

Sonopant Dandekar Shikshan Mandali's
**SONOPANT DANDEKAR ARTS, V.S. APTE COMMERCE
AND M.H. MEHTA SCIENCE COLLEGE, PALGHAR**



2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners



**Academic Year
2022-2023**

Department of Accountancy 2022-23



Sonopant Dandekar Shikshan Mandali's
Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

(Best College - University of Mumbai)
(Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019')

NOTICE

Date: 20/01/2023

Remedial Lectures Department of Accountancy

Remedial classes have been organized for the **F.Y.BCom** students whose performance is found to be dissatisfactory in the subject of **Accountancy and Financial Management**. All the concerned **F.Y.BCom** students are hereby informed to contact their respective teacher coordinator.

Further students may note that:

- It is mandatory for all the concerned students to attend remedial classes.
- The Test will be conducted for the Remedial Coaching twice during the period.
- Attendance for both the test is mandatory.

Prof. Prashant Kadam
Head of the Department
Department of Accountancy

SONOPANT DANDEKAK ARTS, V.S.APTE COMMERCE
AND M.H.MEHTA SCIENCE COLLEGE, PALGHAR

Date – 25/02/2023

Report of the Programme

Department of Accountancy, Sonopant Dandekar Arts College, V.S. Apte Commerce College and M.H. Mehta Science College, Palghar has taken remedial coaching for FYBCOM students on 07/02/2023 to 14/02/2023. 30 participants were present for the same.

The aim of the coaching was to identify slow and fast learners so that it will help the students to improve their studies.

The Coaching was conducted for a period of one week 07/02/2023 to 14/02/2023 in Room No. M – 10 by Prof. Prashant S Kadam, Prof. Jitendra Tiwari and Masum Mohamedwala

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Lecture	Disclosure of Accounting Policies	07/02/2023	M-10	Prashant kadam	28
Lecture	AS – 2: Valuation of Inventories (Stock)	08/02/2023	M-10	Prashant kadam	28
Lecture	Methods of Stock Valuation as per AS – 2 :	09/02/2023	M-10	Jitendra Tiwari	27
Lecture	AS – 9: Revenue Recognition	10/02/2023	M-10	Jitendra Tiwari	29
Lecture	Final accounts of manufacturing concerns (proprietary firm)	11/02/2023	M-10	Masum Mohamedwala	27
Lecture	Departmental Accounts	13/02/2023	M-10	Masum Mohamedwala	28
Test	Test	14/02/2023	M-10	Prashant kadam	30



HOD

Department of Accountancy

Brochure:



Sonopant Dandekar Shikshan Mandali's
**Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar**

(Best College - University of Mumbai)
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**REMEDIAL CLASSES
2022 - 23**

**Department of
Accountancy is organizing
Remedial Classes to aid
slow learners in
understanding basic
accountancy and financial
concepts**



**BATCH STARTING
From 7th Feb, 2023 to 14th Feb 2023**

**Contact
Prof.Prashant Kadam
Prof.Jitendra Tiwari
Prof.Masum Mohammedwala**

Date – 20/01/2023

Remedial Coaching (2022-2023)

Name of the Subject: Accountancy and Financial Management

Class: FYBCOM

Syllabus for Remedial Coaching

1. Disclosure of Accounting Policies
2. AS – 2: Valuation of Inventories (Stock)
3. Methods of Stock Valuation as per AS – 2
4. AS – 9: Revenue Recognition
5. Final accounts of manufacturing concerns (proprietary firm)
6. Accounting for Hire Purchase

Time Table

Remedial Coaching (2022-2023)

Name of the Subject – Accountancy and Financial management

Class – F.Y.BCOM

Date – From 07/02/2023 to 14/02/2023

Day	Time	Classroom No.
07/02/2023	1 pm to 1.50 pm	M- 10
08/02/2023	1 pm to 1.50 pm	M- 10
09/02/2023	1 pm to 1.50 pm	M- 10
10/02/2023	1 pm to 1.50 pm	M- 10
11/02/2023	1 pm to 1.50 pm	M- 10
13/02/2023	1 pm to 1.50 pm	M- 10
14/02/2023	1 pm to 1.50 pm	M- 10



Signature

Head of the Department

Remedial Course

Subject: Accountancy and Financial Management

Class: F.Y.B.Com

Marks: 20

Time: 1 Hour

Q. 1 Answer all the questions (Each question carries two marks) 10

1. Explain Accounting Standard.
2. What do you mean by inventory?
3. What is Intangible Assets?
4. What do you mean by Current liabilities?
5. What is Capital?

Q. 2 Answer all the questions (Each question carries five marks) 10

1. What is Difference between Debtors and Creditor?
2. Explain the Types of Depreciation.

MARK SHEET REMEDIAL CLASSES (2022-2023)

Sr No	Name of the Students	Marks
1	RAUT RIYA PRASHANT	16
2	PATIL SATYAM GANESH	18
3	DHODI KOMAL KISHORBHAI	12
4	PANDA POOJA GAURISHANKAR	15
5	KANSARA VAIBHAVI MANISH	14
6	MORE PRACHITI DINKAR	16
7	GUPTA KUMARI LALA	18
8	CHAUHAN DEEPA BHUVAL	19
9	DAUDA SUVARNA VILAS	16
10	CHOUDHARY AARTI MANARAM	18
11	KINI SUMIT RAJESH	19
12	MORE ANUSH NAVANIT	17
13	SINGH RITIKESH BIBHISHAN	16
14	YADAV VISHAL RAMJANAM	18
15	GHARAT PRATIK VASUDEV	19
16	PATIL SAKSHI PRABHAKAR	12
17	DUBLA BHUMIKKUMAR BHARAT	13
18	PADEKAR CHITRA VILAS	17
19	JADHAV JAY GOVIND	18
20	YADAV SHIKHA RISHIKESH	12
21	PATIL RONIT DEVANAND	12
22	MALIK SAYEMA ALTAF	16
23	KOLHEKAR ROHIT SANTOSH	19

24	RATHOD SANJU ASHOK	18
25	YADAV VIKAS RAMKISHAN	19
26	MEMON USHMANGANI AFZAL	16
27	SALEKAR APEKSHA KISHOR	13
28	LAKHARA KUNAL DILIP	14
29	MAHADIK ADITYA NARESH	14
30	SHAIKH AJMAN SHADIK	15



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Department of Accountancy

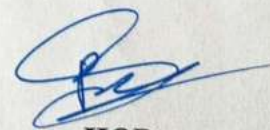
24	RATHOD SANJU ASHOK	18
25	YADAV VIKAS RAMKISHAN	19
26	MEMON USHMANGANI AFZAL	16
27	SALEKAR APEKSHA KISHOR	13
28	LAKHARA KUNAL DILIP	14
29	MAHADIK ADITYA NARESH	14
30	SHAIKH AJMAN SHADIK	15



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Department of Accountancy

List of Fast learner Remedial Classes (2022 – 23)

Sr No	Name of the Students	Marks
1	RAUT RIYA PRASHANT	19
2	PATIL SATYAM GANESH	19
3	DHODI KOMAL KISHORBHAI	19
4	PANDA POOJA GAURISHANKAR	19
5	KANSARA VAIBHAVI MANISH	19
6	MORE PRACHITI DINKAR	18
7	GUPTA KUMARI LALA	18
8	CHAUHAN DEEPA BHUVAL	18
9	DAUDA SUVARNA VILAS	18
10	CHOUDHARY AARTI MANARAM	18
11	KINI SUMIT RAJESH	18
12	MORE ANUSH NAVANIT	17
13	SINGH RITIKESH BIBHISHAN	17
14	YADAV VISHAL RAMJANAM	16
15	GHARAT PRATIK VASUDEV	16
16	PATIL SAKSHI PRABHAKAR	16
17	DUBLA BHUMIKKUMAR BHARAT	16



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Department of Accountancy

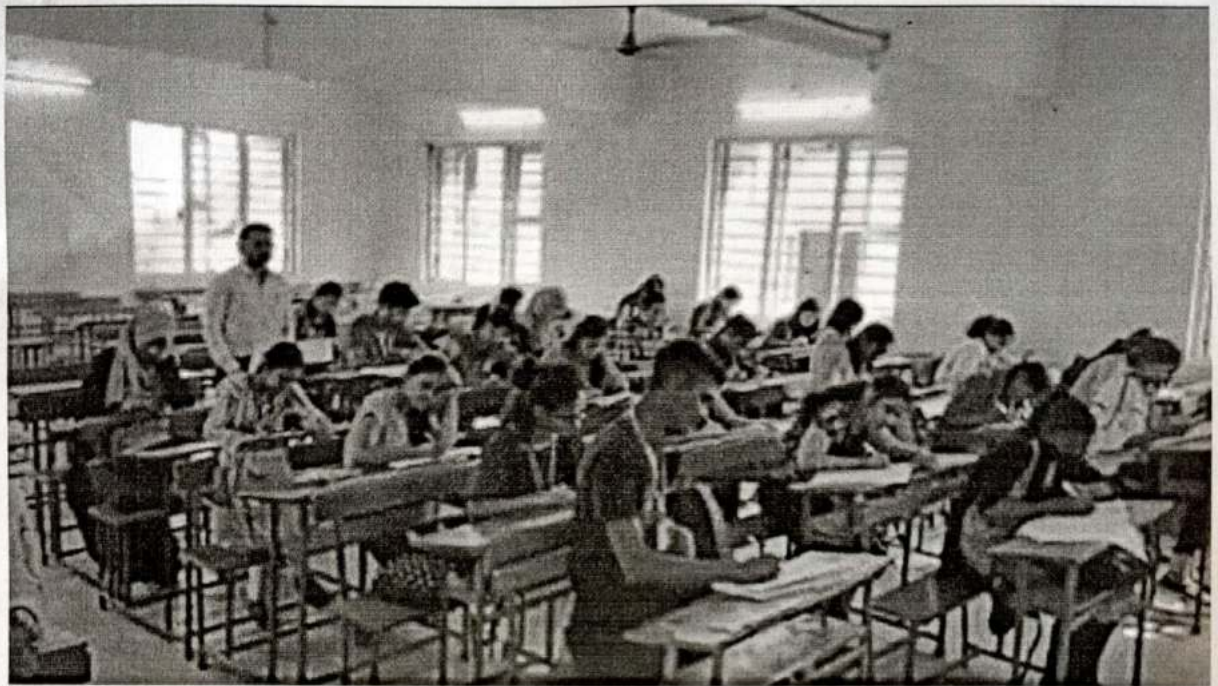
List of Slow learner Remedial Classes (2022 – 23)

Sr No	Name of the Students	Marks
1	PADEKAR CHITRA VILAS	14
2	JADHAV JAY GOVIND	15
3	YADAV SHIKHA RISHIKESH	15
4	PATIL RONIT DEVANAND	15
5	MALIK SAYEMA ALTAF	14
6	KOLHEKAR ROHIT SANTOSH	14
7	RATHOD SANJU ASHOK	14
8	YADAV VIKAS RAMKISHAN	13
9	MEMON USHMANGANI AFZAL	13
10	SALEKAR APEKSHA KISHOR	12
11	LAKHARA KUNAL DILIP	12
12	MAHADIK ADITYA NARESH	12
13	SHAIKH AJMAN SHADIK	12



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Department of Accountancy

PHOTO



Remedial Coaching 2022 - 2023

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Attendance Report of Remedial Coaching (2022 – 2023)


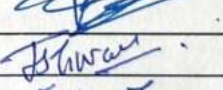



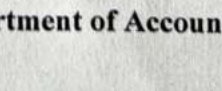
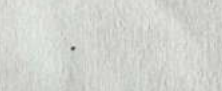
Name of the Subject - Accountancy and Financial management

Class – FYBCOM

Sr. No.	Name of the Student	07/02/2023	08/02/2023	09/02/2023	10/02/2023	11/02/2023	13/02/2023	14/02/2023
1.	RAUT RIYA PRASHANT	Raut	Raut	Absent	Raut	Raut	Raut	Raut
2	PATIL SATYAM GANESH	Satyam	Satyam	Satyam	Satyam	Satyam	Satyam	Satyam
3	DHODI KOMAL KISHORBHAI	T.Kom	T.Kom	T.Kom	T.Kom	T.Kom	T.Kom	T.Kom
4	PANDA POOJA GAURISHANKAR	Pooja	Pooja	Pooja	Pooja	Absent	Pooja	Pooja
5	KANSARA VAIBHAVI MANISH	Vaibh	Absent	Vaibh	Vaibh	Vaibh	Vaibh	Vaibh
6	MORE PRACHITI DINKAR	M.Pracl	M.Pracl	Absent	M.Pracl	M.Pracl	M.Pracl	M.Pracl
7	GUPTA KUMARI LALA	Rita	Rita	Rita	Rita	Rita	Rita	Rita
8	CHAUHAN DEEPA BHUVAL	Absent	D.Bh	D.Bh	D.Bh	D.Bh	D.Bh	D.Bh
9	DAUDA SUVARNA VILAS	Daud	Daud	Daud	Daud	Daud	Daud	Daud
10	CHOUDHARY AARTI MANARAM	Aarti	Aarti	Aarti	Aarti	Aarti	Aarti	Aarti
11	KINI SUMIT RAJESH	Sumit	Sumit	Sumit	Sumit	Sumit	Absent	Sumit
12	MORE ANUSH NAVANIT	Anush	Anush	Anush	Anush	Anush	Anush	Anush
13	SINGH RITIKESH BIBHISHAN	Rit	Rit	Rit	Rit	Rit	Rit	Rit
14	YADAV VISHAL RAMJANAM	V.Yad	Absent	V.Yad	V.Yad	V.Yad	V.Yad	V.Yad
15	GHARAT PRATIK VASUDEV	P.Vas	P.Vas	P.Vas	P.Vas	P.Vas	P.Vas	P.Vas
16	PATIL SAKSHI PRABHAKAR	Saksh	Saksh	Saksh	Saksh	Saksh	Saksh	Saksh
17	DUBLA BHUMIKKUMAR BHARAT	Absent	B.B.Dub	B.B.Dub	B.B.Dub	B.B.Dub	B.B.Dub	B.B.Dub
18	PADEKAR CHITRA VILAS	P.Chit	P.Chit	P.Chit	P.Chit	P.Chit	P.Chit	P.Chit
19	JADHAV JAY GOVIND	Jay	Jay	Jay	Jay	Jay	Jay	Jay
20	YADAV SHIKHA RISHIKESH	Shik	Shik	Shik	Shik	Shik	Shik	Shik

21	PATIL RONIT DEVANAND	Patil	Patil	Patil	Patil	Absent	Patil	Patil
22	MALIK SAYEMA ALTAF	Sayem	Sayem	Sayem	Sayem	Sayem	Sayem	Sayem
23	KOLHEKAR ROHIT SANTOSH	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit
24	RATHOD SANJU ASHOK	Sanju	Sanju	Sanju	Sanju	Sanju	Sanju	Sanju
25	YADAV VIKAS RAMKISHAN	Yadav	Yadav	Yadav	Absent	Yadav	Yadav	Yadav
26	MEMON USHMANGANI AFZAL	M.Ush	M.Ush	M.Ush	M.Ush	M.Ush	M.Ush	M.Ush
27	SALEKAR APEKSHA KISHOR	Apek	Apek	Apek	Apek	Apek	Absent	Apek
28	LAKHARA KUNAL DILIP	Kunal	Kunal	Kunal	Kunal	Kunal	Kunal	Kunal
29	MAHADIK ADITYA NARESH	Aditya	Aditya	Absent	Aditya	Aditya	Aditya	Aditya
30	SHAIKH AJMAN SHADIK	Shaym	Shaym	Shaym	Shaym	Absent	Shaym	Shaym
	NO OF STUDENTS PRESENT	28	28	27	29	27	28	30
	NO OF STUDENTS ABSENT	2	2	3	1	3	2	0
	TOTAL NUMBER OF STUDENTS	30	30	30	30	30	30	30

Signature of the Faculties

Date	Name Of The Faculty	Signature
07/02/2023	Prof. Prashant Kadam	
08/02/2023	Prof. Prashant Kadam	
09/02/2023	Prof. Jitendra Tiwari	
10/02/2023	Prof. Jitendra Tiwari	
11/02/2023	Prof. Masum Mohemedwala	
13/02/2023	Prof. Masum Mohemedwala	
14/02/2023	Prof. Prashant Kadam	

HOD

Department of Accountancy

Johnson
14/02/2023

Jr. Sup. Signature with Date

1

Supplement No.

R
60143

Candidate's Seat No.

Date: 14/02/2023

Class: F-4. Blom

Subject: A/c

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks													19.

Q.1

1. What is Intangible Assets?

→

- Intangible is means it is not physically in nature
- Goodwill, brand recognition & intellectual property
- Intangible is have the type of like Patents, Trade marks, Goodwill, etc.

2. Explain Accounting Standard?

→

- Accounting Standard is specify the transaction
- Accounting standard is common set of Principles, standard and Producer.

3

3. What do you mean by inventory?

→

• Inventory means stock.

- Inventory have some types like, Raw Material, WIP, finished goods.

04 • Inventory is take a like stock,

- Inventory we post like Opening Stock and Closing Stock.

4. What do you mean by Current liability?

→

- Current Liabilities is short term finance in company within the one year

02 • Some example of Current Liabilities is Income taxes, interest payable

5. What is Capital?

→

- Capital means Money.

- Capital is invested money of Companies. its called Capital

04

- Capital invest by own, and Partners.

- Money is invest in Company & Organisation it is called Capital.

Q. 2

1
→

Debtors

Creditors

• Debtors means own borrow it.

Creditors means own lender of money

04 • Debtors who takes the loan

Creditors who extend the loan

• Debtors who can sold their goods to creditor

Creditor who can borrow the purchase the debtors goods.

2.

→

Depreciation means reduce the value of fixed assets

01



Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

[Best College - University of Mumbai]

(Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019')

BIOTECHNOLOGY-UG

**REMEDIAL COACHING REPORT 2022-
2023**

REMEDIAL COACHING REPORT 2022-2023

Department- Biotechnology

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Report of the Remedial Coaching Programme 2022-23

Department of Biotechnology, Sonopant Dandekar Arts College, V.S. Apte Commerce College and M.H. Mehta Science College, Palghar has taken remedial coaching for F.Y. Biotechnology students. 13 participants were present for the same.

The aim of the coaching was to identify slow and fast learners so that it will help the students to improve their studies.

The Coaching was conducted for a period of one week from 12/01/2023 to 19/01/2023 in Room No. Biotechnology Lab. 3 by Prof. Lisa Sam

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Co – Curriculum	Remedial Coaching	From 12/01/2023 To 19/01/2023 9:00 AM to 10:00 AM 11:00 AM to 12:00 PM	Classroom No. Biotechnology Lab. 3	Prof. Lisa Sam	13

Signature



Coordinator of the Programme

Signature



Dr. Shilpa M. Gharat
Head of the Department- Biotechnology



Sonopant Dandekar Shikshan Mandal's

Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

[Best College - University of Mumbai]

[Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019']

Date: 10/01/2023

NOTICE

REMEDIAL COACHING (2022-23)

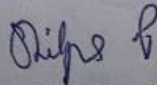
Please be informed of the Remedial Classes for the students of F.Y. B.Sc. Biotechnology will be conducted for the below mentioned students as follows:

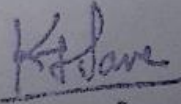
Date	Time	Name of the students
12/01/2023	9:00 AM to 10:00 AM	1. 93002 Anjali M. bhusara
	11:00 AM to 12:00 PM	2. 93003 Pooja S. Kuvara
13/01/2023	9:00 AM to 10:00 AM	3. 93011 Jay V. Dodake
		4. 93017 Pushkar Y. Gawale
	11:00 AM to 12:00 PM	5. 93027 Bristi K. Dasgupta
14/01/2023	9:00 AM to 10:00 AM	6. 93029 Vijay Kushwaha
	11:00 AM to 12:00 PM	7. 93030 Ajay Kushwaha
16/01/2023	9:00 AM to 10:00 AM	8. 93032 Sapna A. Singh
		9. 93040 Siddharth K. Chaudhari
17/01/2023	9:00 AM to 10:00 AM	10. 93046 Karan B. Singh
		11. 93052 Aachal A. Jha
		12. 93053 Sejal G. Thite
18/01/2023	9:00 AM to 10:00 AM	13. 93063 Shrushti Naik
		14. 93065 Khushi Singh
19/01/2023	11:00 AM to 12:00 PM	15. 93068 Mahima Mali

Kindly be present as per the given schedule at Biotechnology Lab. 3.

Please Note:

- It is mandatory for all the concerned students to attend Remedial Teaching sessions.
- Tests will be conducted for the students based on the Remedial coaching.
- Attendance for the test is mandatory.


Dr. Shilpa Gharat
HOD, Biotechnology


Dr. Kiran Save
Principal



Sonopant Dandekar Shikshan Mandal's

Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

(Best College - University of Mumbai)

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TIME TABLE FOR REMEDIAL COACHING (2022-23)

Name of the Subject- Biotechnology

Class- F.Y.Biotechnology

Date	Time	Name of the teacher
12/01/2023	9:00 AM to 10:00 AM 11:00 AM to 12:00 PM	Lisa Sam
13/01/2023	9:00 AM to 10:00 AM 11:00 AM to 12:00 PM	Riddhi Bisht
14/01/2023	9:00 AM to 10:00 AM 11:00 AM to 12:00 PM	Hardik Churi
16/01/2023	9:00 AM to 10:00 AM	Lisa Sam
17/01/2023	9:00 AM to 10:00 AM	Hardik Churi
18/01/2023	9:00 AM to 10:00 AM	Riddhi Bisht
19/01/2023	11:00 AM to 12:00 PM	Lisa Sam

Dr. Shilpa Gharat
HOD, Biotechnology

REMEDIAL COURSE IN BIOTECHNOLOGY

Department of Biotechnology
A.Y.2022-23

Objectives of the course:

It will intend to make a remedy on an existing learning issue that hinders the progress and development of learner's needed competencies and learning objectives.
It will help the learner to improve the basic skill and techniques in Biotechnology.

Duration of course: 07 Days (420 mins)/Class

Content of the Course:

Nos.	CLASS	TOPICS
	F.Y. B.Sc	Basic Chemistry <ul style="list-style-type: none">• Chemical Bonds• Stereochemistry• Proteins & Nucleic acids• Thermodynamics• Chemical Kinetics• Analytical Techniques- Chromatography, colorimetry Microbiology and Genetics <ul style="list-style-type: none">• Prokaryotic and Eukaryotic cells.• Microscopy• Staining techniques• Genetics Fundamentals- non mendelian genetics• Microbial Genetics Fundamentals of biotechnology <ul style="list-style-type: none">• Genetic Engineering-Genetic Engineering in E coli and other-Prokaryotes, Yeast, Fungi and Mammalian Cells Cloning Vectors-Plasmids (pBR 322, pUC) Vectors for Plant and Animal Cells, Shuttle Vectors, YAC Vector• Fermentation Biotechnology• Immunology-Cells and Organs involved.• Enzymes• Biostatistics- Central tendencies

Dr. Shilpa M. Gharat
Head of the Department- Biotechnology

**SONOPANT DANDEKAR ARTS COLLEGE, V.S.APTE COMMERCE
COLLEGE AND M.H.MEHTA SCIENCE COLLEGE, PALGHAR,
DIST: PALGHAR 401404 Tel: (02525) 252163**

Test Paper of Remedial Coaching 2022-23

F.Y.B.Sc. Biotechnology

Time- 40 mins

Room No. Biotech Lab -IV

Total Marks- 15

Q.1 Answer the following questions.

1. Write a note on chromatography. (5)
2. Draw a labeled diagram of prokaryotic cell and comment on cell organelles. (5)
3. Write a note on cells of the immune system. (5)

**SONOPANT DANDEKAR ARTS COLLEGE, V.S.APTE COMMERCE
COLLEGE AND M.H.MEHTA SCIENCE COLLEGE, PALGHAR,
DIST: PALGHAR 401404 Tel: (02525) 252163**

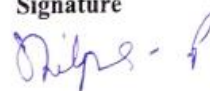
Remedial Coaching Marksheet 2020-21

**Subject- Biotechnology
Date- 30/01/2023**

**Class- FYBiotechnology
Total Marks- 15**

Sr. No.	Roll No.	Name of Student	Marks
1	93002	Anjali M. bhusara	ABSENT
2	93003	Pooja S. Kuvara	ABSENT
3	93011	Jay V. Dodake	09
4	93017	Pushkar Y. Gawale	07
5	93027	Bristi K. Dasgupta	10
6	93029	Vijay Kushwaha	07
7	93030	Ajay Kushwaha	05
8	93032	Sapna A. Singh	11
9	93040	Siddharth K. Chaudhari	06
10	93046	Karan B. Singh	13
11	93052	Aachal A. Jha	08
12	93053	Sejal G. Thite	05
13	93063	Shrushti Naik	10
14	93065	Khushi Singh	09
15	93068	Mahima Mali	11

Signature



Head of the Department

List of Fast Learners*

Roll No	Name of the student
93011	Jay V. Dodake
93027	Bristi K. Dasgupta
93032	Sapna A. Singh
93046	Karan B. Singh
93052	Aachal A. Jha
93063	Shrushti Naik
93065	Khushi Singh
93068	Mahima Mali

Note –

Fast Learners* - Those students who have scored more than 50% Marks

List of Slow Learners*

Roll no	Name of the student
93017	Pushkar Y. Gawale
93029	Vijay Kushwaha
93030	Ajay Kushwaha
93040	Siddharth K. Chaudhari
93053	Sejal G. Thite

Note –

Slow Learners* - Those students who have scored less than 50% Marks

Signature



Head of the Department

SONOPANT DANDEKAR ARTS COLLEGE, V.S.APTE COMMERCE
COLLEGE AND M.H.MEHTA SCIENCE COLLEGE, PALGHAR,
DIST: PALGHAR 401404 Tel: (02525) 252163

Attendance Report for Remedial Coaching 2022-23

Day 1

Subject- Biotechnology

Class- F-Y-BSc

Date- 12/01/2023

Time- 9.00 - 10.00 A.M.

Sr. No.	Roll No.	Name of Student	Signature
1	93002	Anjali M. Bhusara	AB
2	93003	Pooja S. Kuvara	AB
3	93011	Jay V. Dodake	Jay
4	93017	Pushkar Y. Gawale	Gawale
5	93027	Bristi K. Dasgupta	B Dasgupta
6	93029	Vijay Kushwaha	Vijay
7	93030	Ajay Kushwaha	Akushwaha
8	93032	Sapna A. Singh	Singh
9	93040	Siddharth K. Chaudhari	Stc.
10	93046	Karan B. Singh	Singh
11	93052	Aachal A. Jha	Ajha
12	93053	Sejal G. Thite	Sejal
13	93063	Shrushti Naik	Shrushti
14	93065	Khushi Singh	Ksingh
15	93068	Mahima Mali	Mmali

Signature



Dr. Shilpa M. Gharat

Head of the Department- Biotechnology

**SONOPANT DANDEKAR ARTS COLLEGE, V.S.APTE COMMERCE
COLLEGE AND M.H.MEHTA SCIENCE COLLEGE, PALGHAR,
DIST: PALGHAR 401404 Tel: (02525) 252163**

Attendance Report for Remedial Coaching 2022-23

Day 2

Subject- Biotechnology

Class- F-Y-BSc.

Date- 13/01/2023

Time- 9.00 - 10.00 A.M.

Sr. No.	Roll No.	Name of Student	Signature
1	93002	Anjali M. bhusara	AB
2	93003	Pooja S. Kuvra	AB
3	93011	Jay V. Dodake	Jay
4	93017	Pushkar Y. Gawale	Pushkar
5	93027	Bristi K. Dasgupta	B Dasgupta
6	93029	Vijay Kushwaha	Vijay
7	93030	Ajay Kushwaha	Akushwaha
8	93032	Sapna A. Singh	Singh
9	93040	Siddharth K. Chaudhari	Sck.
10	93046	Karan B. Singh	K Singh
11	93052	Aachal A. Jha	Ajha
12	93053	Sejal G. Thite	Sejal
13	93063	Shrushti Naik	S Naik
14	93065	Khushi Singh	K Singh
15	93068	Mahima Mali	M Mali

Signature



Dr. Shilpa M. Gharat

Head of the Department- Biotechnology

SONOPANT DANDEKAR ARTS COLLEGE, V.S.APTE COMMERCE
COLLEGE AND M.H.MEHTA SCIENCE COLLEGE, PALGHAR,
DIST: PALGHAR 401404 Tel: (02525) 252163

Attendance Report for Remedial Coaching 2022-23

Day 3

Subject- Biotechnology

Class- F-4-BSc

Date- 14/01/2023

Time- 9:00 - 10:00 AM

Sr. No.	Roll No.	Name of Student	Signature
1	93002	Anjali M. bhusara	AB
2	93003	Pooja S. Kuvara	AB
3	93011	Jay V. Dodake	Jay
4	93017	Pushkar Y. Gawale	Pushkar
5	93027	Bristi K. Dasgupta	B Dasgupta
6	93029	Vijay Kushwaha	Vijay K
7	93030	Ajay Kushwaha	Akushwaha.
8	93032	Sapna A. Singh	Singh
9	93040	Siddharth K. Chaudhari	See.
10	93046	Karan B. Singh	Singh
11	93052	Aachal A. Jha	Ajha
12	93053	Sejal G. Thite	Sejal
13	93063	Shrushti Naik	SNaik
14	93065	Khushi Singh	Ksingh
15	93068	Mahima Mali	Mmali

Signature



Dr. Shilpa M. Gharat

Head of the Department- Biotechnology

SONOPANT DANDEKAR ARTS COLLEGE, V.S.APTE COMMERCE
COLLEGE AND M.H.MEHTA SCIENCE COLLEGE, PALGHAR,
DIST: PALGHAR 401404 Tel: (02525) 252163

Attendance Report for Remedial Coaching 2022-23

Day 4

Subject- Biotechnology

Class- F.Y.BSC.

Date- 16/01/2023.

Time- 9.00-10.00 A.M.

Sr. No.	Roll No.	Name of Student	Signature
1	93002	Anjali M. bhusara	AB
2	93003	Pooja S. Kuvara	Pooja
3	93011	Jay V. Dodake	Jay
4	93017	Pushkar Y. Gawale	Pushkar
5	93027	Bristi K. Dasgupta	B Dasgupta
6	93029	Vijay Kushwaha	Vijay K.
7	93030	Ajay Kushwaha	A Kushwaha
8	93032	Sapna A. Singh	Singh
9	93040	Siddharth K. Chaudhari	Sck.
10	93046	Karan B. Singh	K Singh
11	93052	Aachal A. Jha	Acha
12	93053	Sejal G. Thite	Sejal
13	93063	Shrushti Naik	Naik
14	93065	Khushi Singh	Khushi
15	93068	Mahima Mali	Mali

Signature

Shilpa M. Gharat

Dr. Shilpa M. Gharat

Head of the Department- Biotechnology

SONOPANT DANDEKAR ARTS COLLEGE, V.S.APTE COMMERCE
COLLEGE AND M.H.MEHTA SCIENCE COLLEGE, PALGHAR,
DIST: PALGHAR 401404 Tel: (02525) 252163

Attendance Report for Remedial Coaching 2022-23

Day 5

Subject- Biotechnology

Class- J.Y.B.Sc.

Date- 17/01/23

Time- 9:00 - 10:00 AM

Sr. No.	Roll No.	Name of Student	Signature
1	93002	Anjali M. bhusara	AB
2	93003	Pooja S. Kuvara	AB
3	93011	Jay V. Dodake	Jay
4	93017	Pushkar Y. Gawale	P Gawale
5	93027	Bristi K. Dasgupta	B Dasgupta
6	93029	Vijay Kushwaha	Vijay K
7	93030	Ajay Kushwaha	AKushwaha.
8	93032	Sapna A. Singh	Singh
9	93040	Siddharth K. Chaudhari	SKC.
10	93046	Karan B. Singh	K Singh
11	93052	Aachal A. Jha	AJha
12	93053	Sejal G. Thite	Sejal
13	93063	Shrushti Naik	Shrushti Naik
14	93065	Khushi Singh	Khushi Singh
15	93068	Mahima Mali	M Mali

Signature

Shilpa M. Gharat

Dr. Shilpa M. Gharat

Head of the Department- Biotechnology

SONOPANT DANDEKAR ARTS COLLEGE, V.S.APTE COMMERCE
COLLEGE AND M.H.MEHTA SCIENCE COLLEGE, PALGHAR,
DIST: PALGHAR 401404 Tel: (02525) 252163

Attendance Report for Remedial Coaching 2022-23

Day 6

Subject- Biotechnology

Class- F.Y.BSC.

Date- 18/01/23

Time- 9.00 - 10.00 AM

Sr. No.	Roll No.	Name of Student	Signature
1	93002	Anjali M. bhusara	AB
2	93003	Pooja S. Kuvara	AB
3	93011	Jay V. Dodake	Jay Plawate
4	93017	Pushkar Y. Gawale	B. Dargupta
5	93027	Bristi K. Dasgupta	Vijay K
6	93029	Vijay Kushwaha	A. Kushwaha.
7	93030	Ajay Kushwaha	Singh
8	93032	Sapna A. Singh	Skc.
9	93040	Siddharth K. Chaudhari	Singh
10	93046	Karan B. Singh	A. Jha
11	93052	Aachal A. Jha	Sejal
12	93053	Sejal G. Thite	Shank
13	93063	Shrushti Naik	Kongh
14	93065	Khushi Singh	M. Mali
15	93068	Mahima Mali	

Signature

Shilpa M. Gharat

Dr. Shilpa M. Gharat

Head of the Department- Biotechnology

SONOPANT DANDEKAR ARTS COLLEGE, V.S.APTE COMMERCE
COLLEGE AND M.H.MEHTA SCIENCE COLLEGE, PALGHAR,
DIST: PALGHAR 401404 Tel: (02525) 252163

Attendance Report for Remedial Coaching 2022-23

Day 7
Subject- Biotechnology
Date- 19/01/2023

Class- F.Y.BSc
Time- 9.00-10.00 a.m


Sr. No.	Roll No.	Name of Student	Signature
1	93002	Anjali M. bhusara	AB
2	93003	Pooja S. Kuvara	AB
3	93011	Jay V. Dodake	Jay Dodake
4	93017	Pushkar Y. Gawale	Pushkar Y. Gawale
5	93027	Bristi K. Dasgupta	B. Dasgupta
6	93029	Vijay Kushwaha	Vijay K.
7	93030	Ajay Kushwaha	Ajay Kushwaha.
8	93032	Sapna A. Singh	Singh
9	93040	Siddharth K. Chaudhari	S.K.
10	93046	Karan B. Singh	K.B. Singh
11	93052	Aachal A. Jha	A.A. Jha
12	93053	Sejal G. Thite	Sejal G.
13	93063	Shrushti Naik	S. Naik
14	93065	Khushi Singh	K. Singh
15	93068	Mahima Mali	M. Mali

Signature

Shilpa - B

Dr. Shilpa M. Gharat
Head of the Department- Biotechnology



 GPS Map Camera



Palghar, Maharashtra, India
dandekar college, PQ66+R2X, Mission Compound, Banjar para,
Boisar, Palghar, Maharashtra 401404, India
Lat 19.71207°
Long 72.760076°
09/03/23 02:34 PM GMT +05:30



Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

(Best College - University of Mumbai)

(Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019')

REMEDIAL COACHING REPORT 2022- 2023

REMEDIAL COACHING REPORT 2021-2022

Department- Biotechnology

Sr. No.	Particular	Page No.
1	Report of the Program	3
2	Notice	4
3	Syllabus	5

4	Time Table	6
5	Test Paper	7
6	Mark List	8
7	List of Fast and slow Learners	9
8	Attendance of 7 days coaching	10-17

Report of the Remedial Coaching Programme 2022-23

Department of Biotechnology, Sonopant Dandekar Arts College, V.S. Apte Commerce College and M.H. Mehta Science College, Palghar has taken remedial coaching for Msc Biotechnology students. 06 Participants were present for the same.

The aim of the coaching was to identify slow and fast learners so that it will help the students to improve their studies.

The Coaching was conducted for a period of one week from 10/10/2022 to 15/10/2022 in by Dr.Shailaja.P.Palan

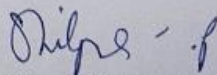
Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Co – Curriculum	Remedial Coaching	From 10/10/2022 to 17/10/2022 02:30 PM to 03:30 PM	Biotech Lab -IV	Dr.Shailaja.P.Palan	06

Signature



Coordinator of the Programme

Signature



Dr. Shilpa M. Gharat
Head of the Department- Biotechnology



Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

(Best College - University of Mumbai)

(Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019')

Date: 08/10/2022

NOTICE

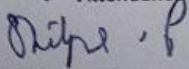
REMEDIAL COACHING (2022-23)

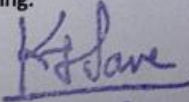
Please be informed of the Remedial Classes for the students of M.Sc. Biotechnology will be conducted for the below mentioned students:

Date	Time	Name of the students
10/10/2022	2.30 P.M to 3.30 P.M	1. Kudu Mitali A. 2. Mahakal Ashiti V. 3. Pavan Patil
11/10/2022	2.30 P.M to 3.30 P.M	4. Rushikesh Mistry 5. Thakare Devisha S.
12/10/2022	2.30 P.M to 3.30 P.M	6. Masuma Rehman
13/10/2022	2.30 P.M to 3.30 P.M	
14/10/2022	2.30 P.M to 3.30 P.M	
15/10/2022	2.30 P.M to 3.30 P.M	
17/10/2022	2.30 P.M to 3.30 P.M	

Please Note:

- It is mandatory for all the concerned students to attend Remedial Teaching sessions.
- Tests will be conducted for the students based on the Remedial coaching.
- Attendance for the test is mandatory.


Dr. Shilpa Gharat
HOD, Biotechnology


Dr. Kiran Save
Principal

REMEDIAL COURSE IN BIOTECHNOLOGY
Department of Biotechnology
A.Y.2022-23

Objectives of the course:

It will intend to make a remedy on an existing learning issue that hinders the progress and development of learner's needed competencies and learning objectives.
 It will help the learner to improve the basic skill and techniques in Biotechnology.

Duration of course: 07 Days (420 mins)

Content of the Course:

Nos.	CLASS	TOPICS
	M.Sc	<p>Metabolism</p> <ul style="list-style-type: none"> ● Chemical Bonds ● Proteins & Nucleic acids with Structures ● Stereochemistry <p>Immunotechniques and Molecular diagnostics</p> <ul style="list-style-type: none"> ● Antigen-antibody reactions. ● Types of vaccines ● Concept of antigenicity, MHC ● Gene editing tools ● Types Of PCR ● Concept of proteomics and Genomics <p>Bioinformatics and Biostatistics</p> <ul style="list-style-type: none"> ● Biostatistics- Central tendencies ● Basics of Bioinformatics ● Biomolecular Interaction ● Databases



Sonopant Dandekar Shikshan Mandali's
Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar
(Best College - University of Mumbai)
(Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019')

TIME TABLE FOR REMEDIAL COACHING (2022-23)

Name of the Subject- Biotechnology

Class- MSc.Biotechnology

Date	Time	Name of the teacher
10/10/2022	2.30 P.M to 3.30 P.M	Dr Shilpa .M Gharat
11/10/2022	2.30 P.M to 3.30 P.M	Dr.Shailaja.P. Palan
12/10/2022	2.30 P.M to 3.30 P.M	Mrs.Runali Raut
13/10/2022	2.30 P.M to 3.30 P.M	Dr Shilpa .M Gharat
14/10/2022	2.30 P.M to 3.30 P.M	Dr.Shailaja.P. Palan
15/10/2022	2.30 P.M to 3.30 P.M	Mrs.Runali Raut
17/10/2022	2.30 P.M to 3.30 P.M	Mrs.Shailaja .Palan

Dr. Shilpa Gharat
HOD, Biotechnology

**SONOPANT DANDEKAR ARTS COLLEGE, V.S.APTE COMMERCE
COLLEGE AND M.H.MEHTA SCIENCE COLLEGE, PALGHAR,
DIST: PALGHAR 401404 Tel: (02525) 252163**

Test Paper of Remedial Coaching 2022-23

MSc. Biotechnology

Time- 40 mins

Room No. Biotech Lab -IV

Total Marks- 15

Q.1 Answer the following questions.

- 1. Write a note on working of PCR. (5)**
- 2. Write a note on Structure of MHC -I. (5)**
- 3. Write a note on pairwise sequence alignment. (5)**

A.Y. 2022-23
Mark List of Remedial Test Coaching

Class- M.Sc. Biotechnology

Total marks- 15

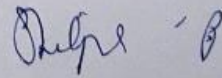
Sr. No.	Roll No.	Name of Student	Marks obtained
1	12001	Kudu Mitali A.	13
2	12005	Thakare Devisha S	06
3	12020	Masuma Rehman	12
4	12021	Pavan Patil	07
5	12013	Mahakal Ashiti V.	06
6	12024	Rushikesh Mistry	09

List of Fast Learners*

Roll No	Name of the student
12001	Kudu Mitali A.
12020	Masuma Rehman
12024	Rushikesh Mistry

List of Slow Learners*

Roll no	Name of the student
12021	Pavan Patil
12013	Mahakal Ashiti V.
12005	Thakare Devisha S

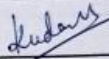

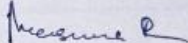
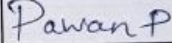

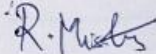


Signature

Head of the Department

Attendance of Test

Attendance Report of Remedial Coaching Test

Sr. No.	Roll No.	Name of Student	Signature
1	12001	Kudu Mitali A.	
2	12005	Thakare Devisha S	
3	12020	Masuma Rehman	
4	12021	Pavan Patil	
5	12013	Mahakal Ashiti V.	
6	12024	Rushikesh Mistry	

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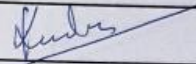
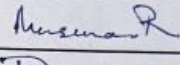
Attendance Report for Remedial Coaching 2022-23

Subject- Biototechnology

Date- 10/10/22

Class- M.Sc. Biototechnology

Time- 2.30 - 3.30 P.M.

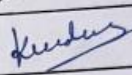

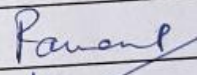

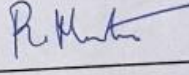
Sr. No.	Roll No.	Name of Student	Signature
1	12001	Kudu Mitali A.	
2	12005	Thakare Devisha S	
3	12020	Masuma Rehman	
4	12021	Pavan Patil	
5	12013	Mahakal Ashiti V.	
6	12024	Rushikesh Mistry	

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COLLEGE AND M.H.MEHTA SCIENCE COLLEGE, PALGHAR,
DIST: PALGHAR 401404 Tel: (02525) 252163

Attendance Report for Remedial Coaching 2022-23

Subject- Biotechnology
Date- 11/10/22

Class- MSc Biotechnology
Time- 2.30 - 3.30 P.M.

Sr. No.	Roll No.	Name of Student	Signature
1	12001	Kudu Mitali A.	
2	12005	Thakare Devisha S	
3	12020	Masuma Rehman	Ab
4	12021	Pavan Patil	
5	12013	Mahakal Ashiti V.	
6	12024	Rushikesh Mistry	

SONOPANT DANDEKAR ARTS COLLEGE, V.S.APTE COMMERCE
COLLEGE AND M.H.MEHTA SCIENCE COLLEGE, PALGHAR,
DIST: PALGHAR 401404 Tel: (02525) 252163

Attendance Report for Remedial Coaching 2022-23

Subject- Biotechnology

Date- 12/10/22

Class- MSc Biotechnology

Time- 2.30 - 3.30 PM

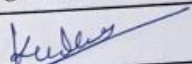
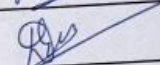
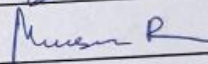
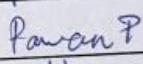
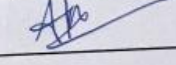
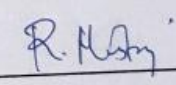
Sr. No.	Roll No.	Name of Student	Signature
1	12001	Kudu Mitali A.	
2	12005	Thakare Devisha S	
3	12020	Masuma Rehman	
4	12021	Pavan Patil	Ab.
5	12013	Mahakal Ashiti V.	
6	12024	Rushikesh Mistry	

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COLLEGE AND M.H.MEHTA SCIENCE COLLEGE, PALGHAR,
DIST: PALGHAR 401404 Tel: (02525) 252163

Attendance Report for Remedial Coaching 2022-23

Subject- Biotechnology
Date- 13/10/22

Class- Msc Biotechnology
Time- 2.30-3.30 P.M.


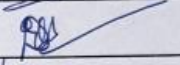
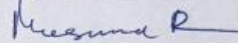
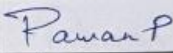
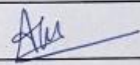
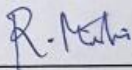
Sr. No.	Roll No.	Name of Student	Signature
1	12001	Kudu Mitali A.	
2	12005	Thakare Devisha S	
3	12020	Masuma Rehman	
4	12021	Pavan Patil	
5	12013	Mahakal Ashiti V.	
6	12024	Rushikesh Mistry	

SONOPANT DANDEKAR ARTS COLLEGE, V.S.APTE COMMERCE
COLLEGE AND M.H.MEHTA SCIENCE COLLEGE, PALGHAR,
DIST: PALGHAR 401404 Tel: (02525) 252163

Attendance Report for Remedial Coaching 2022-23

Subject- Biotechnology
Date- 14/10/22

Class- MSC.
Time- 2.30-3.30 PM

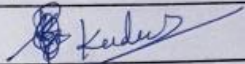
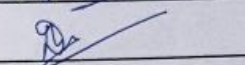
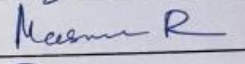
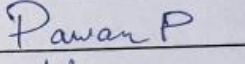
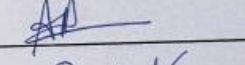
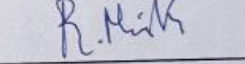
Sr. No.	Roll No.	Name of Student	Signature
1	12001	Kudu Mitali A.	
2	12005	Thakare Devisha S	
3	12020	Masuma Rehman	
4	12021	Pavan Patil	
5	12013	Mahakal Ashiti V.	
6	12024	Rushikesh Mistry	

SONOPANT DANDEKAR ARTS COLLEGE, V.S.APTE COMMERCE
COLLEGE AND M.H.MEHTA SCIENCE COLLEGE, PALGHAR,
DIST: PALGHAR 401404 Tel: (02525) 252163

Attendance Report for Remedial Coaching 2022-23

Subject- Biotechnology
Date- 15/10/22

Class- MSc
Time- 2-30 - 3-30 PM.

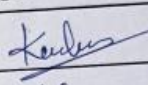
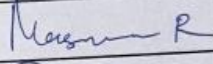
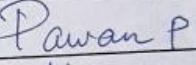
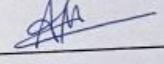
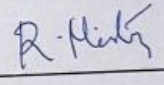
Sr. No.	Roll No.	Name of Student	Signature
1	12001	Kudu Mitali A.	
2	12005	Thakare Devisha S	
3	12020	Masuma Rehman	
4	12021	Pavan Patil	
5	12013	Mahakal Ashiti V.	
6	12024	Rushikesh Mistry	

SONOPANT DANDEKAR ARTS COLLEGE, V.S.APTE COMMERCE
COLLEGE AND M.H.MEHTA SCIENCE COLLEGE, PALGHAR,
DIST: PALGHAR 401404 Tel: (02525) 252163

Attendance Report for Remedial Coaching 2022-23

Subject- Biotechnology
Date- 17/10/22

Class- MSc
Time- 2.30 - 3.30 PM

Sr. No.	Roll No.	Name of Student	Signature
1	12001	Kudu Mitali A.	
2	12005	Thakare Devisha S	<u>Absent</u>
3	12020	Masuma Rehman	
4	12021	Pavan Patil	
5	12013	Mahakal Ashiti V.	
6	12024	Rushikesh Mistry	

Department of Botany-UG

Remedial Coaching Report: 2022-23

INDEX

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Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

(Best College - University of Mumbai)

(Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019')

NOTICE

Remedial Lectures
Department of Botany

Remedial classes have been organized for the **F.Y.BSc** students whose performance is found to be dissatisfactory in the subject of **Botany**. All the concerned **F.Y.BSc** students are hereby informed to contact their respective teacher coordinator.

Further students may note that:

- It is mandatory for all the concerned students to attend remedial classes.
- The Test will be conducted for the Remedial Coaching twice during the period.
- Attendance for both the test is mandatory.

Signature
Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany

1. Report of the Programme

Department of Botany, Sonopant Dandekar Arts College, V.S. Apte Commerce College and M.H. Mehta Science College, Palghar has taken remedial coaching for F.Y.BSc students on 11/02/2023 to 17/02/2023. 43 participants were present for the same.

The aim of the coaching was to identify slow and fast learners so that it will help the students to improve their studies.

The Coaching was conducted for a period of one week 11/02/2023 to 17/02/2023 in Room No. O-30 by Prof. Rudrakshi Raut and Prof. Kalyani Joshi.

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Co – Curriculum	Remedial Coaching	11/02/2023 to 17/02/2023	Classroom No.	Name of the Faculty Member	
	Remedial Coaching	02.00 pm to 02.50 pm	O-30	Prof. Rudrakshi Raut	43
	Remedial Coaching	02.55 pm to 03.45 pm	O-30	Prof. Kalyani [student1] Joshi.	43

Signature
Coordinator of the Programme

Signature
Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany

2. Brochure:

Department of Botany

Remedial Coaching for F.Y.BSc: 2022 - 2023

Signature
Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany

3. Syllabus

Name of the Subject: Botany Paper I and II

Class: F.Y.BSc

Syllabus for Remedial Coaching

- 1. Epistasis genes interaction**
- 2. Cell structure and function of cell organelles**
- 3. Structure and reproduction in *Riccia*.**
- 4. Reproduction in algae**
- 5. General characters of fungi**
- 6. Types, structure and function of ecosystems**

Signature
Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany

4. Time Table

Time Table for Remedial Coaching

Name of the Subject – Botany

Class – F.Y.BSc
17/02/2023

Date – 11/02/2023 to

Day	Time	Classroom No.
11/02/2023	02.00 pm to 02.50 pm	O-30

	02.55 pm to 03.45 pm	
13/02/2023	02.00 pm to 02.50 pm 02.55 pm to 03.45 pm	O-30
14/02/2023	02.00 pm to 02.50 pm 02.55 pm to 03.45 pm	O-30
15/02/2023	02.00 pm to 02.50 pm 02.55 pm to 03.45 pm	O-30
16/02/2023	02.00 pm to 02.50 pm 02.55 pm to 03.45 pm	O-30
17/02/2023	02.00 pm to 02.50 pm 02.55 pm to 03.45 pm	O-30

Signature
Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany

5. Test Paper of Remedial Coaching

Class – F.Y.BSc
02.50 pm

Time -02.00 pm to

Marks – 20

Total

Q.1. Write answer in one or two sentence marks

10

- a) What is mean by epistatic interaction?
- b) What are glycoproteins?
- c) Name the types of rhizoids in *Riccia*
- d) Define scalariform conjugation
- e) Write any two characteristics of phycomycetes.

Q.2 write any one of following marks

10

- a. Explain in detail asexual reproduction in *Nostoc*.
- b. Give detail account of types of ecosystem.

Signature
Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany

6. Attendance of Test

Attendance Report of Remedial Coaching Test

Name of the Subject - Botany

Class – F.Y.B.Sc

Date - 17/02/2023
pm

Time - 02.00 pm to 02.50

Sr. No.	Roll number	Name of students
1	2002	Bhusara yuvaraj madhukar
2	2022	Sapta bharati vasant
3	2025	Pimple riya vilas
4	2041	Gond karan rajnandan
5	2042	Raut divyanshu kishor
6	2046	Andhale sneha Narayan
7	2047	Avhad priti sambhaji
8	2048	Bhusara vipul madhukumar
9	90027	Tare jidnyasa kanti
10	90028	Dapat rohit raju
11	2052	Suryawanshi Aditya maroti
12	2056	Sonavane gayatri shantilal
13	2070	Khandare Sameer anil
14	2074	Kokate Nikhil shivaji
15	2086	Markam amruta suryabhan
16	2094	Vadekar manaswi haresh
17	2098	Gharat parth manohar
18	2099	Sahani rohitkumar shriram
19	2112	Kadav siddhesh shantaram
20	2116	More janhavi sushil
21	2127	Rayakar sahil suresh
22	90254	Singh kishan rajesh
23	90257	Hajare sakshi jalindar

Signature

Head of the Department

Prof. Bhagwan Jaiswal

Department of Botany

24	90258	Govind vidyeshri vinayak
25	90237	Sharma anil ajay
26	90239	Dalvi kaushik Ramesh
27	90241	Vavare vishal Trimbak
28	90247	Ghute Gaurav vijay
29	90248	Dandekar jay dattatray
30	90236	Pandey dolly shailesh
31	90218	Jagtap rohit sudam
32	90219	Korada priyanka lakshman
33	90220	Dode Asmita raghunath
34	90214	Dubey nitin anilkumar
35	90200	Kudu bipin narrottam
36	90188	Rathod vikas gajanan
37	90185	Gharat Samarth kundan
38	90186	Pande yogesh puroshottam
39	90174	Kambhar bhavesh shiva
40	90161	Yadav rajanish rajlal
41	90158	Sambare mohini nathuram
42	90029	Pawar yash dinesh
43	90033	Fadvate amol mohan

7. Overall mark List

Mark List of Remedial Test Coaching

Name of the Subject - Botany

Class – F.Y.BSc

Date – 17/02/2023
02.50 pm

Time - 02.00 pm to

Sr. No.	Roll number	Name of students	Marks obtained
1	2093	Patil poorva mahesh	16
2	2022	Sapta bharati vasant	09
3	2025	Pimple riya vilas	14
4	2041	Gond karan rajnandan	12
5	2042	Raut divyanshu kishor	13
6	2046	Andhale sneha Narayan	15
7	2047	Avhad priti sambhaji	16
8	90195	Parhad Anjali raghunath	14
9	90027	Tare jidnyasa kanti	18
10	90048	Dapat rohit raju	18
11	2052	Suryawanshi Aditya maroti	15
12	2056	Sonavane gayatri shantilal	08
13	2070	Khandare Sameer anil	14
14	2074	Kokate Nikhil shivaji	10
15	2086	Markam amruta suryabhan	16
16	2094	Vadekar manaswi haresh	16
17	2098	Gharat parth manohar	16
18	2099	Sahani rohitkumar shriram	18
19	2112	Kadav siddhesh shantaram	08
20	2116	More janhavi sushil	10
21	2127	Rayakar sahil suresh	11
22	90254	Singh kishan rajesh	15
23	90257	Hajare sakshi jalindar	18
24	90258	Govind vidyeshri vinayak	16
25	90237	Sharma anil ajay	15
26	90239	Dalvi kaushik Ramesh	10
27	90241	Vavare vishal Trimbak	12
28	90247	Ghute Gaurav vijay	18
29	90248	Dandekar jay dattatray	18
30	90236	Pandey dolly shailesh	16
31	90218	Jagtap rohit sudam	17
32	90219	Korada priyanka lakshman	12
33	90220	Dode Asmita raghunath	15
34	90214	Dubey nitin anilkumar	16
35	90200	Kudu bipin narrottam	18
36	90188	Rathod vikas gajanan	19
37	90185	Gharat Samarth kundan	13
38	90258	Govind vidyashri vinayak	14
39	90174	Kambhar bhavesh shiva	13
40	90161	Yadav rajanish rajlal	17
41	90158	Sambare mohini nathuram	17

42	90029	Pawar yash dinesh	12
43	90033	Fadvate amol mohan	18
44	2020	Churi vijaya ashok	11

Signature
Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany

8. List of Fast Learners*

Fast Learners* - Those students who have scored more than 50% Marks

Sr. No.	Roll number	Name of students	Marks obtained
1	2093	Patil poorva mahesh	16
3	2025	Pimple riya vilas	14
4	2041	Gond karan rajnandan	12
5	2042	Raut divyanshu kishor	13
6	2046	Andhale sneha Narayan	15
7	2047	Avhad priti sambhaji	16
8	90195	Parhad Anjali raghunath	14
9	90027	Tare jidnyasa kanti	18
10	90048	Dapat rohit raju	18
11	2052	Suryawanshi Aditya maroti	15
13	2070	Khandare Sameer anil	14
15	2086	Markam amruta suryabhan	16
16	2094	Vadekar manaswi haresh	16
17	2098	Gharat parth manohar	16
18	2099	Sahani rohitkumar shriram	18
21	2127	Rayakar sahil suresh	11
22	90254	Singh kishan rajesh	15
23	90257	Hajare sakshi jalindar	18
24	90258	Govind vidyeshri vinayak	16
25	90237	Sharma anil ajay	15
27	90241	Vavare vishal Trimbak	12
28	90247	Ghute Gaurav vijay	18
29	90248	Dandekar jay dattatray	18
30	90236	Pandey dolly shailesh	16
31	90218	Jagtap rohit sudam	17
32	90219	Korada priyanka lakshman	12
33	90220	Dode Asmita raghunath	15
34	90214	Dubey nitin anilkumar	16
35	90200	Kudu bipin narrottam	18

36	90188	Rathod vikas gajanan	19
37	90185	Gharat Samarth kundan	13
38	90258	Govind vidyashri vinayak	14
39	90174	Kambhar bhavesh shiva	13
40	90161	Yadav rajanish rajlal	17
41	90158	Sambare mohini nathuram	17
42	90029	Pawar yash dinesh	12
43	90033	Fadvate amol mohan	18
44	2020	Churi vijaya ashok	11

Signature
Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany

9. List of Slow Learners*

Note –

Slow Learners* - Those students who have scored less than 50% Marks

Sr. No.	Roll number	Name of students	Marks obtained
2	2022	Sapta bharati vasant	09
12	2056	Sonavane gayatri shantilal	08
14	2074	Kokate Nikhil shivaji	10
19	2112	Kadav siddhesh shantaram	08
20	2116	More janhavi sushil	10
26	90239	Dalvi kaushik Ramesh	10

Signature
Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany

10. Attendance Report

Note –

Day wise Attendance Report should be attached

Attendance Report of Remedial Coaching – Day 1

Date – 11/02/2023

Time -02.00 pm to 02.50 pm
02.55 pm to 03.45 pm



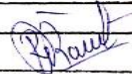
ATTENDANCE RECORD

Name of the Event: Remedial course

Name of the Mentor: Asst. Prof. Rudrakshi Raut Department: Botany

Date: 11/02/2023 Time: 3:00 pm Venue: 0-30

Sr.No.	Name of the Student	Class	Roll No.	Mobile No.	Signature
1	Jidnyasa Karkhane	FYBSC	90027	9036367738	Jidnyasa
2	Yash Dinesh Pawar	FYBSC	90029	7769874235	Yash
3	Kolit Raju Dapad	FYBSC	90048	9322316899	Kolit
4	Amol Mohan Kachare	FYBSC	90053	9322868312	Amol
5	Rahitkumar Shiram Sahni	FY BSc	2099	7058303847	Rahit
6	Mahini Narkar	F.Y. BSc	30158	8983907735	Mahini
7	Sakshi Jalindar Hajari	F.Y. BSc	40257	9322934875	Sakshi
8	Raath Chaudhary	FYBSC	2098	8788471905	Raath
9	Samarth K. Ghogre	F.Y. BSc	40185	9923608560	Samarth
10	Rashmi R. Yonay	F.Y. BSc	90161	9970508370	Rashmi
11	Anjali Raghunath Patil	FYBSC	90198	913035580	Anjali
12	Nijata Arlois Chur	F.Y. BSc	0020	8767052870	Nijata
13	Govind Vidyashri Vinay	FYBSC	90258	9766112960	Govind
14	Riya Vikas Pimple	F.Y. B.Sc	2025	7666310730	Riya
15	Manasvi Vadekar	FYBSC	2094	9270960886	Manasvi
16	Amruta Mankam	FYBSC	2086	9673444951	Amruta
17	Pooja Mahesh Patil	FYBSC	7093	8483072106	Pooja
18	Pooja Mahesh Pimple	FYBSC	—	—	Pooja
19	Garhi S. Sonawane	FYBSC	2056	9545847909	Garhi
20	Ashika Manish Sonawane	FYBSC	2052	8010951639	Ashika
21	Kishan Rajesh Singh	FYBSC	—	—	AB
22	Kaushik Ramesh Patil	FYBSC	—	—	AB
23	Murugesan M. Bhudora	FYBSC	—	—	AB
24	Vikas N. Kudde	FYBSC	—	—	AB
25	Garhi S. Sonawane	FYBSC	—	—	AB


Signature of Mentor

Signature
Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany

Attendance Report of Remedial Coaching – Day 2

Date – 13/02/2023

Time -02.00 pm to 02.50 pm
02.55 pm to 03.45 pm



Sonopant Dandekar Arts, V. S. Apte Commerce
AND M. H. MEHTA SCIENCE COLLEGE, PALGHAR
Palghar, Dist.-Palghar, Pin- 401 404. E-mail: sdscollege@yanoo.com

ATTENDANCE RECORD

Name of the Event: Remedial course
Name of the Mentor: Asst. Prof. Rudrakshi Raut Department: Botany
Date: 13/02/2023 Time: 2:45 PM Venue: D-30

Sr.No.	Name of the Student	Class	Roll No.	Mobile No.	Signature
1	Rohit Raju Dapal	FYBSc	90048	9322316899	<i>[Signature]</i>
2	Yash Dinesh Puroor	FYBSc	90029	7769874235	<i>[Signature]</i>
3	Amol Mohan Fadhate	FYBSc	90037	9322368312	<i>[Signature]</i>
4	Jidnyasa Kauri Jore	FYBSc	90027	9096367138	<i>[Signature]</i>
5	Mehini Nathuram Sambare	F.Y.B.Sc	90158	898390734	<i>[Signature]</i>
6	Satshi Jalindar Hgikar	FYBSc	90257	9322934975	<i>[Signature]</i>
7	Parth Ghavat	FYBSc	2098	87788471405	<i>[Signature]</i>
8	Samarth M. Ghanwat	F.Y.B.Sc.	90185	9923608560	<i>[Signature]</i>
9	Rohitkumar Shriram Sabnis	FYBSc	2099	7058303847	<i>[Signature]</i>
10	Manasvi Vadekar	F.Y.B.Sc	2094	9870962288	<i>[Signature]</i>
11	Amruta S. Marikar	F.Y.B.Sc	2086	9625444959	<i>[Signature]</i>
12	Rohit R. Yadav	F.Y.B.Sc	90161	9970508322	<i>[Signature]</i>
13	Riya Vikas Pimple	F.Y.B.Sc	2025	7666310730	<i>[Signature]</i>
14	Anjali Raghunath Pandit	FYBSc	90195	978255580	<i>[Signature]</i>
15	Vijaya Anand Chavan	F.Y.B.Sc	2020	8767052874	<i>[Signature]</i>
16	Govind Vidyaeshi Vinayak	F.Y.B.Sc	90258	9766112960	<i>[Signature]</i>
17	Pooja Mahesh Patil	FYBSc	2048	8183773106	<i>[Signature]</i>
18	Pooja Mahesh Pimple	FYBSc	—	—	<i>[Signature]</i>
19	Geetika S. Sonawane	FYBSc	2056	9545847909	<i>[Signature]</i>
20	Aditya Manohar Suryawanshi	FYBSc	2052	8010965639	<i>[Signature]</i>
21	Nitin N. Kudru	FYBSc	—	—	<i>[Signature]</i>
22	Kaushik Ramesh Dalvi	FYBSc	—	—	<i>[Signature]</i>
23	Vikas Ralhiwal	FYBSc	—	—	<i>[Signature]</i>
24	Kishan Rajesh Singh	FYBSc	—	—	<i>[Signature]</i>
25	Yogesh B. Runde	FYBSc	—	—	<i>[Signature]</i>

[Signature]
Signature of Mentor

Signature

**Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany**

Attendance Report of Remedial Coaching – Day 3

Date – 14/02/2023


**Time -02.00 pm to 02.50 pm
02.55 pm to 03.45 pm**



ATTENDANCE RECORD

Name of the Event: Remedial course
Name of the Mentor: Asst. Prof. Ruchakshi Rout Department: Botany
Date: 14/02/2023 Time: 2:50 PM Venue: 0-30

Sr.No.	Name of the Student	Class	Roll No.	Mobile No.	Signature
1	Rohit Raju Dapal	FYBSc	90048	9322316899	Rohit
2	Amol Mohan Fadavate	FYBSc	90032	9322868312	Amol
3	Jidnyasa Kanti Tam	FYBSc	90027	9096367738	Jidnyasa
4	Yash Dinesh Patrao	FYBSc	90029	7769871035	Yash
5	Sakshi Jalindar Hajale	F.Y.B.Sc	90257	9322934875	Seekshi
6	Mohini Nathuram Sambhar	F.Y.B.Sc	90158	8983907131	Mohini
7	Rajnish R. Yadav	F.Y.B.Sc	90161	9970508340	Rajnish
8	Pooja Pimple	FYBSc			AB
9	Riya Vikas Pimple	F.Y.B.Sc	2025	7666310730	Rpimple
10	Rohitkumar Shiram Sahni	FYBSc	2099	9058303847	R.sahni
11	Samarth K. Ghazat	F.Y.B.Sc	90185	9922608560	Samarth
12	Paath Ghazat	FYBSc	2098	8788471905	Paath
13	Manasvi Vaddekar	FYBSc	2094	9870962386	M.V.vaddekar
14	Amruta S. Marbom	F.Y.B.Sc	2026	9632444959	Amruta
15	Anjali R. Pathekar	FYBSc	90195	9130315580	Anjali
16	Vijaya Ashok Chavri	F.Y.B.Sc	2020	9761052846	Vijaya
17	Govind Vidyathri Vinayak	F.Y.B.Sc	90258	9766112960	Govind
18	Prerna Mahesh Patil	FYBSc	2093	8485073104	Prerna
19	Arbitya Mazhismayank	FYBSc	2052	8010965639	Arbitya
20	Gayatri S. Sonawane	FYBSc	2056	9545847969	Gayatri
21	Sumeer Anil Khandare	FYBSc	—	—	AB
22	Yogesh P. Dande	FYBSc	—	—	AB
23	Vikas Rathod	FYBSc	—	—	AB
24	Nitin N. Kudu	FYBSc	—	—	AB
25	Kishan Rajesh Singh	FYBSc	—	—	AB


Signature of Mentor

Signature
Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany

Attendance Report of Remedial Coaching – Day 4

Date – 15/02/2023

Time -02.00 pm to 02.50 pm
02.55 pm to 03.45 pm



SONPANT DANDEKAR ARTS, V. S. APTE COLLEGE
AND M. H. MEHTA SCIENCE COLLEGE, PALGHAR
Palghar, Dist-Palghar, Pin-401 404 E-mail: sdscollege@yanoo.com

ATTENDANCE RECORD

Name of the Event: Remedial course
Name of the Mentor: Asst. prof. Rudraleshi Bant Department: Botany
Date: 15/02/2023 Time: 2:00 pm Venue: D-30

Sr.No.	Name of the Student	Class	Roll No.	Mobile No.	Signature
1	YASH DINESH PAWAR	FYBSC	90029	7769874035	<i>[Signature]</i>
2	Jidnyasa Kant Tare	FYBSC	90024	9096367738	<i>[Signature]</i>
3	Amol Mohan Fadnis	FYBSC	90033	9322868312	<i>[Signature]</i>
4	Rohit Raju Dapal	FYBSC	90048	9822316899	<i>[Signature]</i>
5	Mohini Nathuram Sambare	FYBSC	90158	8983907134	<i>[Signature]</i>
6	Sakshi Jalindar Haisik	FYBSC	90257	9392434875	<i>[Signature]</i>
7	samarth k. Gharat	F.Y.B.Sc	90185	9923602560	<i>[Signature]</i>
8	Rajnish R. Yadav	F.Y.B.Sc	90161	9970508370	<i>[Signature]</i>
9	Anjali Baghunath Pawar	FYBSC	90195	9130315588	<i>[Signature]</i>
10	Vijaya Ashok Chum'	F.Y.B.Sc	2020	8767052846	<i>[Signature]</i>
11	Rohitkumar Shriram Sahni	FYBSC	2099	7058303247	<i>[Signature]</i>
12	Riya Vikas Pimple	F.Y.B.Sc	2025	7666310730	<i>[Signature]</i>
13	Parth Ahir	FYBSC	2098	8788471905	<i>[Signature]</i>
14	Manasvi Vadekar	FYBSC	2094	9370962386	<i>[Signature]</i>
15	Amruta S. Mankam	F.Y.B.Sc	2026	9670444459	<i>[Signature]</i>
16	Gavind Vidyashri Vinay	F.Y.B.Sc	90258	9766112960	<i>[Signature]</i>
17	Praveen Mahesh Bhat	FYBSC	2093	8083073104	<i>[Signature]</i>
18	Pranav Mahesh Pimple	FYBSC			AB
19	Gayatri Sankarane	FYBSC	2056	9545847907	<i>[Signature]</i>
20	Aditya Manohar Sawant	FYBSC	2052	8010965639	<i>[Signature]</i>
21	Vikas Rathod	FYBSC			AB
22	Nitin N. Kaulu	FYBSC			AB
23	Yuvraj M. Bhurane	FYBSC			AB
24	Kaushik Ramesh Dethi	FYBSC			AB
25	Kishan Rajesh Singh	FYBSC			AB

[Signature]
Signature of Mentor

Signature

Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany

Attendance Report of Remedial Coaching – Day 5

Date – 16/02/2023

Time -02.00 pm to 02.50 pm
02.55 pm to 03.45 pm



Sonopant Dandekar Arts, V. S. Apte Commerce
AND M. H. MEHTA SCIENCE COLLEGE, PALGHAR
Palghar, Dist-Palghar Pin-401 404 E-mail: sdsrncollege@yanoo.com

ATTENDANCE RECORD

Name of the Event: Remedial Course
Name of the Mentor: Asst. prof. Rudrakshi Raut Department: Botany
Date: 16/02/2023 Time: 2:50 PM Venue: 0-30

Sr.No.	Name of the Student	Class	Roll No.	Mobile No.	Signature
1	Amal Mahan Fadhate	F.Y.B.Sc	90033	9322368312	[Signature]
2	Rohit Raju Dapad	F.Y.B.Sc	90048	9322316899	[Signature]
3	Yash Dinesh Pawar	F.Y.B.Sc	90029	7769874235	[Signature]
4	Jidnyasa Kamal Tare	F.Y.B.Sc	90021	9096267738	[Signature]
5	Mohini Nandharom Sambane	F.Y.B.Sc	30158	898380734	[Signature]
6	Sakshi Jalinda Hajare	F.Y.B.Sc	90257	9322434875	[Signature]
7	Rohitkumanshitram Sahni	F.Y.B.Sc	2099	9052303847	[Signature]
8	Manasvi Nadekar	F.Y.B.Sc	2094	9870902800	[Signature]
9	Parth Ahadat	F.Y.B.Sc	2093	8788471905	[Signature]
10	Amruta S. Markam	F.Y.B.Sc	2086	9623444959	[Signature]
11	Riya Vikas Pimple	F.Y.B.Sc	2025	7666310730	[Signature]
12	Smruthi K. Ghemur	F.Y.B.Sc	90155	9923008560	[Signature]
13	Pranish R. Yadav	F.Y.B.Sc	90161	9970502320	[Signature]
14	Anjali Ashunath Pachad	F.Y.B.Sc	90195	9130315580	[Signature]
15	Vijaya Ashok Chauri	F.Y.B.Sc	2020	8761052800	[Signature]
16	Govind Vidyashri Vinayak	F.Y.B.Sc	90252	9766112960	[Signature]
17	Ramya Mahesh Raut	F.Y.B.Sc	2093	943077104	[Signature]
18	Aditya Mahesh Inyavandi	F.Y.B.Sc	2052	8010965639	[Signature]
19	Rajeev Mahesh Pimple	F.Y.B.Sc			[Signature]
20	Gayatri S. Somwarane	F.Y.B.Sc	2056		[Signature]
21	Nitin N. Kuri	F.Y.B.Sc			[Signature]
22	Vikas Rathod	F.Y.B.Sc			[Signature]
23	Suyodh M. Bhugara	F.Y.B.Sc			[Signature]
24	Kaushik Ramesh Dalvi	F.Y.B.Sc			[Signature]
25	Kishan Rajesh Singh	F.Y.B.Sc			[Signature]

[Signature]
Signature of Mentor

Signature
Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany

Attendance Report of Remedial Coaching – Day 6

Date – 17/02/2023

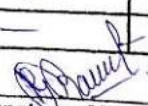
Time -02.00 pm to 02.50 pm
02.55 pm to 03.45 pm



ATTENDANCE RECORD

Name of the Event: Remedial course
Name of the Mentor: Asst. prof. Rudrakshi Bapat Department: Botany
Date: 17/02/2023 Time: 2:00 pm Venue: 10-30

Sr.No.	Name of the Student	Class	Roll No.	Mobile No.	Signature
1	Jidhyasa Kant Tare	FYBSc	90027	9096367733	Jidhyasa
2	Rohit Raju Dapal	FYBSc	70048	9822316899	Rohit
3	Yash Dinesh Patil	FYBSc	90029	7769874235	Yash
4	Amol Mohan Fadhate	FYBSc	90033	9322868312	Amol
5	Sakshi Jalindar Helare	FYBSc	90257	9322934875	Sakshi
6	Mohini N. Atharambhar	F.Y. BSc	90158	8983907731	Mohini
7	Riya Vikas Pimple	F.Y. B.Sc	2025	7666310730	R. Pimple
8	Rohitkumar shiram satri	FY. BSc	2039	7058303849	Rohit
9	Manasvi Vadekar	FY BSc	2094	9970962386	M. Vadekar
10	Paarth Chavate	FYBSc	2098	8788471905	Paarth
11	Pratik R. Yadav	FY. BSc	90161	9970568342	Pratik
12	Aravind S. Marikar	F.Y. BSc	2086	9673444955	Aravind
13	Sumant K. Ghatge	F.Y. BSc	90185	9923608560	Sumant
14	Anjali Raghunath Patil	FYBSc	90195	9192315580	Anjali
15	Govind Vidyashri Vinayak	FYBSc	90258	9766112960	Govind
16	Pooja Mahesh Patil	FYBSc	2093	8083077106	Pooja
17	Surajwanshi Patil	FYBSc	2052	8010961634	Surajwanshi
18	Pooja Mahesh Pimple	FYBSc	—	—	Pooja
19	Gayatri S. Sonawane	FYBSc	2056	9545847909	Gayatri
20	Muhammad M. Bhutani	FYBSc	—	—	AB
21	Kaushik Ramesh Mali	FYBSc	—	—	AB
22	Nikil Rathod	FYBSc	—	—	AB
23	Nitin N. Kulkarni	FYBSc	—	—	AB
24	Kishan Rajesh Singh	FYBSc	—	—	AB
25	Yogesh P. Bunde	FYBSc	—	—	AB


Signature of Mentor

Signature
Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany

11. Geo Tag Photos



Signature
Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany

DEPARTMENT OF BOTANY-PG

Remedial Coaching Report: 2022-23

INDEX

Sr. No.	Particular	Page No.
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Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

(Best College - University of Mumbai)

(Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019')

NOTICE

Remedial Lectures

Department of Botany

Remedial classes have been organized for the **MSc-I** students whose performance is found to be dissatisfactory in the subject of **Botany**. All the concerned **MSc-I** students are hereby informed to contact their respective teacher coordinator.

Further students may note that:

- It is mandatory for all the concerned students to attend remedial classes.
- The Test will be conducted for the Remedial Coaching twice during the period.
- Attendance for both the test is mandatory.

Signature
Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany

1. Report of the Programme

Department of Botany, Sonopant Dandekar Arts College, V.S. Apte Commerce College and M.H. Mehta Science College, Palghar has taken remedial coaching for F.Y.BSc students on 22/02/2023 to 28/02/2023. 04 participants were present for the same.

The aim of the coaching was to identify slow and fast learners so that it will help the students to improve their studies.

The Coaching was conducted for a period of one week 22/02/2023 to 28/02/2023 in botany lab-2 by Prof. Kalyani Joshi.

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Co – Curriculum	Remedial Coaching	22/02/2023 to 28/02/2023	Classroom No.	Name of the Faculty Member	
	Remedial Coaching	03:00 pm to 03.50 pm	Botany lab-2	Prof.Kalyani Joshi.	04

Signature
Coordinator of the Programme

Signature
Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany

2. Brochure:

Department of Botany

Remedial Coaching for MSc-I: 2022 - 2023

Signature
Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany

3. Syllabus

Name of the Subject: Botany Paper I and II, III, IV
Class: MSc-I

Syllabus for Remedial Coaching

- 1. Reproduction in algae**
- 2. Isoetes monocotyledon theory**

- 3. Plant growth regulators**
- 4. Introduction to virology.**
- 5. Types of virus**

Signature
Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany

4. Time Table

Time Table for Remedial Coaching

Name of the Subject – Botany

Class – MSc-I

Date – 22/02/2023 to 28/02/2023

Day	Time	Classroom No.
22/02/2023	3:00 pm to 3:50 pm	Botany lab-2
23/02/2023	3:00 pm to 3:50 pm	Botany lab-2
24/02/2023	3:00 pm to 3:50 pm	Botany lab-2
25/02/2023	3:00 pm to 3:50 pm	Botany lab-2
27/02/2023	3:00 pm to 3:50 pm	Botany lab-2
28/02/2023	3:00 pm to 3:50 pm	Botany lab-2

Signature
Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany

6. Test Paper of Remedial Coaching

**Class – MSc-I
03.00 pm to 03.50 pm**

**Time -
Room No. botany lab-2**

Marks – 20

Total

**Q.1. Write answer of following questions
20 marks**

- a) Describe asexual and sexual spore bearing structure in various types of algae.**
- b) Describe the Isoetes monocotyledons theory**
- c) Describe plant growth regulator- cytokinin.**
- d) Describe the introduction of Baculovirus.**

**Signature
Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany**

7. Sample answer paper:

Sonopant Dandekar Arts College, V. S. Apte Commerce College & M. H. Mehta Science College & R. H. Save Arts, Seth C. J. Bhanushali Coll. & B. A. Dandekar Science Jr. College Palghar, Dist. Palghar.

Date: 26/10/2023
 Signature: [Handwritten Signature]
 Question No: [Blank]
 Class: 12
 Subject: Botany

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks	5	5	5	5	5	5	5	5	5	5	5	5	65

Ans the following question:

Q.1. Describe the sexual and asexual spore bearing structures in various groups of algae?

Sexual reproduction:

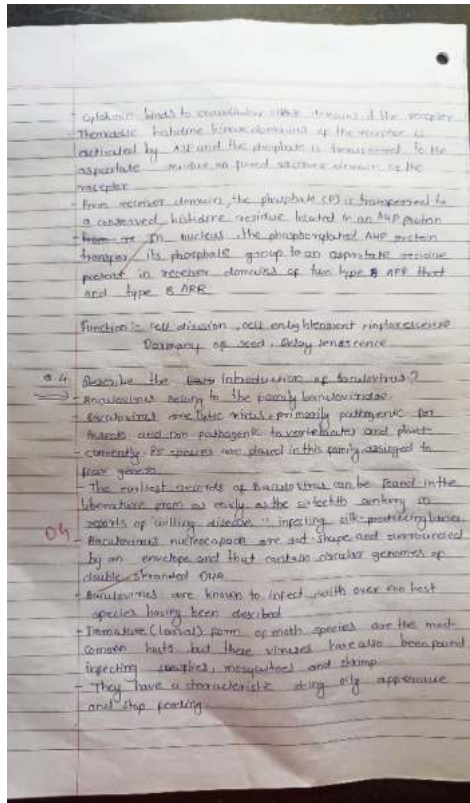
- Asexual reproduction involves the formation of one or more of the following types of spores - zoospores, aplanospores, hypospores, carpospores, teliospores, endospores and eucarpia. These may be found in many vegetative cells (unilocular) or in specially differentiated cells called sporangia (C-ventrals in eukaryotes and dikaryia).
- The zoospore which probably constitutes the most important kind of asexual spore in a motile body equipped with two or more flagella normally contains a chromoclastose nucleus and an eye spot.
- Aplanospores and zoospores are non-motile and have a definite cell wall distinct from the parent wall.
- If the aplanospore wall is in all respects except size, it is spoken of as an autospore.
- The endospore and eucarpia of the cyanophyta are analogous to the aplanospore of the chlorophyta but not homologous because the form aplanospore indicates a derivation from the mitotic zoospore which are not met with in the blue green algae.
- Autospore formation/formation occurs in many members.

Sexual reproduction:

- In green algae, the gametes are produced in large numbers by meiosis and are called zoospores. The zoospores are released in the vegetative period and are capable of swimming. The zoospores may be released from the parent cell or from a special cell called zoosporangium.
- In red algae, the gametes are produced in large numbers by meiosis and are called gametes. The gametes are released from the parent cell or from a special cell called gametangium.
- In brown algae, the gametes are produced in large numbers by meiosis and are called gametes. The gametes are released from the parent cell or from a special cell called gametangium.
- In blue-green algae, the gametes are produced in large numbers by meiosis and are called gametes. The gametes are released from the parent cell or from a special cell called gametangium.

Sexual reproduction:

- In green algae, the gametes are produced in large numbers by meiosis and are called gametes. The gametes are released from the parent cell or from a special cell called gametangium.
- In red algae, the gametes are produced in large numbers by meiosis and are called gametes. The gametes are released from the parent cell or from a special cell called gametangium.
- In brown algae, the gametes are produced in large numbers by meiosis and are called gametes. The gametes are released from the parent cell or from a special cell called gametangium.
- In blue-green algae, the gametes are produced in large numbers by meiosis and are called gametes. The gametes are released from the parent cell or from a special cell called gametangium.



8. Attendance of Test

Attendance Report of Remedial Coaching Test

Name of the Subject - Botany

Class - MSc-I

Date - 28/02/2023
03.50 pm

Time - 03.00 pm to

Sr. No.	Roll number	Name of students
1	15003	Yogita mahala
2	15008	Harshada wagh
3	15014	Sonali mahala
4	15022	Pratiksha waratha

9. Overall mark List

Mark List of Remedial Test Coaching

Name of the Subject - Botany

Class – MSc-I

**Date – 28/02/2023
pm**

Time - 03.00 pm to 03.50

Sr. No.	Roll number	Name of students	Marks obtained
1	15003	Yogita mahala	18
2	15008	Harshada wagh	15
3	15014	Sonali mahala	15
4	15022	Pratiksha waratha	14

Signature
Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany

10.List of Fast Learners*

Fast Learners* - Those students who have scored more than 50% Marks

Roll. No.	Name of the Student	Total Marks Scored out of 20
15003	Yogita mahala	18
15008	Harshada wagh	15
15014	Sonali mahala	15
15022	Pratiksha waratha	14

Signature
Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany

11.List of Slow Learners*

Note –

Slow Learners* - Those students who have scored less than 50% Marks

Sr. No.	Name of the Student	Total Marks Scored out of 20
	Nil	

Signature
Head of the Department
Prof. Bhagwan Jaisw
Department of Botan

12.Attendance Report

Note –

Day wise Attendance Report should be attached

Attendance Report of Remedial Coaching – Day 1

Date – 22/02/2023

03.50 pm

Time -03.00 pm to

ATTENDANCE RECORD

Name of the Event: Remedial course
 Name of the Mentor: Arundhati Kalyani Joshi Department: Botany
 Date: 22/02/2020 Time: 2:00pm Venue: Botany lab - 2

Sr.No.	Name of the Student	Class	Roll No.	Mobile No.	Signature
1	Harshada N. Wagh	Msc - I	15008		<i>(Signature)</i>
2	Pratisha R. Warathe	Msc - I	15012		<i>(Signature)</i>
3	Sonal C. Mahala	Msc - I	15014		<i>(Signature)</i>
4	Yogita Mahala	Msc - I	15013		<i>(Signature)</i>
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 Signature of the Head of the Department

Signature
Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany

Attendance Report of Remedial Coaching – Day 2





Date – 23/02/2023
pm to 03.50 pm

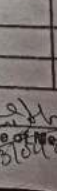
Time 03.00

**SONPANT DANDEKAR ARTS, V. S. APTE COMMERCE
AND M. H. MEHTA SCIENCE COLLEGE, PALGHAR**
Palghar, Dist-Palghar, Pin-401 404 E-mail: sdpcoll@rediffmail.com

ATTENDANCE RECORD

Name of the Event: Remedial course
Name of the Mentor: Asst prof. Kalpani K. Joshi Department: Botany
Date: 23/02/2023 Time: 3.00pm Venue: Botany lab 2

Sr.No.	Name of the Student	Class	Roll No.	Mobile No.	Signature
1	Harshada N. Wagh	Msc-I	15098		
2	Pratiksha R. Warathe	Msc-I	15022		
3	Sonali C. Mahala	Msc-I	15014		
4	Yogita Mahala	Msc-I	15003		
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Signature of Mentor
23/02/2023

Signature
Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany

Attendance Report of Remedial Coaching – Day 3

Date – 24/02/2023
pm to 03.50 pm

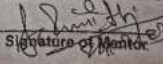
Time -03.00


SONOPANT DANDEKAR SHIKSHAN SAMITHI'S
AND M. H. MEHTA SCIENCE COLLEGE, PALGHAR
Palghar, Dist. Palghar, Pin-401 404 E-mail: sismcollege@yaroop.com

ATTENDANCE RECORD

Name of the Event: Remedial Coaching
 Name of the Mentor: Asst. prof. Kalyani Joshi Department: Botany
 Date: 24/02/2023 Time: 3:00 pm Venue: Botany lab-2

Sr.No.	Name of the Student	Class	Roll No.	Mobile No.	Signature
1	Hanshika Nandlal	MSc-I	15008		<i>[Signature]</i>
2	Pratiksha R. Noratho	MSc-I	15022		<i>[Signature]</i>
3	Sonal C. Mahala	MSc-I	15014		<i>[Signature]</i>
4	Yogita Mahala	MSc-I	15005		<i>[Signature]</i>
5					
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 Signature of Mentor

Signature
Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany

Attendance Report of Remedial Coaching – Day 4

Date – 25/02/2023

03.50 pm

Time -03.00 pm to

ATTENDANCE RECORD

Name of the Event: Remedial course
 Name of the Mentor: Asst. prof. Kalgode Jodi Department: Botany
 Date: 21/01/2023 Time: 2:30 pm Venue: Botany Lab-2

Sr.No.	Name of the Student	Class	Roll No.	Mobile No.	Signature
1	Hemshada N. Wagh	MSc-3	15008		[Signature]
2	Pratikha R. Warathe	MSc-I	15001		[Signature]
3	Sonal C. Mahala	MSc-I	15014		[Signature]
4	Yogita Mahala	MSc-I	15005		[Signature]
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[Signature]
 Signature of Head of the Department

Signature
 Head of the Department
 Prof. Bhagwan Jaiswal
 Department of Botany

Attendance Report of Remedial Coaching – Day 5

Date – 27/02/2023
03.50 pm

Time -03.00 pm to

SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE
AND M. H. MEHTA SCIENCE COLLEGE, PALGHAR

ATTENDANCE RECORD

Name of the Event: Remedial Course
Name of the Mentor: Asst prof. Kalyani Joshi Department: Botany
Date: 27/02/2023 Time: 3:50 pm Venue: Botany Lab 2

Sr. No.	Name of the Student	Class	Roll No.	Mobile No.	Signature
1	Harshada N. Wagh	Kypt-7	15008		<i>[Signature]</i>
2	Pratiksha P. Karathe	Msc-I	15012		<i>[Signature]</i>
3	Sonal - C. Mahala	Msc-I	15014		<i>[Signature]</i>
4	Yogita Mahala	Msc-I	15013		<i>[Signature]</i>
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22					
23					
24					
25					

[Signature]
Signature of Mentor

Signature

**Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany**

Attendance Report of Remedial Coaching – Day 6

Date – 28/02/2023

pm

Time -03.00 pm to 03.50



ATTENDANCE RECORD

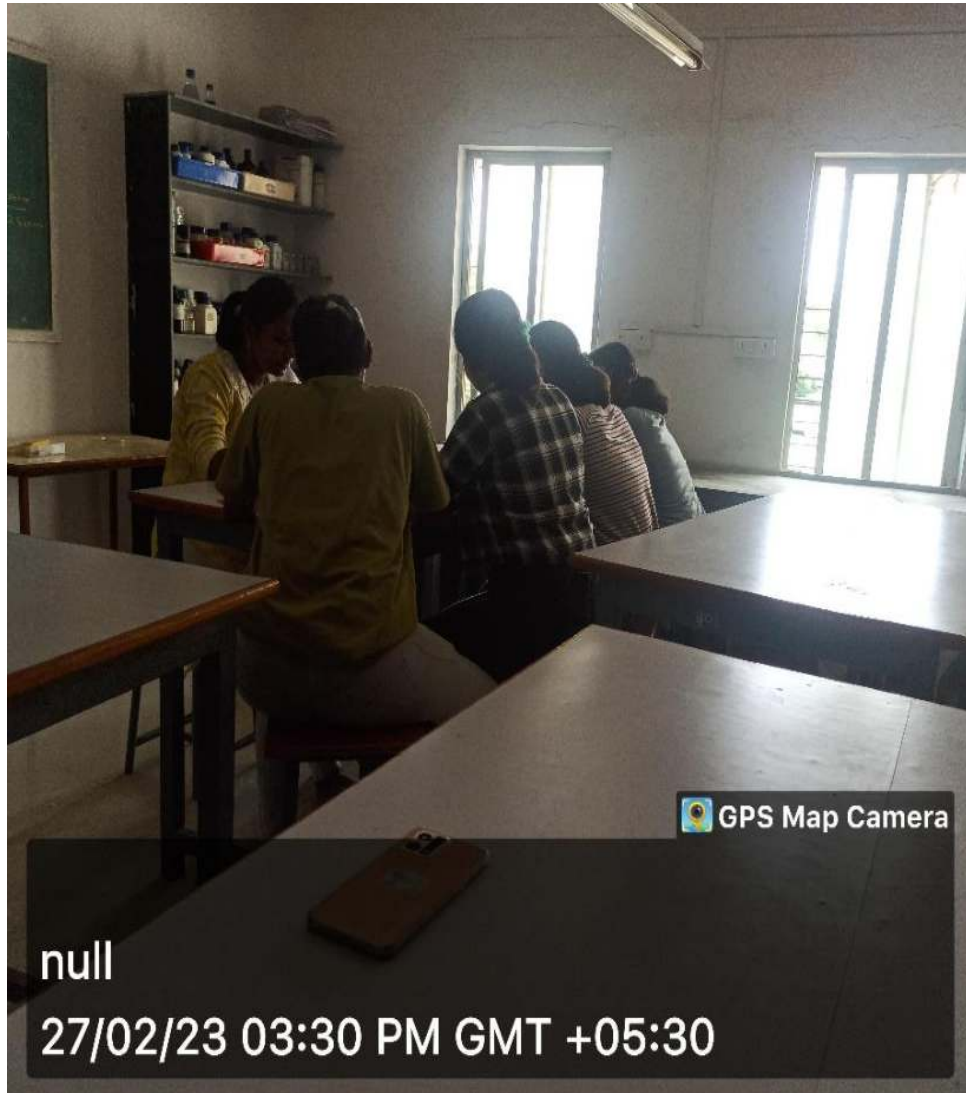
Name of the Event: Remedial course
Name of the Mentor: Asst. prof. Kalyani Desai Department: Botany
Date: 28/02/2023 Time: 3:00 PM to 5:30 PM Venue: Botany Lab-2

Sr.No.	Name of the Student	Class	Roll No.	Mobile No.	Signature
1	Harshada N. Wagh	Msc-I	15008		[Signature]
2	Palitkhe P. Worath	Msc-I	15002		[Signature]
3	Sonali C. Mahala	Msc-I	15014		[Signature]
4	Yogita Mahala	Msc-I	15005		[Signature]
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[Signature]
Signature of Mentor

Signature
Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany

12. Geo Tag Photos



Signature
Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany

DEPARTMENT OF BUSINESS ECONOMICS

Remedial Coaching Report: 2022-2023

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NOTICE

Remedial Lectures

Department of Business Economics

Remedial classes have been organized for the **F.Y.B.Com** students whose performance is found to be dissatisfactory in the subject of **Business Economics**. All the concerned **F.Y.B.Com** students are hereby informed to contact their respective teacher coordinator.

Further students may note that:

- It is mandatory for all the concerned students to attend remedial classes.
- The Test will be conducted for the Remedial Coaching twice during the period.
- Attendance for both the test is mandatory.

Dr. Yogesh M. Kulkarni
Head of the Department
Department of Business
Economics

Date: 25/01/2023

NOTICE

Department of Business Economics

REMEDIAL COURSE

All F.Y.B.Com Students of senior college hereby informed that the Department of Business Economics is starting a Remedial Course from 30th Jan 2023 to 06th Feb 2023.

Enrollment for the above course should be done on or before 28th Jan 2023. All the concerned **F.Y.B.Com** students are hereby informed to contact their respective teacher coordinator.

Dr. Yogesh M. Kulkarni
Dr. Kiran Save
Head & Course Co-Ordinator
Principal

Department of Business Economics

2. Report of the Programme

Department of Business Economics

Department of Business Economics, Sonopant Dandekar Arts College, V.S. Apte Commerce College and M.H. Mehta Science College, Palghar has taken remedial coaching for F.Y.BCom (Remedial Course) students on 30.01.2023 to 06.02.2023. Total 15 participants were present for the same.

The aim of the coaching was to identify slow and fast learners so that it will help the students to improve their studies.

The Coaching was conducted for a period of one week 30.01.2023 to 06.02.2023 in M-14 by Dr. Yogesh M. Kulkarni and Asst. Prof. Shalaka Gharat.

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Module I	Introduction to Business Economics	30.01.2023	M-14	Dr. Yogesh M. Kulkarni	15
Module II	Demand Analysis, Elasticity of demand	31.01.2023	M-14	Dr. Yogesh M. Kulkarni	15
Module II	Demand forecasting	01.02.2023	M-14	Asst. Prof. Shalaka Gharat	15

Module III	Theory of production – short run & long run analysis	02.02.2023	M-14	Asst. Prof. Shalaka Gharat	15
Module IV	Cost of production & Breakeven analysis	03.02.2023	M-14	Dr. Yogesh M. Kulkarni	15
Case Study	Case Study of AR, MR, TR, AC, MC, TC & PBPM, NPVM, IRRM, etc	04.02.2023	M-14	Dr. Yogesh M. Kulkarni	15
Test	As per Syllabus of Remedial Course	06.02.2023	M-14	Dr. Yogesh M. Kulkarni Asst. Prof. Shalaka Gharat	15

Signature
Coordinator of the Programme
Department

Signature
Head of the

3. Brochure:

Department of Business Economics

Remedial Coaching for F.Y.Bcom (Class): 2022 - 2023

Department

**Signature
Head of the**

4. Pamphlet of Remedial Course

SONOPANT DANDEKAR ARTS, V.S. APTE COMMERCE & M.H.MEHTA SCIENCE COLLEGE, PALGHAR

REMEDIAL COURSE - GIVING STUDENTS A SECOND CHANCE TO
SHINE"



5. Introduction of Remedial Course:

“Remedial Course – Giving students a second chance to shine.”

The Remedial Course specifically focus on the topics that have already been taught in the class, the same topics are repeated and explained again in the remedial classes for the students who have difficulty in understanding them easily.

Remedial teaching is the use of activities, techniques and practices to remove weaknesses that the slow learner is known to have. Remedial teaching is the instructional work carried out to provide remedial measures to help the students to get rid of their common or specific weaknesses.

Objective:

- To develop academic skills of the students in various subjects.
- To offer learning activities and practical experiences to students according to their academic background.
- To raise the level of understanding of students in basic subjects.
- Help students to overcome the difficulties in the particular subject.

6. Syllabus

Name of the Subject: Business Economics

Class: F.Y.BCom

Syllabus for Remedial Coaching

Sr. No.	Modules at a glance
1	Introduction to Business Economics
2	Demand Analysis, Elasticity of demand & demand forecasting
3	Theory of production – short run & long run analysis
4	Cost of production & Breakeven analysis along with case study

Department

**Signature
Head of the**

7. Time Table

Time Table for Remedial Coaching

**Name of the Subject – Business Economics
Class –F.Y.B.Com**

Day	Date	Time	Classroom No.
Monday	30.01.2023	11.55am to 12.45pm	M-14

Tuesday	31.01.2023	11.55am to 12.45pm	M-14
Wednesday	01.02.2023	11.55am to 12.45pm	M-14
Thursday	02.02.2023	11.55am to 12.45pm	M-14
Friday	03.02.2023	11.55am to 12.45pm	M-14
Monday	04.02.2023	11.55am to 12.45pm	M-14
Tuesday	06.02.2023	11.55am to 12.45pm	M-14

Signature
Head of the Department

8. Test Paper of Remedial Course

Business Economics

F.Y.Bcom Remedial Course (Remedial - Test)

Class –F.Y.B.Com
11.55am to 12.45pm
Room No. – M-14
20

Time –
Max Marks –

Business Economics
F.Y.Bcom Remedial Course (Remedial - Test)

Class – F.Y.B.Com
Room No. M-14

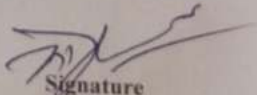
Time – 11.55am to 12.45pm
Max Marks – 20

Q. 1 Select the most appropriate answer from the options. (10)
(Each question carries five marks)

- The point at which the quantity demanded equals supplied is the _____.
a) Total supply c) Total demand
b) Equilibrium point d) None of these
- Under monopoly there is _____ seller.
a) Single b) Few c) Large d) None of these
- Goal of price discrimination is _____.
a) Increasing sales and profit maximization c) Exploitation
b) Social justification d) Poverty alleviation
- Under Monopolistic competition, firm is a _____.
a) Price taker c) Price maker
b) Supply manager d) All of the above.
- _____ is the cost that has already been incurred and cannot be recovered
a) Fixed cost b) Sunk cost c) Private cost d) Social cost

Q. 2 Attempt any two out of three. (10)
(Each question carries five marks)

- What are the features of Oligopoly.
- Explain the term cost plus pricing.
- What is break-even point?


Signature
Head of the Department

Signature

Department

Head of the

a. Attendance of Test

Attendance Report of Remedial Coaching Test

Name of the Subject –Business Economics

Class –

F.Y.Bcom

Date –06.02.2023

Time –

11.55am to 12.45pm

9. Attendance of Test

Attendance Report of Remedial Coaching Test

Name of the Subject –Business Economics

Class –F.Y.Bcom

Date –06.02.2023

Time –11.55am to 12.45pm

Sr. No.	Roll No.	Name of Student	Signature
1	1026	Barad Utkarsha Naresh	D.N. Barad
2	1029	Shaikh Athar Ilyas	Shaikh
3	1035	Kulkarni Pratiksha Suresh	P.Kulkarni
4	1037	Vaze Rahul Hemant	R.H. Vaze
5	1041	Sahane Payal Ganesh	P.Sahane
6	60087	Patil Prathmesh Kalpesh	P.Patil
7	60089	Kambi Sapna Raghunath	S.Kambi
8	60090	Thakur Nrutika Hanumant	N.Thakur
9	60091	More Prachiti Dinkar	P.D. More
10	60092	More Prachiti Dinkar	P.D. More


Signature
Head of the Department

Signature
Head of the Department

9. Mark List

Mark List of Remedial Test Coaching

Name of the Subject –Business Economics

Class –F.Y.Bcom

Date –06.02.2023

Time –11.55am to

12.45pm

10. Mark List

Mark List of Remedial Test Coaching

Name of the Subject – Business Economics Class – F.Y. Bcom

Date – 06.02.2023

Time – 11.55am to 12.45pm

Sr. No.	Roll No.	Name of Student	Marks
1	1026	Barad Utkarsha Naresh	05
2	1029	Shaikh Athar Ilyas	15
3	1035	Kulkarni Pratiksha Suresh	10
4	1037	Vaze Rahul Hemant	07
5	1041	Sahane Payal Ganesh	03
6	60087	Patil Prathmesh Kalpesh	17
7	60089	Kambi Sapna Raghunath	09
8	60090	Thakur Nutika Hanumant	13
9	60091	More Prachiti Dinkar	16
10	60092	More Prachiti Dinkar	12


Signature
Head of the Department

Department

Signature
Head of the


10.List of Fast Learners*

Note – Fast Learners* - Those students who have scored more than 50% Marks

11.List of Fast Learners*

Note – Fast Learners* - Those students who have scored more than 50% Marks

Sr. No.	Roll No.	Name of Student	Signature
1	1029	Shaikh Athar Ilyas	15
2	1035	Kulkarni Pratiksha Suresh	10
3	60087	Patil Prathmesh Kalpesh	17
4	60090	Thakur Nrutika Hanumant	13
5	60091	More Prachiti Dinkar	16
6	60092	More Prachiti Dinkar	12

Signature 
Head of the Department

Department

Signature
Head of the

11. Answer Sheet of Fast Learners

Sonopant Dandekar Arts College, V.S. Apte Commerce College & M. H. Mehta Science College & R. H. Save Arts, Seth C. J. Bhanushali Com. & B. A. Dandekar Science Jr. College Palghar, Dist. Palghar.

1029

Date: _____ Class: _____ Subject: _____

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks													15 20

(1)

- The point at which the quantity demanded equals supplied is the equilibrium point.
- Under monopoly there is single seller.
- Goal of price discrimination is increasing sales and profit maximization.
- Under Monopolistic Competition, firm is a price maker.
- Fixed Cost is the cost that has already been incurred and cannot be recovered.

10

(2)

3) What is break even point?

Meaning - The break even point is the point at which total cost and total revenue are equal, meaning there is no loss or gain for your small business. In other words, you've reached the level of production at which the cost of production equals the revenues for a product.

02

1) What are the features of oligopoly?

Ans) Meaning - The term oligopoly is derived from 'oligo' meaning few and 'polis' meaning to sell. It is a market situation where the number of big sellers of a commodity is less and the number of buyers is more is known as oligopoly market.

* Features of oligopoly

03

- Small firm
- Non-price competition
- Interdependence
- Barriers to entry of firms
- Risk of selling costs
- Nature of the products
- Group behaviour

Supplement No.

Candidate's Seat No. 1035

Date: _____ Class: _____ Subject: _____

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks													10

Q.1

1. The point at which the quantity demanded is equal to quantity supplied is the Equilibrium point.
2. Under Monopoly there is single seller.
3. Goal of price discrimination is increasing sales and profit maximization.
4. Under monopolistic competition, firm is a price taker.
5. Sunk Cost is the cost that has already been incurred & cannot be recovered.

08

Q.2

1. what are features of oligopoly.

Ans-

Meaning-

Oligopoly market are markets dominated by a small number of suppliers. they can be found in all countries and across a broad range of sectors. Some oligopoly market are competitive while others are significantly less so, or can at least appear that way.

→ feature of oligopoly

1. profit maximization.
2. price setting.
3. High barriers to entry & exit.
4. Few firms.
5. Abnormal long run profit.
6. product differentiation.
7. perfect knowledge.
8. Interdependence.

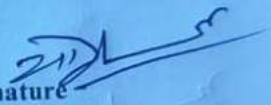
12.List of Slow Learners*

Note – Slow Learners* - Those students who have scored less than 50% Marks

13.List of Slow Learners*

Note – Slow Learners* - Those students who have scored less than 50% Marks

Sr. No.	Roll No.	Name of Student	Signature
1	1026	Barad Utkarsha Naresh	05
2	1037	Vaze Rahul Hemant	07
3	1041	Sahane Payal Ganesh	03
4	60089	Kambi Sapna Raghunath	09


Signature
Head of the Department

Department

**Signature
Head of the**

13. Answer Sheet of Slow Learners



Jr. Sup. Signature with Date

Supplement No.

1026

Candidate's Seat No.

Date	Class :												Subject :
Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks													05
													20

Q1.

1] Equilibrium point

2] Single

3] Increasing sales and profit maximization.

4] Price taker

5] Sunk Cost

Q2.

→ 1] Few seller

2] Homogenous and Heterogenous product

3] Indeterminant demand curve

4] Price Rigidity

5] Independence among the firm.

6] Advertising and selling cost.

7] Barriers to entry.

→ 3] Break even point (BEP) is the point where total revenue is equal to the total cost. The company makes neither profit nor loss.

$$BEP = TR - TC = 0$$

$$BEP = \frac{\text{fixed cost}}{\text{selling price} - \text{variable cost}}$$

Sonopant Dandekar Arts College, V. S. Apte Commerce College &
 M. H. Mehta Science College & R. H. Save Arts, Seth C. J. Bhanushali Com. &
 B. A. Dandekar Science Jr. College Palghar, Dist. Palghar.



Jr. Sup. Signature with Date

Supplement No.

1037

Candidate's Seat No.

Date: _____

Class: _____

Subject: _____

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks													07
													20

Q1-1] The point at which the quantity demanded equals supplied is the equilibrium point.

2] Under monopoly there is single seller

3] Goal is price discrimination is increasing sales and profit maximization

4] Under monopolistic competition, firm is a price maker

5] Sunk cost is the cost that has already been incurred and cannot be recovered.

Q2-1] Features of oligopoly:

i] Indeterdependence

ii] Price maker

iii] Barriers to entry

iv] Non-price competition

v] Product differentiation

3] The break-even point is the point at which total cost and total revenue are equal, there is no loss and gain for your small business.

14. Attendance Report

Attendance Report of Remedial Coaching – Day 1

Date –30.01.2023
12.45pm

Time –11.55am to

15. Attendance Report

Attendance Report of Remedial Coaching – Day 1

Date –30.01.2023

Time –11.55am to 12.45pm

Sr. No.	Roll No.	Name of Student	Signature
1	1026	Barad Utkarsha Naresh	U.N. Barad
2	1029	Shaikh Athar Ilyas	Shaikh
3	1035	Kulkarni Pratiksha Suresh	PKulkarni
4	1037	Vaze Rahul Hemant	R.H. Vaze
5	1041	Sahane Payal Ganesh	PSahane
6	60087	Patil Prathmesh Kalpesh	PKPatil
7	60089	Kambi Sapna Raghunath	SKambi
8	60090	Thakur Nrutika Hanumant	NTThakur
9	60091	More Prachiti Dinkar	P.D. More
10	60092	More Prachiti Dinkar	PShetty

Signature

Head of the Department

Department

Signature
Head of the

Attendance Report of Remedial Coaching – Day 2

**Date –31.01.2023
12.45pm**


Time –11.55am to

Attendance Report of Remedial Coaching – Day 2

Date –31.01.2023

Time –11.55am to 12.45pm

Sr. No.	Roll No.	Name of Student	Signature
1	1026	Barad Utkarsha Naresh	U.N. Barad
2	1029	Shaikh Athar Ilyas	Dinkar
3	1035	Kulkarni Pratiksha Suresh	RSKulkarni
4	1037	Vaze Rahul Hemant	R.H.vaze
5	1041	Sahane Payal Ganesh	PSahane
6	60087	Patil Prathmesh Kalpesh	PPatil
7	60089	Kambi Sapna Raghunath	Kambi
8	60090	Thakur Nrutika Hanumant	Thakur
9	60091	More Prachiti Dinkar	P.D. More
10	60092	More Prachiti Dinkar	Prachiti


Signature
Head of the Department

Department

Signature
Head of the

Attendance Report of Remedial Coaching – Day 3

Date –01.02.2023
11.55am to 12.45pm

Time -

Attendance Report of Remedial Coaching – Day 3

Date –01.02.2023

Time - 11.55am to 12.45pm

Sr. No.	Roll No.	Name of Student	Signature
1	1026	Barad Utkarsha Naresh	U.N. Barad
2	1029	Shaikh Athar Ilyas	Shaikh
3	1035	Kulkarni Pratiksha Suresh	Kulkarni
4	1037	Vaze Rahul Hemant	R.H. Vaze
5	1041	Sahane Payal Ganesh	Phahane
6	60087	Patil Prathmesh Kalpesh	Prathmesh
7	60089	Kambi Sapna Raghunath	Kambi
8	60090	Thakur Nrutika Hanumant	Thakur
9	60091	More Prachiti Dinkar	P.D. More
10	60092	More Prachiti Dinkar	More

Signature

Head of the Department

Department

**Signature
Head of the**

Attendance Report of Remedial Coaching – Day 4

**Date –02.02.2023
11.55am to 12.45pm**

Time -

Attendance Report of Remedial Coaching – Day 4

Date –02.02.2023

Time - 11.55am to 12.45pm

Sr. No.	Roll No.	Name of Student	Signature
1	1026	Barad Utkarsha Naresh	U.N. Barad
2	1029	Shaikh Athar Ilyas	Shaikh
3	1035	Kulkarni Pratiksha Suresh	Y.S. Kulkarni
4	1037	Vaze Rahul Hemant	R.H. Vaze
5	1041	Sahane Payal Ganesh	P.S. Sahane
6	60087	Patil Prathmesh Kalpesh	P.K. Patil
7	60089	Kambi Sapna Raghunath	S.K. Kambi
8	60090	Thakur Nrutika Hanumant	T.N. Thakur
9	60091	More Prachiti Dinkar	P.D. More
10	60092	More Prachiti Dinkar	A. Shetty

211
Signature

Head of the Department

Department

Signature
Head of the

Attendance Report of Remedial Coaching – Day 5

**Date –03.02.2023
11.55am to 12.45pm**

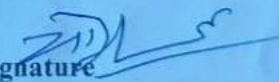
Time -

Attendance Report of Remedial Coaching – Day 5

Date –03.02.2023

Time - 11.55am to 12.45pm

Sr. No.	Roll No.	Name of Student	Signature
1	1026	Barad Utkarsha Naresh	U.N. Barad.
2	1029	Shaikh Athar Ilyas	Shaikh
3	1035	Kulkarni Pratiksha Suresh	Kulkarni
4	1037	Vaze Rahul Hemant	P.H. Vaze
5	1041	Sahane Payal Ganesh	Sahane
6	60087	Patil Prathmesh Kalpesh	Patil
7	60089	Kambi Sapna Raghunath	Kambi
8	60090	Thakur Nrutika Hanumant	Thakur
9	60091	More Prachiti Dinkar	P.D. More
10	60092	More Prachiti Dinkar	More


Signature

Head of the Department

Signature
Head of the Department

Attendance Report of Remedial Coaching – Day 6

Date –04.02.2023
12.45pm


Time - 11.55am to

Attendance Report of Remedial Coaching – Day 6

Date -04.02.2023

Time - 11.55am to 12.45pm

Sr. No.	Roll No.	Name of Student	Signature
1	1026	Barad Utkarsha Naresh	U.N. Barad
2	1029	Shaikh Athar Ilyas	Shaikh
3	1035	Kulkarni Pratiksha Suresh	P.Kulkarni
4	1037	Vaze Rahul Hemant	R.H.Vaze
5	1041	Sahane Payal Ganesh	R.Sahane
6	60087	Patil Prathmesh Kalpesh	P.K.Patil
7	60089	Kambi Sapna Raghunath	S.Kambi
8	60090	Thakur Nrutika Hanumant	N.Thakur
9	60091	More Prachiti Dinkar	P.D. More
10	60092	More Prachiti Dinkar	P.D. More


Signature
Head of the Department

Department

Signature
Head of the

15. Geo Tag Photo of Remedial Course



Department

**Signature
Head of the**

16. Outcome of Remedial Course

A student of F.Y.B.Com upon completion of the remedial course will be enabled with:

- Understanding about the basic concepts of Business Economics.
- Remedial teaching also enhanced knowledge of students, they got better opportunity, they were motivated and they portrayed interest in remedial teaching. Therefore, the study concluded that remedial teaching improved the competencies of slow learners.
- Based on the results of analysis, the attendance rate of remedial course is positively related to the student performance in this introductory Business Economics course.

CHEMISTRY

Special Coaching Report: 2022-23

INDEX

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8	Incremental Growth	12
9	Attendance	13-16
10	Photograph	17



Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

(Best College - University of Mumbai)

(Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019')

NOTICE

Special coaching Lectures Department of Chemistry

Special coaching classes have been organized for the **F.Y.B.Sc** students whose performance is found to be dissatisfactory in the subject of **Chemistry**. All the concerned **F.Y.B.Sc** students are hereby informed to contact their respective teacher.

Further students may note that:

- It is mandatory for all the students to attend remedial classes.
- Attendance for the test is mandatory.

**Signature
Head of**

the Department

Report of the Programme

Department of Chemistry ,Sonopant Dandekar Arts College, V.S. Apte Commerce College and M.H. Mehta Science College, Palghar has taken special coaching for F.Y.B.Sc (Course) students on 03/10/2022 (From and To Date). 20/10/2022 (No.) participants were present for the same.

The aim of the coaching was to develop practical's skills for learners so that it will help the students to develop better practical hand.

The Coaching was conducted for a period of two week 03/10/2022 to 20/10/2022 in Chemistry Laboratory.

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Co – Curriculum	Special Coaching	From 03/10/2022 to 20/10/2022	Chemistry Lab1 Lab2, Postgraduate and research laboratory, post graduate Lab 3 and Lab 4	Dr.Vaibhava More Name of the Faculty Member	325
				Other Faculty members Prof.Shrutika Raut Prof. Shraddha Parab Prof.Pooja Shinde	

				Prof. Anish Dubey Prof. Madhuri Varma Prof. Siddhi Mhatre Prof. Kaushik Mestry Prof. Himani More Prof. Mrunmayi Churi Prof. Arundhati Nighojkar Prof. Parimal Kedare	
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Signature

Head

of the Department

Report of the Teacher

Department of Chemistry

It was observed that during regular chemistry practical, students were not able to operate scientific calculator and unable to plot a graph. So all the teaching faculty of F.Y.B.Sc are suggested to take special lecture for all the students. In the meeting the Head of the department assign Dr. Vaibhava More as Co-ordinator for special teaching. The syllabus is also decided for special course.

A handwritten signature in blue ink, appearing to read 'Jansen', with a horizontal line underneath the name.

Signature

Head of

the Department

Syllabus

Name of the Subject: Chemistry
Class: F.Y.B.Sc

Syllabus for Special Coaching

1. Operating of Scientific calculator

- a) Calculation of log on calculator.
- b) Calculation of antilog on calculator.
- c) Multiplication and division calculation when values are in minus or plus power.

2. Plotting of Graph

- a) Types of Graphs.
- b) Plotting of accurate graph and calculation from graph.
- c) How to take measurement of scale?



Signature
Head of the

Department

Time Table

Time Table for Special Coaching

Name of the Subject – Chemistry

Class –F.Y.B.Sc

03/10/22 to 20/10/22

Timing: 7:30 am to 10:10 am

Date – From

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
7:30 to 10:10	F.Y.P PK F.Y.P SSM F.Y.P AN F.Y.P SPJ F.Y.P MC	F.Y.P SSM F.Y.P AN F.Y.P SVR F.Y.P HM F.Y.P JS	F.Y.P PK F.Y.P HM F.Y.P AD F.Y.P MC F.Y.P KM F.Y.P SPJ	F.Y.P KM F.Y.P DKY F.Y.P PVS F.Y.P MV F.Y.P VSM F.Y.P SPJ	F.Y.P SVR F.Y.P HD F.Y.P DKY F.Y.P SSM F.Y.P SSP	F.Y.P PPM F.Y.P PK F.Y.P MV F.Y.P HD F.Y.P VSM

Batches	Dates
III, IV, XII, XIII, XV	03/10/2022, 04/10/2022, 10/10/2022, 11/10/2022
I, II, VI, VII, VIII, XVI	06/10/2022, 12/10/2022, 13/10/2022, 20/10/2022
V, IX, X, XI, XIV	07/10/2022, 08/10/2022, 14/10/2022, 15/10/2022

Department

Signature
Head of the

Test Paper of Special Coaching

Class –F.Y.B.Sc
Room No- Chemistry Lab

Time – 7:30 am to 10:10 am

Q1) Calculate log of following values

2.33, 0.233, 10.45, 20.3, 0.45

Q2) Calculate antilog of following values

5.23, 6.54, 0.67, 0.82, 1.98

Q3) Solve the following

$$(3.23 \times 10^{-3}) \times (1.45 \times 10^{-2})$$

$$(4.98 \times 10^{-3}) \times (1.67 \times 10^{-5})$$

$$(3.45 \times 10^{-5}) \div (1.45 \times 10^{-2})$$

$$(2.73 \times 10^{-3}) \div (0.93 \times 10^{-2})$$

Q4) Plot a graph from following data

Concentration in ppm (X-axis)	5	10	15	20	25
Absorbance (Y-axis)	0.23	0.40	0.59	0.74	0.89



**Signature
Head of the**

Department

Report of Test

Report of Special Coaching Test

Name of the Subject – Chemistry

Class

– F.Y.B.Sc

Test was conducted on their second special lecture as per the respective batch schedule.

On the basis of test, Following students were not satisfactory in calculating the values and plotting a graph.

List of student:

Roll no of student:	2012,2019,2055,2038,2044,2058,2083, 2111,2114,2116, 2113,2122,2127,90009,90024,90066,90039,90078,90080,90085,90099,90102, 90110,90118,90129,90142,90163,90173
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For above slow learners students the test was conducted on fourth special lecture.

Sonopant Dandekar Arts College, V. S. Apte Commerce College &
 M. H. Mehta Science College & R. H. Save Arts, Seth C. J. Bhanushali Com. &
 B. A. Dandekar Science Jr. College Palghar, Dist. Palghar.

Page No. 90009

Jt. Sup. Signature with Date VMOL Supplement No. Candidate's Seat No. 90009

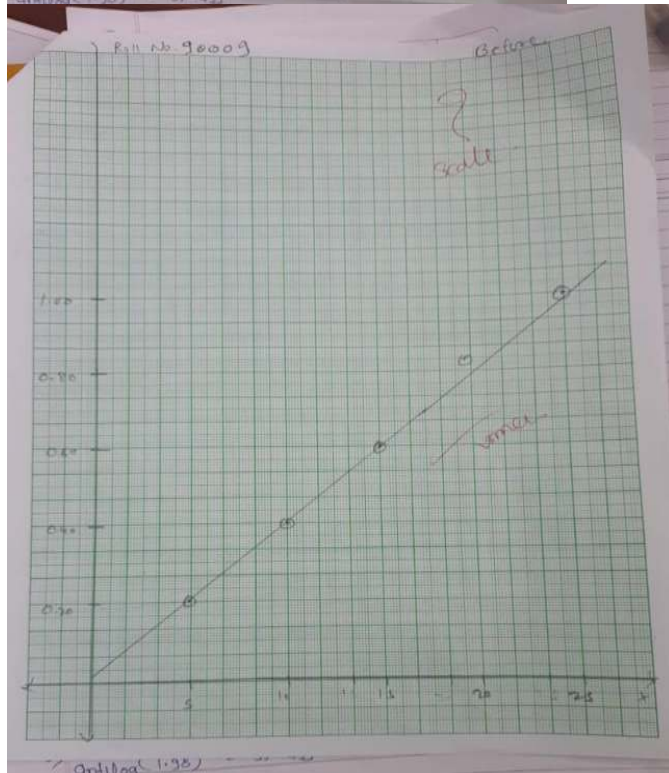
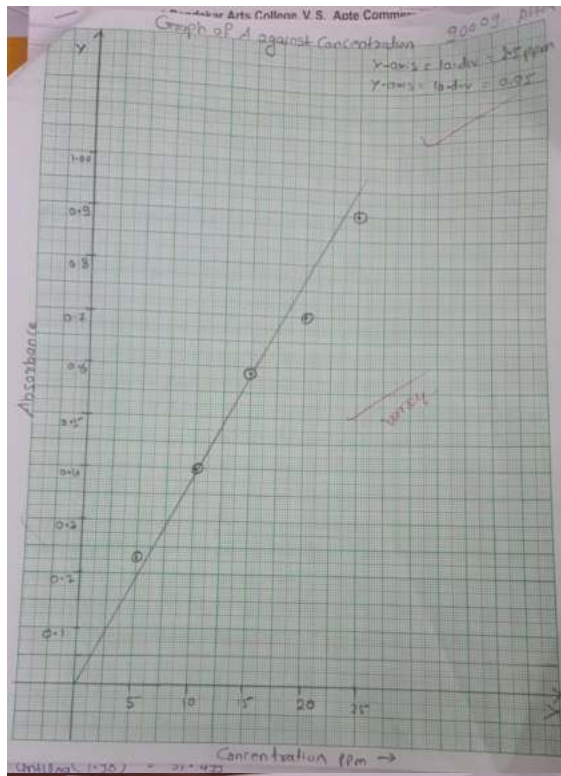
Date	Class												Subject
Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks													

Q1) Calculate log of following values

- 1) $\log(2.22) = 0.344$
- 2) $\log(0.222) = -0.652$
- 3) $\log(0.45) = 1.651013$
- 4) $\log(20.5) = 1.312$
- 5) $\log(0.45) = -0.346$

Q2) Calculate antilog of following values

- 1) $\text{antilog}(5.23) = 169824.365$
- 2) $\text{antilog}(6.54) = 3469368.505$
- 3) $\text{antilog}(0.67) = 4.6773$
- 4) $\text{antilog}(0.82) = 6.6068$
- 5) $\text{antilog}(1.95) = 89.499$



Sonopant Dandekar Arts College, V. S. Apte Commerce College & M. H. Mehta Science College & R. H. Save Arts, Seth C. J. Bhanushali Com. & B. A. Dandekar Science Jr. College Palghar, Dist. Palghar.

Name: _____ Roll No: 2116 _____

Sr. Stud. Signature with Date: _____ Registration No: _____ Candidate's Seat No: _____

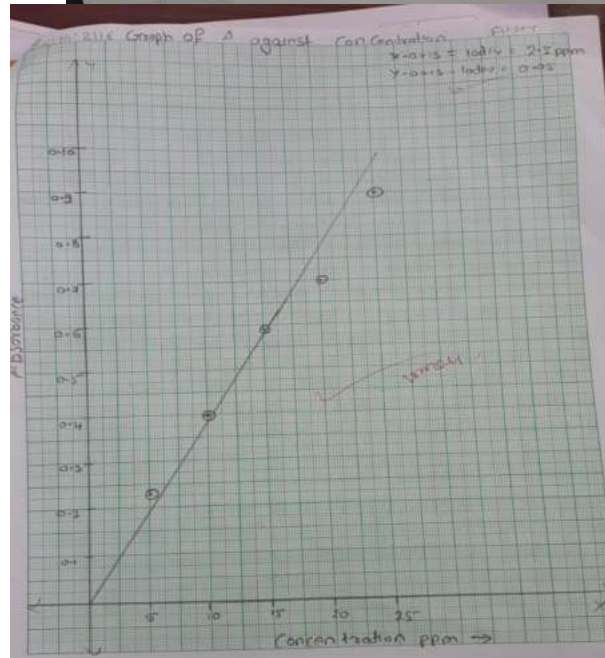
Date	Class												Subject	Total
	1	2	3	4	5	6	7	8	9	10	11	12		
Q. No.														
Marks														

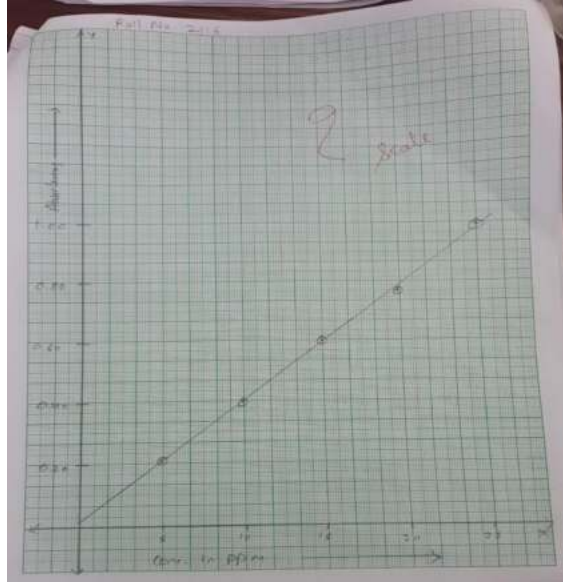
Q.1) calculate log of following values

- 1) $\log 2.33 = 0.367$
- 2) $\log 0.233 = -0.636$
- 3) $\log 10.43 = 1.018$
- 4) $\log 20.3 = 1.308$
- 5) $\log 0.13 = -0.886$

Q.2) calculate antilog of following values

- 1) $Ant 5.23 = 16.5824.365$
- 2) $Ant 6.14 = 34.62788.505$
- 3) $Ant 0.63 = 4.2673$
- 4) $Ant 0.22 = 0.6663$
- 5) $Ant 1.34 = 21.453$





Tanner

Signature
Head of the

Department

Incremental Growth

Incremental Growth is observed in above slow learners.

A handwritten signature in blue ink, appearing to read 'D. Anderson'.

**Signature
Head of the**

Department

Attendance report of Test

Batch I

ATTENDANCE

F.Y. B.Sc. P.M.

Roll No.	Name of the Student	10/11	11/11	12/11	13/11	14/11
2019	Shubho Babish Dethasani	P	P	P	P	P
21	Anet Gungerson Bhat	P	P	P	P	P
22	Sanjay Santu Wamika	P	P	P	P	P
23	Nandish Aniya Surur	P	P	P	P	P
24	Madhya Babish Dethasani	P	P	P	P	P
25	Jyoti Mayya Damesh	P	P	P	P	P
26	Sahil Sanjay Gawad	P	P	P	P	P
27	Sankha Rajendra Patil	P	P	P	P	P
28	Disha Indhankumar Uthwal	P	P	P	P	P
29	Jyoti Rajya Sanjay	P	P	P	P	P
30	Shruti Mani Beshwal	P	P	P	P	P
31	Nandish Babish Chavhan	P	P	P	P	P
32	Ma Rav Mayank Avish	P	P	P	P	P
33	Yashvi Anil Javish	P	P	P	P	P
34	Maharaj Deepak Jagpal	P	P	P	P	P
35	Yashvi Jyoti Manish	P	P	P	P	P
36	Shruti Anil Javish	P	P	P	P	P
37	Nandish Babish Chavhan	P	P	P	P	P
38	Balraj S. Dhan	P	P	P	P	P
39	Amit Tanwar	P	P	P	P	P

Batch II

ATTENDANCE

F.Y. B.Sc. P.M.

Roll No.	Name of the Student	10/11	11/11	12/11	13/11	14/11
2023	Nandish Babish Chavhan	P	P	P	P	P
24	Sankha Sanjay Dethasani	P	P	P	P	P
25	Ma Rav Mayank Avish	P	P	P	P	P
26	Ma Rav Mayank Avish	P	P	P	P	P
27	Ma Rav Mayank Avish	P	P	P	P	P
28	Ma Rav Mayank Avish	P	P	P	P	P
29	Ma Rav Mayank Avish	P	P	P	P	P
30	Ma Rav Mayank Avish	P	P	P	P	P
31	Ma Rav Mayank Avish	P	P	P	P	P
32	Ma Rav Mayank Avish	P	P	P	P	P
33	Ma Rav Mayank Avish	P	P	P	P	P
34	Ma Rav Mayank Avish	P	P	P	P	P
35	Ma Rav Mayank Avish	P	P	P	P	P
36	Ma Rav Mayank Avish	P	P	P	P	P
37	Ma Rav Mayank Avish	P	P	P	P	P
38	Ma Rav Mayank Avish	P	P	P	P	P
39	Ma Rav Mayank Avish	P	P	P	P	P
40	Ma Rav Mayank Avish	P	P	P	P	P
41	Ma Rav Mayank Avish	P	P	P	P	P
42	Ma Rav Mayank Avish	P	P	P	P	P
43	Ma Rav Mayank Avish	P	P	P	P	P
44	Ma Rav Mayank Avish	P	P	P	P	P
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116	Ma Rav Mayank Avish	P	P	P	P	P
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118	Ma Rav Mayank Avish	P	P	P	P	P
119	Ma Rav Mayank Avish	P	P	P	P	P
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123	Ma Rav Mayank Avish	P	P	P	P	P
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125	Ma Rav Mayank Avish	P	P	P	P	P
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144	Ma Rav Mayank Avish	P	P	P	P	P
145	Ma Rav Mayank Avish	P	P	P	P	P
146	Ma Rav Mayank Avish	P	P	P	P	P
147	Ma Rav Mayank Avish	P	P	P	P	P
148	Ma Rav Mayank Avish	P	P	P	P	P
149	Ma Rav Mayank Avish	P	P	P	P	P
150	Ma Rav Mayank Avish	P	P	P	P	P

Batch III

ATTENDANCE

F.Y. B.Sc. P.M.

Roll No.	Name of the Student	10/11	11/11	12/11	13/11	14/11
20016	Keshav Bhat	P	P	P	P	P
217	Pooja Gopin	P	P	P	P	P
218	Krushna Shingde	P	P	P	P	P
219	Sneha Gauri	P	P	P	P	P
220	Pooja Mayak	P	P	P	P	P
221	Kunal Vedga	P	P	P	P	P
222	Manav Mahale	P	P	P	P	P
223	Jyoti Bhat	P	P	P	P	P
224	Zeba Tejani	P	P	P	P	P
225	Jyoti Manoj	P	P	P	P	P
226	Arjun Mehar	P	P	P	P	P
227	Karan Madage	P	P	P	P	P
228	Charvi Mahesh	P	P	P	P	P
229	Anika Mali	P	P	P	P	P
230	Saha Mali	P	P	P	P	P
231	Rishi Harvate	P	P	P	P	P
232	Parth Chomave	P	P	P	P	P
233	Sudha Karbat	P	P	P	P	P
234	Raj Chaudhari	P	P	P	P	P
235	Khan Sarika	P	P	P	P	P

Batch 2		ATTENDANCE		Batch 3		ATTENDANCE	
for the month of <u>Remedial 2022</u>		for the month of <u>Remedial 2022</u>		for the month of <u>Remedial 2022</u>		for the month of <u>Remedial 2022</u>	
No.	Name of the Student	DATE	ATTENDANCE	No.	Name of the Student	DATE	ATTENDANCE
10056	Rutuja Lade		F P P P				F P P P
095	Ngirah Vikra		F P P P	02015			F P P P
094	Kaushik Prapir		F P P P	021	Tare Ishyasa Kast		F P P P
076	Aligna Dharama		F P P P	022			F P P P
102	Mahesh Patil		F P P P	023	Sanjay Yash Dinesh		F P P P
103	Vaishnavi Patil		F P P P	024			F P P P
111			F P P P	025	Madhvi Ashvi Anant		F P P P
119	Saakshi Patil		F P P P	026	Anant Fahade Anant Mahesh		F P P P
116	Nisha Yadav		F P P P	027			F P P P
118	Arnika Yadav		F P P P	028	Ashok Jyoti Mahesh		F P P P
117	Rajesh Jambada		F P P P	029	Ravi Mahesh Mahesh		F P P P
127	Sanku Tare		F P P P	030	Patil Shreyas Sambhaji		F P P P
128	Shashi Choudhary		F P P P	031	Patil Nishita Sambhaji		F P P P
131	Rohit Yadav		F P P P	032	Rajesh Nishita Sambhaji		F P P P
134	Abhishek Singh		F P P P	033	Yashvi Anant Anant		F P P P
137	Sanya Patil		F P P P	034			F P P P
140			F P P P	035	Atul Gauri Ravindra		F P P P
152			F P P P	036	Manoj Mahesh Mahesh		F P P P
151			F P P P	037			F P P P
153			F P P P	038			F P P P
165			F P P P	039			F P P P
171			F P P P	040			F P P P
172			F P P P	041			F P P P
179			F P P P	042			F P P P
192			F P P P	043			F P P P
20156	Suman G. Yadav		F P P P	044			F P P P

Batch 7		ATTENDANCE	
for the month of <u>Remedial 2022</u>		for the month of <u>Remedial 2022</u>	
No.	Name of the Student	DATE	ATTENDANCE
01	Ghanshi Manish Ghanshi		F P P P
02	Yashvi Mahesh Mahesh		F P P P
03	Kanika Mahesh Mahesh		F P P P
04	Manoj Mahesh Mahesh		F P P P
05	Shashik Shashik Mahesh		F P P P
06	Shashik Shashik Mahesh		F P P P
07	Shashik Shashik Mahesh		F P P P
08	Shashik Shashik Mahesh		F P P P
09	Shashik Shashik Mahesh		F P P P
10	Shashik Shashik Mahesh		F P P P
11	Shashik Shashik Mahesh		F P P P
12	Shashik Shashik Mahesh		F P P P
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51	Shashik Shashik Mahesh		F P P P
52	Shashik Shashik Mahesh		F P P P
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59	Shashik Shashik Mahesh		F P P P
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63	Shashik Shashik Mahesh		F P P P
64	Shashik Shashik Mahesh		F P P P
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87	Shashik Shashik Mahesh		F P P P
88	Shashik Shashik Mahesh		F P P P
89	Shashik Shashik Mahesh		F P P P
90	Shashik Shashik Mahesh		F P P P
91	Shashik Shashik Mahesh		F P P P
92	Shashik Shashik Mahesh		F P P P
93	Shashik Shashik Mahesh		F P P P
94	Shashik Shashik Mahesh		F P P P
95	Shashik Shashik Mahesh		F P P P
96	Shashik Shashik Mahesh		F P P P
97	Shashik Shashik Mahesh		F P P P
98	Shashik Shashik Mahesh		F P P P
99	Shashik Shashik Mahesh		F P P P
100	Shashik Shashik Mahesh		F P P P

Batch I		ATTENDANCE	
		for the month of Remedial...	
No.	Name of the Student	Week 1	Week 2
20085		P.P.P	P.P.P
211		P.P.P	P.P.P
212	Teja Shrinika Kant	P.P.P	P.P.P
213		P.P.P	P.P.P
214	Pavan Yash Dinesh	P.P.P	P.P.P
215		P.P.P	P.P.P
216	Madhi Ashik Anand	P.P.P	P.P.P
217	Anand Prahasan Aral Mahan	P.P.P	P.P.P
218		P.P.P	P.P.P
219	Ashwini Dhanu Mahan	P.P.P	P.P.P
220		P.P.P	P.P.P
221	Aswini Dhanu Mahan	P.P.P	P.P.P
222		P.P.P	P.P.P
223	Pratik Shreyas Santosh	P.P.P	P.P.P
224		P.P.P	P.P.P
225	Pratik Vikram Santosh	P.P.P	P.P.P
226		P.P.P	P.P.P
227	Vaani Ashik Anand	P.P.P	P.P.P
228		P.P.P	P.P.P
229	Alankar Ganesh Santosh	P.P.P	P.P.P
230		P.P.P	P.P.P
231		P.P.P	P.P.P
232		P.P.P	P.P.P

Batch II		ATTENDANCE	
		for the month of Remedial...	
No.	Name of the Student	Week 1	Week 2
20017	Ashwin Prasad Suresh	P.P.P	P.P.P
212	Madhi Ashik Anand	P.P.P	P.P.P
213		P.P.P	P.P.P
214		P.P.P	P.P.P
215		P.P.P	P.P.P
216	Ganesh Shreyas Santosh	P.P.P	P.P.P
217		P.P.P	P.P.P
218	Sandeel Ashik Anand	P.P.P	P.P.P
219		P.P.P	P.P.P
220	Kailash Prasad Suresh	P.P.P	P.P.P
221	Vaani Ashik Anand	P.P.P	P.P.P
222		P.P.P	P.P.P
223		P.P.P	P.P.P
224		P.P.P	P.P.P
225	Negi Ashik Anand	P.P.P	P.P.P
226		P.P.P	P.P.P
227		P.P.P	P.P.P
228	Patli Ashik Anand	P.P.P	P.P.P
229		P.P.P	P.P.P
230		P.P.P	P.P.P
231	Utkal Suresh	P.P.P	P.P.P
232	Pratik Ashik Anand	P.P.P	P.P.P
233		P.P.P	P.P.P
234		P.P.P	P.P.P
235		P.P.P	P.P.P
236		P.P.P	P.P.P
237		P.P.P	P.P.P
238		P.P.P	P.P.P
239		P.P.P	P.P.P
240		P.P.P	P.P.P
20056	Patli Ashik Anand	P.P.P	P.P.P
20072	Ganesh Shreyas Santosh	P.P.P	P.P.P

Batch III		ATTENDANCE	
		for the month of Remedial...	
No.	Name of the Student	Week 1	Week 2
90091	Ashwin Prasad Suresh	P.P.P	P.P.P
911	Pratik Ashik Anand	P.P.P	P.P.P
92		P.P.P	P.P.P
93	Ganesh Shreyas Santosh	P.P.P	P.P.P
94		P.P.P	P.P.P
95	Pratik Ashik Anand	P.P.P	P.P.P
96		P.P.P	P.P.P
97	Pratik Ashik Anand	P.P.P	P.P.P
98		P.P.P	P.P.P
99	Pratik Ashik Anand	P.P.P	P.P.P
100		P.P.P	P.P.P
101	Pratik Ashik Anand	P.P.P	P.P.P
102		P.P.P	P.P.P
103	Maheshwari Santosh	P.P.P	P.P.P
104		P.P.P	P.P.P
105		P.P.P	P.P.P
106		P.P.P	P.P.P
107	Pratik Ashik Anand	P.P.P	P.P.P
108		P.P.P	P.P.P
109	Negi Ashik Anand	P.P.P	P.P.P
110		P.P.P	P.P.P
111	Pratik Ashik Anand	P.P.P	P.P.P
112		P.P.P	P.P.P
113	Pratik Ashik Anand	P.P.P	P.P.P
114		P.P.P	P.P.P
115	Pratik Ashik Anand	P.P.P	P.P.P
116		P.P.P	P.P.P
117	Pratik Ashik Anand	P.P.P	P.P.P
118		P.P.P	P.P.P
119	Pratik Ashik Anand	P.P.P	P.P.P
120		P.P.P	P.P.P
121	Pratik Ashik Anand	P.P.P	P.P.P
122		P.P.P	P.P.P
123		P.P.P	P.P.P
124		P.P.P	P.P.P
90158	Pratik Ashik Anand	P.P.P	P.P.P
2124	Pratik Ashik Anand	P.P.P	P.P.P

Batch VIII

ATTENDANCE

for the month of September

Roll No.	Name of the Student	Attendance				
		1	2	3	4	5
121	Khushboo Maurya	P	P	P	P	
123	Anker Patil	P	P	P	P	
124	Ankita Sumada	P	P	P	P	
124	Sachin Khatal	A	P	P	P	
124	Aniket Pathay	P	P	P	P	
127	Ar Bhavanesh Bendre	P	P	P	P	
131	Gmit Patil	A	A	P	P	
133	Saurabh Pawade	A	P	P	P	
134	Jeet Patil	P	P	P	P	
135	Pratyor Patil	P	P	P	P	
136	Gemini Kadane	P	P	P	P	
137	Ranjit Singh	P	P	P	P	
140	Mohit Ghazvi	P	P	P	P	
141	Shreyas Ghosh	P	P	P	P	
142	Bhakti Patil	P	P	P	P	
143	Jyeshth Baswar	P	P	P	P	
144		A	A	A	A	
147	Chandrasekhar Borlogi	P	P	P	P	
148	Nithya Yadav	P	P	P	P	
149	Idhaya Devi	P	P	P	P	
149	Riya Bhansawade	P	P	P	P	
157	Hussna Khan	P	P	P	P	
202	Kadina Patil					

Batch VIII

ATTENDANCE

for the month of September

Roll No.	Name of the Student	Attendance				
		1	2	3	4	5
153	Vidhi Ananta Bajaj	P	P	P	P	
154	Muskan Kompatish Maurya	P	P	P	P	
157	Surabhi Sandip Jain	P	P	P	P	
157	Parulshyam K. Yekar	P	P	P	P	
157	Mohi Kuber Daple	P	P	P	P	
161	Chaitanya Bhatnagar	P	P	P	P	
161	Pratik Pratik Vekar	P	P	P	P	
163	Maya D. Vishwakarma	P	P	P	P	
164	Rohit Rajkumar Patil	P	P	P	P	
165	Prachi S. Jadhav	P	P	P	P	
166	Suvanta Sachi Senan					
167	Aparna Tularam Bhagat	P	P	P	P	
168	Ajali Madhukumar Mahale	P	P	P	P	
170						
172	Rohit Dilip Jureja					
173	Udayan Shivakshi Des	P	P	P	P	
174						
175						
176	Armaan Jagdish Jitaje	P	P	P	P	
177	Maiti Yash More					
178	Shital Sakharam Vekhar	P	P	P	P	
183	Ayush Sanjay Patil					
217	Sabil					

Batch XV

ATTENDANCE

for the month of September

Roll No.	Name of the Student	Attendance				
		1	2	3	4	5
211	Manasi Vinod Desi					
182						
187	Somnath Kundar Ghosh	P	P	P	P	
188						
192	Sejal Yash Thakur	P	P	P	P	
193						
194	Vaishnavi Rajan Dubla	A	A	P	P	
195	Sanyasa Sushil Gha	P	P	P	P	
196	Muskan Aditya Sawant	P	P	P	P	
197	Ajali Rajharalki Purohit	P	P	P	P	
198	Ajali Ganesh Yajeta	P	P	P	P	
199	Manasi Anand Bhagale					
200		P	P	P	P	
201		P	P	P	P	
202	Roshan Ramesh Mahale	P	P	P	P	
203		P	P	P	P	
204		P	P	P	P	
205						
206						
207		P	P	P	P	
208						
209						
210						
211						
212	Yash Santosh Kumar Kamal					
213						
214	Nisa Anil Dubey	P	P	P	P	
215						
216		P	P	P	P	
217		P	P	P	P	

Batch XXI		ATTENDANCE			
		for the month of <u>February 2022</u>			
Roll No.	Name of the Student	01	02	03	04
20217	Kunjai D. Kose	.	.	.	.
219	Rohit Gagtap	P	P	P	P
219	Gayanka Korida	P	P	P	P
224	Asmita R. Dode	P	P	P	P
234	Reshamanta L. Bhavax	P	P	P	P
225	Shalu S. Dubey	P	P	P	P
*226	Dhawal S. Dulkhalikar	.	.	.	.
227	Priyanka S. Dalvi	P	P	P	P
227	Rahul A. Dabake	P	P	P	P
230		.	.	.	.
231	NARAS SURYAN	P	P	P	P
232	PRINCE JESSE	.	.	.	.
234	Ganesh Salkar	P	P	P	P
235	ANNA WAKRE	.	.	.	.
236	Dolly S. Pandey	.	.	.	.
237	Anil A. Sharda	.	.	.	.
239	Kaushik R. Dalvi	P	P	P	P
241	Vishal J. Pa. Navare	P	P	P	P
90044	Saayesh S. Machh	P	P	P	P
2119	Sai M. Pahl	P	P	P	P
2126	Maedik M. Naik	.	.	.	.
90253	Shivangi M. Gupta	P	P	P	A
90219		A	P	P	P
90254	Kishan R. Singh	.	.	.	.
90258		P	P	P	P

Signature
Head of the

Department

Photographs



Signature
Head of the Department

Chemistry –PG

Special Coaching Report: 2022-23

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Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

(Best College - University of Mumbai)

(Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019')

NOTICE

Special Coaching

Basic Concepts in Chemical Calculations

Department of Chemistry

2022-23

Special coaching has been organized for the **M.Sc. I** students who have taken admission in the subject of **Analytical and Organic Chemistry**. All the concerned students are hereby informed to contact their respective teacher coordinator.

Students may note that:

- It is mandatory for all the students to attend special coaching classes.
- The test will be conducted on the topics, twice during the period.
- Attendance for the test is mandatory.



Dr. Suhas Janwadkar
Head Department of Chemistry

Report of the Programme

Department of Chemistry, Sonopant Dandekar Arts, V.S. Apte Commerce and M.H. Mehta Science College, Palghar has conducted special coaching classes

for M.Sc. I students during the period of 6/9/2022 to 10/09/2022 and 92 participants were present for the same.

The aim of this classes was to develop and enhance the basic calculations carried out by students during theory as well as practical sessions. The students will be able to calculate and prepare molar and normal solutions as per the given data.

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Co – Curriculum	Special Coaching	06/9/2022 to 10/9/2022	Chemistry Laboratory	Anish Dubey Dr. D.K.Yadav Prof. P.P. Mogle Dr. H. P. Deokar	92

Signature

Department



Head of the

Syllabus

Name of the Subject: Basic Concepts in Chemical Calculations

Class: M.Sc. I

Syllabus for Special Coaching

1	Pretest based on previous knowledge
2	Theory Session – Calculation of Normality and Molarity of acids and bases
3	Practical Session - Techniques of Weighing and Titration
4	Practical Session – Preparation of Normal Solutions
5	Practical Session - Preparation of Molar Solutions, Post test



Signature
Head of the

Department

Time Table

Time Table for Special Coaching

Name of the Subject – Special Coaching in Chemical Calculations

Class – M.Sc. I

Date – 6/9/2022 to 10/9/2022

Day	Monday	Tuesday	Wednesday	Thursday	Friday
Date	6/9/2022	7/9/2022	8/9/2022	9/9/2022	10/9/2022
Time	1.30 p.m. to 2.30 p.m.	1.30 p.m. to 3.30 p.m.	1.30 p.m. to 3.30 p.m.	1.30 p.m. to 3.30 p.m.	1.30 p.m. to 3.30 p.m.

Jansen

**Signature
Head of the
Department**

Test Paper of Special Coaching
Class – M.Sc. Part I – (Organic and Analytical)
Time – 1.30 p.m.

Special Coaching Test

Pre/ Post Test _____ Date: _____
Name: _____ Roll No _____
Class: M.Sc. -I

Choose the correct answer from the following.

Q1. You will carry out the final dilution with the help of _____.

- i) Pipette
- ii) Beaker
- iii) Test tube

Q2. How will you prepare w/w solution?

- i) Weight of solute dissolved in the weight of the solvent.
- ii) Weight of the solute dissolved in the volume of solvent.
- iii) Volume of solute dissolved in the volume of solvent.

Q.3 How will you prepare w/v solution?

- i) Weight of solute dissolved in the weight of the solvent.
- ii) Weight of the solute dissolved in the volume of solvent.
- iii) Volume of solute dissolved in the volume of solvent.

Q.4 How will you prepare v/v solution?

- i) Weight of solute dissolved in the weight of the solvent.
- ii) Weight of the solute dissolved in the volume of solvent.
- iii) Volume of solute dissolved in the volume of solvent.

Q.5 The solution in the burette is called as _____.

- i) Titrate
- ii) Titrand
- iii) Titrant



Signature
Head of the
Department

Attendance of Test

Attendance Report of Special Coaching Test

Class – M.Sc. I

06/9/2022 and 10/9/22

Date –

M.Sc. Special Coaching for the academic year
2022-2023

Sl. No.	Name of the Student	6/9/22	7/9/22	8/9/22	9/9/22	10/9/22
1	SREE LAKSHMI BABY RAJAN	P	P	P	P	P
	AHIRE BHARGAVEE					
2	CHHAGANLAL	P	P	P	P	P
3	AHIRRAO DEWANG RAJENDRA	P	P	P	P	P
4	BARİ PRATİK DINESH	P	P	P	P	P
5	BARİ TRUSHNA RAVINDRA	P	P	P	P	P
6	BHOYE PRANALI MADHUKAR	P	P	P	P	P
7	BOHERE CHAITANYA RAJARAM	P	P	A	P	P
8	CHANDVADE AKASH MOTIRAM	P	P	P	P	P
	CHAUDHARI HARDIK	P	P	A	P	P
9	BHUPENDRA					
10	CHAUDHARI HARSH KETAN	P	P	P	P	P
11	CHAUHAN PANKAJ MANOJ	A	P	P	P	P
12	CHAVAN GAURAV RAMESH	P	P	P	P	P
13	CHURI KSHITUJA JAGDISH	P	P	P	P	P
14	CHURI SRUSHTI NILESH	P	P	P	P	P
15	DALVI RAHUL MAHADEV	P	P	A	P	P
16	DHADGA SACHIN LAHANU	P	P	P	P	P
17	DHANGADA KAVITA NATHURAM	P	P	P	P	P
18	DIGHE AKANKSHA GOPAL	P	P	P	P	P
19	GAVANDHA DEEPALI SITARAM	P	P	P	P	P
20	GHARAT DISHA VASANT	P	A	P	P	P
21	GHARAT SUNNY ARVIND	P	P	A	P	P
22	GHORKHANA CHETAN JAYRAM	P	P	P	P	P
23	GORHEKAR DHANESH SANDIP	P	P	P	P	P
24	GOUD KALPANA DILIP	P	P	P	P	P
25	GUJAR RUTIK RAVINDRA	P	P	P	P	P
26	JANATHE JAYASWI LAXMAN	A	P	P	P	P
27	JONDHALEKAR AKSHIT JITENDRA	P	P	P	P	P
28	AHIRI	P	P	P	P	P
29	KADU ROSHANI NARESH	P	P	P	P	P
30	KADU SHRUTI VISHNU	P	P	P	P	P

M.Sc. Special Coaching for the academic year
2022-2023

31	KATELA ANIKET RAMESH	P	P	P	P	P
32	KEKATE MAKARAND MANOHAR	P	P	P	P	P
33	KHARPADYA NILIMA MOHAN	P	P	P	P	P
34	KINI SAYALI SUDESH	P	P	P	P	P
	KUSHWAHA ANJALI					
35	SHYAMSUNDAR	P	P	P	P	P
36	MACHHI MANOJ GANESH	P	P	P	P	P
37	MADHA SAPNA SURESH	P	P	P	P	P
38	MAHALA KAILAS RAMU	P	P	P	P	P
39	MANGE DEVIKA MALLINATH	P	P	P	P	P
40	MASARE ANUJA POPAT	P	P	P	P	P
41	MAULE DHANASHREE PRAKASH	P	P	P	P	P
42	MEHER SAKSHI DUSHYANT	P	P	P	P	P
43	MORE AMAN EKNATH	P	P	P	P	P
44	MOTHE AISHWARYA KISHOR	P	P	P	P	P
	MUDALIAR DIKSHA					
45	CHANDRAKANT	P	P	P	P	P
46	PAL ANKITA RAMJEET	P	P	P	P	P
47	PANERE MANASVI PRABHAKAR	P	P	P	P	P
48	PANERE PRACHITI BALVANT	P	A	P	P	P
49	PARDHI RAHUL SUKAR	P	P	P	P	A
50	PATEL PRAGATI KANTILAL	P	P	P	P	P
51	PATIL APEKSHA SANTOSH	A	P	P	P	P
52	PATIL DIVYA MANGESH	P	P	P	P	P
53	PATIL DIVYATA TUKARAM	P	P	P	P	P
54	PATIL HRUSHIKESH RAMKRUSHNA	P	P	P	P	P
55	PATIL KAUSTUBH PRAKASH	P	P	P	P	P
56	PATIL SALONI HEMANT	P	P	P	P	P
57	SAYALI ANKUSH PATIL	P	P	P	P	P
58	PATIL VAISHNAVI VIVEK	P	P	P	P	P
59	PAWADE SEJAL HARISHCHANDRA	P	P	P	P	P
60	POTINDA SHUBHANGI BHARAT	P	P	P	P	P
61	RAI PRIYANKA YADUNATH	P	P	P	P	P

**M.Sc. Special Coaching for the academic year
2022-2023**

62	RANDHE VIKRAM RAJESH	P	P	P	P	P
63	RASHIWADE MONIKA VIKAS	P	P	P	P	P
64	RATHOD DISHABEN VIJAYSINH	P	P	P	P	P
65	RATHOD HONEY MITHALAL	P	P	P	P	P
66	RAUT HRUTIK RAMAN	P	P	P	P	P
67	RAUTE ANJALI D	A	P	P	P	P
68	SAGANE VIRAJ SHANKAR	P	P	P	P	P
69	SATDIVE PIYUSH ARUN	P	P	P	P	P
70	SHAH GULAMNABI RIYASAT	P	P	P	P	P
71	SHAIKH NAMIRA AMIN	P	P	P	P	P
72	SHEDGE TEJASVI SURYAKANT	P	P	P	P	P
73	SINGH ATUL RAJESH	P	P	P	P	P
74	SINGH PRIYA JAYPRAKASH	P	P	P	P	P
75	SINGH ROHIT KUMAR BASHISTH	P	P	P	P	P
76	SINGH VISHWAJEET KUMAR OMPRAKASH	P	P	P	P	P
77	TAMORE RHUTIKA GAJANAN	P	P	P	P	P
78	TANDEL MRUDULA NARENDRA	P	P	P	P	P
79	TARE AYURSHA NILESH	P	P	P	P	P
80	THAKARE ROSHANI JAYVANT	P	P	P	P	P
81	THAKUR ABHIDNYA BHUSHAN	P	P	P	P	P
82	TIWARI SHRISTY MANOJKUMAR	P	P	P	P	P
83	VALVI ROSHAN PARSHU	P	P	P	A	P
84	VARTAK PRAYUKTA MAHESH	P	P	P	P	P
85	VARTHA ASHWIN CHAITYA	P	A	P	A	P
86	VARTHA PRAJAKTA DEVJI	P	P	P	P	P
87	VAZE KANAK NITIN	P	P	P	P	P
88	YADAV ABHISHEK INDRARAO	P	P	P	P	P
89	YADAV AVINASH INDRARAJ	P	P	P	P	P
90	YADAV RIYA KRISHNADUTT	P	P	P	A	P
91	YADAV SHRADDHA AMARJEET	P	P	P	P	P
92	YADAV VIVEK SABHARAJ	P	P	P	P	P



**Signature
Head of the**

Department

Overall Mark List
Mark List of Special Test Coaching

Mark list M.Sc –I 2022-23

Sr. No.	Name of the Student	Pre test marks	Post test marks
1	SREE LAKSHMI BABY RAJAN	06	08
2	AHIRE BHARGAVEE CHHAGANLAL	08	10
3	AHIRRAO DEWANG RAJENDRA	06	10
4	BARI PRATIK DINESH	08	10
5	BARI TRUSHNA RAVINDRA	06	08
6	BHOYE PRANALI MADHUKAR	06	08
7	BOHERE CHAITANYA RAJARAM	08	08
8	CHANDVADE AKASH MOTIRAM	06	08
9	CHAUDHARI HARDIK BHUPENDRA	08	08
10	CHAUDHARI HARSH KETAN	08	10
11	CHAUHAN PANKAJ MANOJ	08	10
12	CHAVAN GAURAV RAMESH	06	08
13	CHURI KSHITJA JAGDISH	06	08
14	CHURI SRUSHTI NILESH	06	08
15	DALVI RAHUL MAHADEV	04	08
16	DHADGA SACHIN LAHANU	08	10
17	DHANGADA KAVITA NATHURAM	08	10
18	DIGHE AKANKSHA GOPAL	08	10
19	GAVANDHA DEEPALI SITARAM	06	08
20	GHARAT DISHA VASANT	06	08
21	GHARAT SUNNY ARVIND	06	08
22	GHORKHANA CHETAN JAYRAM	08	10
23	GORHEKAR DHANESH SANDIP	08	10
24	GOUD KALPANA DILIP	08	10
25	GUJAR RUTIK RAVINDRA	08	10
26	JANATHE JAYASWI LAXMAN	06	08
27	JONDHALEKAR AKSHIT JITENDRA	02	06
28	AHIRI	08	08
29	KADU ROSHANI NARESH	08	10
30	KADU SHRUTI VISHNU	04	06
31	KATELA ANIKET RAMESH	08	08
32	KEKATE MAKARAND MANOHAR	08	10
33	KHARPADYA NILIMA MOHAN	08	08
34	KINI SAYALI SUDESH	10	10
35	KUSHWAHA ANJALI SHYAMSUNDAR	08	08

Mark list M.Sc –I 2022-23

36	MACHHI MANOJ GANESH	04	08
37	MADHA SAPNA SURESH	06	08
38	MAHALA KAILAS RAMU	06	08
39	MANGE DEVIKA MALLINATH	06	08
40	MASARE ANUJA POPAT	08	10
41	MAULE DHANASHREE PRAKASH	08	10
42	MEHER SAKSHI DUSHYANT	06	08
43	MORE AMAN EKNATH	06	10
44	MOTHE AISHWARYA KISHOR	06	10
45	MUDALIAR DIKSHA CHANDRAKANT	08	08
46	PAL ANKITA RAMJEET	04	06
47	PANERE MANASVI PRABHAKAR	08	08
48	PANERE PRACHITI BALVANT	08	08
49	PARDHI RAHUL SUKAR	04	08
50	PATEL PRAGATI KANTILAL	06	08
51	PATIL APEKSHA SANTOSH	06	10
52	PATIL DIVYA MANGESH	06	10
53	PATIL DIVYATA TUKARAM	06	10
54	PATIL HRUSHIKESH RAMKRISHNA	08	08
55	PATIL KAUSTUBH PRAKASH	08	10
56	PATIL SALONI HEMANT	06	08
57	SAYALI ANKUSH PATIL	02	06
58	PATIL VAISHNAVI VIVEK	06	08
59	PAWADE SEJAL HARISHCHANDRA	06	08
60	POTINDA SHUBHANGI BHARAT	02	08
61	RAI PRIYANKA YADUNATH	08	10
62	RANDHE VIKRAM RAJESH	08	08
63	RASHIWADE MONIKA VIKAS	04	06
64	RATHOD DISHABEN VIJAYSINH	08	08
65	RATHOD HONEY MITHALAL	10	10
66	RAUT HRUTIK RAMAN	10	10
67	RAUTE ANJALI D	08	08
68	SAGANE VIRAJ SHANKAR	06	08
69	SATDIVE PIYUSH ARUN	08	10
70	SHAH GULAMNABI RIYASAT	06	08
71	SHAIKH NAMIRA AMIN	06	08

Mark list M.Sc –I 2022-23

72	SHEDGE TEJASVI SURYAKANT	04	08
73	SINGH ATUL RAJESH	06	08
74	SINGH PRIYA JAYPRAKASH	06	08
75	SINGH ROHIT KUMAR BASHISTH	08	08
76	SINGH VISHWAJEET KUMAR OMPRAKASH	10	10
77	TAMORE RHUTIKA GAJANAN	08	10
78	TANDEL MRUDULA NARENDRA	06	10
79	TARE AYURSHA NILESH	06	08
80	THAKARE ROSHANI JAYVANT	06	08
81	THAKUR ABHIDNYA BHUSHAN	06	10
82	TIWARI SHRISTY MANOJKUMAR	08	10
83	VALVI ROSHAN PARSHU	08	10
84	VARTAK PRAYUKTA MAHESH	06	08
85	VARTHA ASHWIN CHAITYA	06	08
86	VARTHA PRAJAKTA DEVJI	06	08
87	VAZE KANAK NITIN	02	06
88	YADAV ABHISHEK INDRADEO	06	10
89	YADAV AVINASH INDRAJEET	08	10
90	YADAV RIYA KRISHNADUTT	02	08
91	YADAV SHRADDHA AMARJEET	06	08
92	YADAV VIVEK SABHARAJ	06	08



Signature
Head of the

Department

List of Slow Learners*

Note – Slow Learners* - Those students who have scored equal / less than 4 marks in pre test.

Sr. No.	Roll Number of the Student
1	Dalvi Rahul
2	Jondhalekar Akshit
3	Kadu Shruti
4	Macchi Manoj
5	Pal Ankita
6	Pardhi Rahul
7	Patil Sayali
8	Potinda Shubhangi
9	Rashiwade Monika
10	Shedge Tejaswi
11	Vaze Kanak
12	Yadav Riya



Signature
Head of the

Department

List of Fast Learners*

Note – Those students who have scored equal / more than 5 marks in pretest.

	Name		Name
1	SREE LAKSHMI BABY RAJAN	31	KINI SAYALI SUDESH
2	AHIRE BHARGAVEE CHHAGANLAL	32	KUSHWAHA ANJALI SHYAMSUNDAR
3	AHIRRAO DEWANG RAJENDRA	33	MADHA SAPNA SURESH
4	BARI PRATIK DINESH	34	MAHALA KAILAS RAMU
5	BARI TRUSHNA RAVINDRA	35	MANGE DEVIKA MALLINATH
6	BHOYE PRANALI MADHUKAR	36	MASARE ANUJA POPAT
7	BOHERE CHAITANYA RAJARAM	37	MAULE DHANASHREE PRAKASH
8	CHANDVADE AKASH MOTIRAM	38	MEHER SAKSHI DUSHYANT
9	CHAUDHARI HARDIK BHUPENDRA	39	MORE AMAN EKNATH
10	CHAUDHARI HARSH KETAN	40	MOTHE AISHWARYA KISHOR
11	CHAUHAN PANKAJ MANOJ	41	MUDALIAR DIKSHA CHANDRAKANT
12	CHAVAN GAURAV RAMESH	42	PANERE MANASVI PRABHAKAR
13	CHURI KSHITIJA JAGDISH	43	PANERE PRACHITI BALVANT
14	CHURI SRUSHTI NILESH	44	PATEL PRAGATI KANTILAL
15	DHADGA SACHIN LAHANU	45	PATIL APEKSHA SANTOSH

16	DHANGADA KAVITA NATHURAM	46	PATIL DIVYA MANGESH
17	DIGHE AKANKSHA GOPAL	47	PATIL DIVYATA TUKARAM
18	GAVANDHA DEEPALI SITARAM	48	PATIL HRUSHIKESH RAMKRISHNA
19	GHARAT DISHA VASANT	49	PATIL KAUSTUBH PRAKASH
20	GHARAT SUNNY ARVIND	50	PATIL SALONI HEMANT
21	GHORKHANA CHETAN JAYRAM	51	PATIL VAISHNAVI VIVEK
22	GORHEKAR DHANESH SANDIP	52	PAWADE SEJAL HARISHCHANDRA
23	GOUD KALPANA DILIP	53	RAI PRIYANKA YADUNATH
24	GUJAR RUTIK RAVINDRA	54	RANDHE VIKRAM RAJESH
25	JANATHE JAYASWI LAXMAN	55	RATHOD DISHABEN VIJAYSINH
26	AHIRI JOSHI	56	RATHOD HONEY MITHALAL
27	KADU ROSHANI NARESH	57	RAUT HRUTIK RAMAN
28	KATELA ANIKET RAMESH	58	RAUTE ANJALI D
29	KEKATE MAKARAND MANOHAR	59	SAGANE VIRAJ SHANKAR
30	KHARPADYA NILIMA MOHAN	60	SATDIVE PIYUSH ARUN

61	SHAH GULAMNABI RIYASAT
62	SHAIKH NAMIRA AMIN
63	SINGH ATUL RAJESH
64	SINGH PRIYA JAYPRAKASH
65	SINGH ROHIT KUMAR BASHISTH
66	SINGH VISHWAJEET KUMAR OMPRAKASH
67	TAMORE RHUTIKA GAJANAN
68	TANDEL MRUDULA NARENDRA
69	TARE AYURSHA NILESH
70	THAKARE ROSHANI JAYVANT
71	THAKUR ABHIDNYA BHUSHAN
72	TIWARI SHRISTY MANOJKUMAR
73	VALVI ROSHAN PARSHU
74	VARTAK PRAYUKTA MAHESH
75	VARTHA ASHWIN CHAITYA
76	VARTHA PRAJAKTA DEVJI
77	YADAV ABHISHEK INDRADEO
78	YADAV AVINASH INDRAJEET
79	YADAV SHRADDHA AMARJEET
80	YADAV VIVEK SABHARAJ

Attendance Report

M.Sc. Special Coaching for the academic year 2022-2023						
Sr. No.	Name of the Student	6/9/22	7/9/22	8/9/22	9/9/22	10/9/22
1	SREE LAKSHMI BABY RAJAN	P	P	P	P	P
2	AHIRE BHARGAVEE CHHAGANLAL	P	P	P	P	P
3	AHIRRAO DEWANG RAJENDRA	P	P	P	P	P
4	BARI PRATIK DINESH	P	P	P	P	P
5	BARI TRUSHNA RAVINDRA	P	P	P	P	P
6	BHOYE PRANALI MADHUKAR	P	P	P	P	P
7	BOHERE CHAITANYA RAJARAM	P	P	A	P	P
8	CHANDVADE AKASH MOTIRAM	P	P	P	P	P
9	CHAUDHARI HARDIK BHUPENDRA	P	P	A	P	P
10	CHAUDHARI HARSH KETAN	P	P	P	P	P
11	CHAUHAN PANKAJ MANOJ	A	P	P	P	P
12	CHAVAN GAURAV RAMESH	P	P	P	P	P
13	CHURI KSHITIJA JAGDISH	P	P	P	P	P
14	CHURI SRUSHTI NILESH	P	P	P	P	P
15	DALVI RAHUL MAHADEV	P	P	A	P	P
16	DHADGA SACHIN LAHANU	P	P	P	P	P
17	DHANGADA KAVITA NATHURAM	P	P	P	P	P
18	DIGHE AKANKSHA GOPAL	P	P	P	P	P
19	GAVANDHA DEEPALI SITARAM	P	P	P	P	P
20	GHARAT DISHA VASANT	P	A	P	P	P
21	GHARAT SUNNY ARVIND	P	P	A	P	P
22	GHORKHANA CHETAN JAYRAM	P	P	P	P	P
23	GORHEKAR DHANESH SANDIP	P	P	P	P	P
24	GOUD KALPANA DILIP	P	P	P	P	P
25	GUJAR RUTIK RAVINDRA	P	P	P	P	P
26	JANATHE JAYASWI LAXMAN	A	P	P	P	P
27	JONDHALEKAR AKSHIT JITENDRA	P	P	P	P	P
28	AHIRI	P	P	P	P	P
29	KADU ROSHANI NARESH	P	P	P	P	P
30	KADU SHRUTI VISHNU	P	P	P	P	P
31	KATELA ANIKET RAMESH	P	P	P	P	P
32	KEKATE MAKARAND MANOHAR	P	P	P	P	P
33	KHARPADYA NILIMA MOHAN	P	P	P	P	P
34	KINI SAYALI SUDESH	P	P	P	P	P
35	KUSHWAHA ANJALI SHYAMSUNDAR	P	P	P	P	P
36	MACHHI MANOJ GANESH	P	P	P	P	P
37	MADHA SAPNA SURESH	P	P	P	P	P
38	MAHALA KAILAS RAMU	P	P	P	P	P
39	MANGE DEVIKA MALLINATH	P	P	P	P	P
40	MASARE ANUJA POPAT	P	P	P	P	P
41	MAULE DHANASHREE PRAKASH	P	P	P	P	P
42	MEHER SAKSHI DUSHYANT	P	P	P	P	P
43	MORE AMAN EKNATH	P	P	P	P	P
44	MOTHE AISHWARYA KISHOR	P	P	P	P	P
45	MUDALIAR DIKSHA CHANDRAKANT	P	P	P	P	P
46	PAL ANKITA RAMJEET	P	P	P	P	P
47	PANERE MANASVI PRABHAKAR	P	P	P	P	P
48	PANERE PRACHITI BALVANT	P	A	P	P	P
49	PARDHI RAHUL SUKAR	P	P	P	P	P
50	PATEL PRAGATI KANTILAL	P	P	P	P	P
51	PATIL APEKSHA SANTOSH	A	P	P	P	P
52	PATIL DIVYA MANGESH	P	P	P	P	P
53	PATIL DIVYATA TUKARAM	P	P	P	P	P
54	PATIL HRUSHIKESH RAMKRISHNA	P	P	P	P	P
55	PATIL KAUSTUBH PRAKASH	P	P	P	P	P
56	PATIL SALONI HEMANT	P	P	P	P	P
57	SAYALI ANKUSH PATIL	P	P	P	P	P
58	PATIL VAISHNAVI VIVEK	P	P	P	P	P
59	PAWADE SEJAL HARISHCHANDRA	P	P	P	P	P
60	POTINDA SHUBHANGI BHARAT	P	P	P	P	P
61	RAI PRIYANKA YADUNATH	P	P	P	P	P

**M.Sc. Special Coaching for the academic year
2022-2023**

62	RANDHE VIKRAM RAJESH	P	P	P	P	P
63	RASHIWADE MONIKA VIKAS	P	P	P	P	P
64	RATHOD DISHABEN VIJAYSINH	P	P	P	P	P
65	RATHOD HONEY MITHALAL	P	P	P	P	P
66	RAUT HRUTIK RAMAN	P	P	P	P	P
67	RAUTE ANJALI D	A	P	P	P	P
68	SAGANE VIRAJ SHANKAR	P	P	P	P	P
69	SATDIVE PIYUSH ARUN	P	P	P	P	P
70	SHAH GULAMNABI RIYASAT	P	P	P	P	P
71	SHAIKH NAMIRA AMIN	P	P	P	P	P
72	SHEDGE TEJASVI SURYAKANT	P	P	P	P	P
73	SINGH ATUL RAJESH	P	P	P	P	P
74	SINGH PRIYA JAYPRAKASH	P	P	P	P	P
75	SINGH ROHIT KUMAR BASHISTH	P	P	P	P	P
	SINGH VISHWAJEET KUMAR	P	P	P	P	P
76	OMPRAKASH	P	P	P	P	P
77	TAMORE RHUTIKA GAJANAN	P	P	P	P	P
78	TANDEL MRUDULA NARENDRA	P	P	P	P	P
79	TARE AYURSHA NILESH	P	P	P	P	P
80	THAKARE ROSHANI JAYVANT	P	P	P	P	P
81	THAKUR ABHIDNYA BHUSHAN	P	P	P	P	P
82	TIWARI SHRISTY MANOJKUMAR	P	P	P	P	P
83	VALVI ROSHAN PARSHU	P	P	P	A	P
84	VARTAK PRAYUKTA MAHESH	P	P	P	P	P
85	VARTHA ASHWIN CHAITYA	P	A	P	A	P
86	VARTHA PRAJAKTA DEVJI	P	P	P	P	P
87	VAZE KANAK NITIN	P	P	P	P	P
88	YADAV ABHISHEK INDRADEO	P	P	P	P	P
89	YADAV AVINASH INDRAJEET	P	P	P	P	P
90	YADAV RIYA KRISHNADUTT	P	P	P	A	P
91	YADAV SHRADDHA AMARJEET	P	P	P	P	P
92	YADAV VIVEK SABHARAJ	P	P	P	P	P



**Signature
Head of the**

Department

Photograph



A handwritten signature in blue ink, appearing to read "J. Anderson" with a horizontal line underneath.

Signature
Head of the

Department

Special Coaching Test

Pre/ Post Test

Date: 06/09/2022

Name: Machhi Mangi Ganesh

Roll No _____

Class: M.Sc. -I

Choose the correct answer from the following.

Q1. You will carry out the final dilution with the help of _____.

- i) Pipette
- ii) Beaker
- iii) Test tube

Q2. How will you prepare w/w solution?

- i) Weight of solute dissolved in the weight of the solvent.
- ii) Weight of the solute dissolved in the volume of solvent.
- iii) Volume of solute dissolved in the volume of solvent.

Q.3 How will you prepare w/v solution?

- i) Weight of solute dissolved in the weight of the solvent.
- ii) Weight of the solute dissolved in the volume of solvent.
- iii) Volume of solute dissolved in the volume of solvent.

Q.4 How will you prepare v/v solution?

- i) Weight of solute dissolved in the weight of the solvent.
- ii) Weight of the solute dissolved in the volume of solvent.
- iii) Volume of solute dissolved in the volume of solvent.

Q.5 The solution in the burette is called as _____.

- i) Titrant
- ii) Titrand
- iii) Titrant

Special Coaching Test

Pre/ Post Test

Date: 10/09/2022

Name: Machhi Mangi Ganesh

Roll No _____

Class: M.Sc. -I

Choose the correct answer from the following.

Q1. You will carry out the final dilution with the help of _____.

- i) Pipette
- ii) Beaker
- iii) Test tube

Q2. How will you prepare w/w solution?

- i) Weight of solute dissolved in the weight of the solvent.
- ii) Weight of the solute dissolved in the volume of solvent.
- iii) Volume of solute dissolved in the volume of solvent.

Q.3 How will you prepare w/v solution?

- i) Weight of solute dissolved in the weight of the solvent.
- ii) Weight of the solute dissolved in the volume of solvent.
- iii) Volume of solute dissolved in the volume of solvent.

Q.4 How will you prepare v/v solution?

- i) Weight of solute dissolved in the weight of the solvent.
- ii) Weight of the solute dissolved in the volume of solvent.
- iii) Volume of solute dissolved in the volume of solvent.

Q.5 The solution in the burette is called as _____.

- i) Titrant
- ii) Titrand
- iii) Titrant

SCIENCE

DEPARTMENT OF COMPUTER



Sonopant Dandekar Shikshan Mandali's
**SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE
AND M. H. MEHTA SCIENCE COLLEGE**
Palghar, Dist.Palghar, Pin – 401404
Code:(02525) 252163, Prin: 252317, Resi: 252316
Website : www.sdsmcollege.com Email: sdsmcollege@yahoo.com

Remedial Coaching Report: 2022-23

INDEX

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Sonopant Dandekar Shikshan Mandali's
SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE
AND M. H. MEHTA SCIENCE COLLEGE
Palghar, Dist.Palghar, Pin – 401404
Code:(02525) 252163, Prin: 252317, Resi: 252316
Website : www.sdsmcollege.com Email: sdsmcollege@yahoo.com

1. NOTICE

Remedial Lectures Department of Computer Science

Students of F.Y.BSC. CS class who have been suggested for remedial classes by the concerned course instructors will be enrolled in them. All first-year students are advised to get in touch with their subject lecturers to inquire about if these courses have been recommended for them to take. Students may also note that attendance is compulsory.

Mrs. Rashmi Waykole
Head of the Department
Department of Computer
Science

2. Report of the Programme



**Sonopant Dandekar Shikshan Mandali's
SONOPANT DANDEKAR ARTS, V. S. APTE
COMMERCE**

AND M. H. MEHTA SCIENCE COLLEGE

Palghar, Dist.Palghar, Pin – 401404

Code:(02525) 252163, Prin: 252317, Resi: 252316

Website : www.sdsmcollege.com Email:

sdsmcollege@yahoo.com

Department of Computer Science, Sonopant Dandekar Arts College, V.S. Apte Commerce College and M.H. Mehta Science College, Palghar has taken remedial coaching for Data Structure (BSc.CS) students on 16-01-2023 to 21-01-2023 .Six participants were present for the same.

The aim of the coaching was to identify slow and fast learners so that it will help the students to improve their studies.

The Coaching was conducted for a period of one week 16-01-2023 to 21-01-2023 in Room No. -06 by Asst. Prof. Mrs.Priyanka Nighot

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Co – Curriculum	Remedial Coaching	16-01-2023 to 21-01-2023	Classroom No. 06	Mrs.Priyanka Nighot	04

**Coordinator of the Programme
Department**

Head of the

3. Brochure:



**Sonopant Dandekar Shikshan Mandali's
SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE
AND M. H. MEHTA SCIENCE COLLEGE
Palghar, Dist.Palghar, Pin – 401404
Code:(02525) 252163, Prin: 252317, Resi: 252316
Website : www.sdsmcollege.com Email: sdsmcollege@yahoo.com**

Department of Computer Science

Remedial Coaching for FYBsc. C.S.: 2022 - 2023

Department

Head of the

4. Proposal for Remedial Coaching



**Sonopant Dandekar Shikshan Mandali's
SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE
AND M. H. MEHTA SCIENCE COLLEGE
Palghar, Dist.Palghar, Pin – 401404
Code:(02525) 252163, Prin: 252317, Resi: 252316
Website : www.sdsmcollege.com Email:
sdsmcollege@yahoo.com**

Objectives

1. To identify slow learners and under achievers in a class.
2. Maintaining record of the poor students by the subject teacher and Head of the Department.
3. Interacting with the parents of the students who are weak in academics.

Learning Outcomes

1. To focus on slow learners and help them to learn the subjects effortlessly.
2. To get rid of the common fear among students such as Communication Skills, Stage fear and enhancing technical skills.
3. To help the learners improvise their grades and developing self-confidence.

4. To monitor the academic records of the students and evaluate it on the periodical basis.

Duration

- 06 Sessions (2 Hrs per day)

**Eligibility of Students: -Learners who are takes time to understand the concept.
Learners who get less marks in class test.
Learner who cannot perform well in practical.**

Fees

- Free.

Intake Capacity

- Maximum 20 students per session.

Exam pattern

- Evaluation will be taken on the syllabus taught.
- **Proposed day and date: -16-01-2023 Monday**

5. Syllabus



Sonopant Dandekar Shikshan Mandali's
SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE
AND M. H. MEHTA SCIENCE COLLEGE
Palghar, Dist.Palghar, Pin – 401404
Code:(02525) 252163, Prin: 252317, Resi: 252316
Website : www.sdsmcollege.com Email:
sdsmcollege@yahoo.com

Name of the Subject:Data Structure
F.Y.Bsc.CS

Class:

Syllabus for Remedial Coaching: - Introduction to algorithms - What is algorithm, analysis of algorithm.
Basic Sorting Techniques - Bubble, Selection and Insertion Sort & their comparative analysis
Searching Techniques - Linear Search and its types
Selection Techniques - Selection by Sorting,
String Algorithms - Pattern matching in strings, Brute Force Method & their comparative analysis.
Algorithm Design Techniques - Introduction to various types of classifications/design criteria and design techniques

Department

Head of the

6. Time Table



Sonopant Dandekar Shikshan Mandali's
**SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE
AND M. H. MEHTA SCIENCE COLLEGE**
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Code:(02525) 252163, Prin: 252317, Resi: 252316
Website : www.sdsmcollege.com Email:
sdsmcollege@yahoo.com

Time Table for Remedial Coaching

Name of the Subject – Data Structure

Class – F.Y.Bsc.CS

Date – From 16-01-2023

to 21-01-2023

Day	Time	Classroom No.
16-01-2023	2 PM TO 4 PM	06
17-01-2023	2 PM TO 4 PM	06
18-01-2023	2 PM TO 4 PM	06
19-01-2023	2 PM TO 4 PM	06
20-01-2023	2 PM TO 4 PM	06
21-01-2023	2 PM TO 4 PM	06

Department

Head of the

7. Test Paper of Remedial Coaching



Sonopant Dandekar Shikshan Mandali's
SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE
AND M. H. MEHTA SCIENCE COLLEGE
Palghar, Dist.Palghar, Pin – 401404
Code:(02525) 252163, Prin: 252317, Resi: 252316
Website : www.sdsmcollege.com Email:
sdsmcollege@yahoo.com

Class - F.Y.Bsc.CS
PM

Room No. 06

Time –2 to 2.45

Total Marks -

20

Department of Computer Science(C.S)

Subject : Data Structure
Class : F.Y.C.S

Time : 45 mins
Marks : 20

Answer Any Four	
1.	What is algorithm? Explain analysis of algorithm.
2.	Explain sorting techniques.
3.	Explain selection techniques.
4.	Explain Brute Force Method.
5.	Explain Bubble sort.
6.	Explain Linear Search.

Department

Head of the

8. Attendance of Test



Sonopant Dandekar Shikshan Mandali's
**SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE
AND M. H. MEHTA SCIENCE COLLEGE**

Palghar, Dist.Palghar, Pin – 401404

Code:(02525) 252163, Prin: 252317, Resi: 252316

Website : www.sdsmcollege.com Email:

sdsmcollege@yahoo.com

Attendance Report of Remedial Coaching Test

Name of the Subject – Data Structure
 Date:-23-01-2023
 2.45 PM

Class - F.Y.C.S
 Time – 2 PM to

Sonopant Dandekar Shikshan Mandal's
 V.S. APTE COMMERCE AND M.B. MEHTA SCIENCE COLLEGE, PALGHAR
 Tal. & Dist. - Palghar, Pin - 401 404.

Semester based Credit & Grading System
 Attendance of students for Tutorial/ Assignment/ Project/ Class Test
 Academic Year - 2022-23

Class - F.Y.C.S Course - _____ Div - _____ Semester - I
 Subject - Data Structure Paper No. - _____
 Name of Prof. - Dr. Nigade

Sr. No.	Roll No.	Sign	Sr. No.	Roll No.	Sign	Sr. No.	Roll No.	Sign
1			31			61		
2	64033	Nigade	32			62		
3	64045	Nigade	33			63		
4	64058	Nigade	34			64		
5	64067	Nigade	35			65		
6			36			66		
7			37			67		
8			38			68		
9			39			69		
10			40			70		
11			41			71		
12			42			72		
13			43			73		
14			44			74		
15			45			75		
16			46			76		
17			47			77		
18			48			78		
19			49			79		
20			50			80		
21			51			81		
22			52			82		
23			53			83		
24			54			84		
25			55			85		
26			56			86		
27			57			87		
28			58			88		
29			59			89		
30			60			90		

Date - 23/01/2023

Signature of Asst. / A

Department

Head of the

9. Overall Mark List



Sonopant Dandekar Shikshan Mandali's
SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE
AND M. H. MEHTA SCIENCE COLLEGE
Palghar, Dist.Palghar, Pin – 401404
Code:(02525) 252163, Prin: 252317, Resi: 252316
Website : www.sdsmcollege.com Email: sdsmcollege@yahoo.com

Mark List of Remedial Test Coaching

Name of the Subject-Data Structure
Date 23-01 -2023

Class - FYBScCS

Sr. No.	Name of the Student	Total Marks Scored out of 20
1.	Kokare Mohit Rajesh	06
2.	Tiwari Ravi Bhagvat	09
3.	Chaudhari Hrishikesh Chandrakant	06
4.	Gupta Naina Radhekrishna	10

Department

Head of the

10.List of Fast Learners

Note –

Fast Learners* - Those students who have scored more than 50% Marks



**Sonopant Dandekar Shikshan Mandali's
SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE
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Palghar, Dist.Palghar, Pin – 401404

Code:(02525) 252163, Prin: 252317, Resi: 252316

Website : www.sdsmcollege.com Email:

sdsmcollege@yahoo.com

Sr. No.	Name of the Student	Total Marks Scored out of 20
1	Gupta Naina Radhekrishna	14
2	Chaudhari Hrishikesh Chandrakant	16
3	Tiwari Ravi Bhagvat	12

Department

Head of the



**Sonopant Dandekar Shikshan Mandali's
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Palghar, Dist.Palghar, Pin – 401404
Code:(02525) 252163, Prin: 252317, Resi: 252316
Website : www.sdsmcollege.com Email:
sdsmcollege@yahoo.com**

11.List of Slow Learners

Note – Slow Learners - Those students who have scored less than 50% Marks

Sr. No.	Name of the Student	Total Marks Scored out of 20
1.	Kokare Mohit Rajesh	04

Department

Head of the



**Sonopant Dandekar Shikshan Mandali's
SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE
AND M. H. MEHTA SCIENCE COLLEGE**

Palghar, Dist.Palghar, Pin – 401404

Code:(02525) 252163, Prin: 252317, Resi: 252316

Website : www.sdsmcollege.com Email:

sdsmcollege@yahoo.com

12.Attendance Report

Attendance Report of Remedial Coaching

Name of the Subject –Data Structure
Date:-16-01-2023

Class - F.Y.C.S
Time – 2 PM to 4.00 PM

Sonopant Dandekar Subham Ramhari's
SONOPANT DANDEKAR ARTS, V.S. APTE COMMERCE AND M.E. MURTA SCIENCES COLLEGE, PAIGHAR
TBI & BIL - PAIGHAR, PIN - 401 484.
Semester Based Credit & Grading System
Attendance of students for Tutorial/ Assignment/ Project/ Class Test
Academic Year - 2022-23

Class - F.Y.C.S Course - Dis - Semester - 2
Subject - Data Structure Paper No. -
Name of Prof. - Shrikanth D. Dighat

Sr. No.	Roll No.	Sign	Sr. No.	Roll No.	Sign	Sr. No.	Roll No.	Sign
1	611023		31			61		
2	611024		32			62		
3	611025		33			63		
4	611026		34			64		
5	611027		35			65		
6			36			66		
7			37			67		
8			38			68		
9			39			69		
10			40			70		
11			41			71		
12			42			72		
13			43			73		
14			44			74		
15			45			75		
16			46			76		
17			47			77		
18			48			78		
19			49			79		
20			50			80		
21			51			81		
22			52			82		
23			53			83		
24			54			84		
25			55			85		
26			56			86		
27			57			87		
28			58			88		
29			59			89		
30			60			90		

18/01/2023.

Signature of Asst. / Ass

Sonopant Bandekar Shikshan Mandali's
SONOPANT BANDEKAR ARTS, V.S. APTE COMMERCE AND M.H. MEHTA SCIENCE COLLEGE, PALGHAR
 Tal. & Dist. - Palghar, Pin - 401 404.
 Semester based Credit & Grading System
 Attendance of students for Tutorial/ Assignment/ Project/ Class Test
 Academic Year - 2022-23

Class - F.Y.CS Course - ----- Div - ----- Semester - I
 Subject - Data Structure Paper No. - -----
 Name of Prof. - Priyanka D. Nighal

Sr. No.	Roll No.	Sign	Sr. No.	Roll No.	Sign	Sr. No.	Roll No.	Sign
1	64033	✓	31			61		
2	64045	✓	32			62		
3	64058	✓	33			63		
4	64067	✓	34			64		
5			35			65		
6			36			66		
7			37			67		
8			38			68		
9			39			69		
10			40			70		
11			41			71		
12			42			72		
13			43			73		
14			44			74		
15			45			75		
16			46			76		
17			47			77		
18			48			78		
19			49			79		
20			50			80		
21			51			81		
22			52			82		
23			53			83		
24			54			84		
25			55			85		
26			56			86		
27			57			87		
28			58			88		
29			59			89		
30			60			90		

Date - 21/01/2023 Signature of Asst. [Signature]

Sonopant Bandekar Shikshan Mandali's
SONOPANT BANDEKAR ARTS, V.S. APTE COMMERCE AND M.H. MEHTA SCIENCE COLLEGE, PALGHAR
 Tal. & Dist. - Palghar, Pin - 401 404.
 Semester based Credit & Grading System
 Attendance of students for Tutorial/ Assignment/ Project/ Class Test
 Academic Year - 2022-23

Class - F.Y.CS Course - ----- Div - ----- Semester - I
 Subject - Data Structure Paper No. - -----
 Name of Prof. - Priyanka D. Nighal

Sr. No.	Roll No.	Sign	Sr. No.	Roll No.	Sign	Sr. No.	Roll No.	Sign
1	64033	✓	31			61		
2	64045	✓	32			62		
3	64058	✓	33			63		
4	64067	✓	34			64		
5			35			65		
6			36			66		
7			37			67		
8			38			68		
9			39			69		
10			40			70		
11			41			71		
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14			44			74		
15			45			75		
16			46			76		
17			47			77		
18			48			78		
19			49			79		
20			50			80		
21			51			81		
22			52			82		
23			53			83		
24			54			84		
25			55			85		
26			56			86		
27			57			87		
28			58			88		
29			59			89		
30			60			90		

Date - 17/01/2023 Signature of Asst. [Signature]

Sonopant Bandekar Shikshan Mandali's
SONOPANT BANDEKAR ARTS, V.S. APTE COMMERCE AND M.H. MEHTA SCIENCE COLLEGE, PALGHAR
 Tal. & Dist. - Palghar, Pin - 401 404.
 Semester based Credit & Grading System
 Attendance of students for Tutorial/ Assignment/ Project/ Class Test
 Academic Year - 2022-23

Class - F.Y.CS Course - ----- Div - ----- Semester - I
 Subject - Data Structure Paper No. - -----
 Name of Prof. - Priyanka D. Nighal

Sr. No.	Roll No.	Sign	Sr. No.	Roll No.	Sign	Sr. No.	Roll No.	Sign
1	64033	✓	31			61		
2	64045	✓	32			62		
3	64058	✓	33			63		
4	64067	✓	34			64		
5			35			65		
6			36			66		
7			37			67		
8			38			68		
9			39			69		
10			40			70		
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17			47			77		
18			48			78		
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20			50			80		
21			51			81		
22			52			82		
23			53			83		
24			54			84		
25			55			85		
26			56			86		
27			57			87		
28			58			88		
29			59			89		
30			60			90		

Date - 20/01/2023 Signature of Asst. [Signature]

Sonant Dandekar Shiksha Mandali's
SONPANT DANDEKAR ARTS, V.S. APTE COMMERCE AND H.B. MEHTA SCIENCE COLLEGE, PALGHAR
 Tal. & Dist. - Palghar. Pin - 401 404.
 Semester based Credit & Grading System
 Attendance of students for Tutorial/ Assignment/ Project/ Class Test
 Academic Year - 2022-23.

Class - F.Y.CS	Course -	Div. -	Semester - I
Subject - Data Structure		Paper No. -	
Name of Prof. - Priyanka D. Nighat			

Sr. No.	Roll No.	Sign	Sr. No.	Roll No.	Sign	Sr. No.	Roll No.	Sign
1	G4045	NW	31			61		
2	G4033	PN	32			62		
3	G4067	NW	33			63		
4	G4058	NW	34			64		
5			35			65		
6			36			66		
7			37			67		
8			38			68		
9			39			69		
10			40			70		
11			41			71		
12			42			72		
13			43			73		
14			44			74		
15			45			75		
16			46			76		
17			47			77		
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20			50			80		
21			51			81		
22			52			82		
23			53			83		
24			54			84		
25			55			85		
26			56			86		
27			57			87		
28			58			88		
29			59			89		
30			60			90		

e-16/01/2023


 Signature of Asst. / As

Sonopant Dandekar Shikshan Mandali's
SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE AND M. H. MEHTA SCIENCE COLLEGE, PALGHAR
 Tel. & Dist. - Palghar, Pin - 401 404.
Semester based Credit & Grading System
 Attendance of students for Tutorial/ Assignment/ Project/ Class Test
 Academic Year - 2022-23.

Class - F.Y.CS. Course - Div - Semester - 7
 Subject - Data Structures Paper No. -
 Name of Prof. - Pratiksha D. Nigal

Sr. No.	Roll No.	Sign	Sr. No.	Roll No.	Sign	Sr. No.	Roll No.
1	64039		31			61	
2	64045		32			62	
3	64058		33			63	
4	64067		34			64	
5			35			65	
6			36			66	
7			37			67	
8			38			68	
9			39			69	
10			40			70	
11			41			71	
12			42			72	
13			43			73	
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20			50			80	
21			51			81	
22			52			82	
23			53			83	
24			54			84	
25			55			85	
26			56			86	
27			57			87	
28			58			88	
29			59			89	
30			60			90	

Date - 19/01/2023

Signature of As



Sonopant Dandekar Shikshan Mandali's
SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE
AND M. H. MEHTA SCIENCE COLLEGE
 Palghar, Dist.Palghar, Pin - 401404
 Code:(02525) 252163, Prin: 252317, Resi: 252316
 Website : www.sdsmcollege.com Email: sdsmcollege@yahoo.com



Department

Head of the

DEPARTMENT OF ECONOMICS



Sonopant Dandekar Shikshan Mandali's

**Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar**

(Best College - University of Mumbai)

(Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019')

Remedial Coaching Report:

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3	Brochure	4
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11	Attendance of 6 days coaching	12

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NOTICE

Remedial Lectures Department of Economics

Remedial classes have been organized for the **F.Y.B.A** students whose performance is found to be dissatisfactory in the subject of **Economics**. All the concerned **F.Y.B.A.** students are hereby informed to contact their respective teacher coordinator.

Further students may note that:

- It is mandatory for all the concerned students to attend remedial classes.
- The Test will be conducted for the Remedial Coaching twice during the period.
- Attendance for both the test is mandatory.

Saptarshi

Economics

Minal

Department of

1. Report of the Programme

Department of Economics Sonopant Dandekar Arts College, V.S. Apte Commerce College and M.H. Mehta Science College, Palghar has taken remedial coaching for FYBA students on **06 Feb to 13 Feb 2023** (**10**) participants were present for the same.

The aim of the coaching was to identify slow and fast learners so that it will help the students to improve their studies.

The Coaching was conducted for a period of one week **06 Feb to 13 Feb 2023** in Room No. N-15 by Prof. **Minal Saptarshi**

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Introduction Remedial and Teaching	Introduction of Micro Economics and Macro Economics.	06/02/2023 01.10-02.00	N-15	Prof Minal Saptarshi	10
Teaching	Demand and supply, curves of Demand Supply	07/02/2023 01.10-02.00	N-15	Prof Minal Saptarshi	08
Teaching	Price, Inflation and Deflation	08/02/2023 01.10-02.00	N-15	Prof Minal Saptarshi	10
Teaching	Structure Market	09/02/2023 01.10-02.00	N-15	Prof Minal Saptarshi	09
Teaching	Concepts of National Income, Per Capita Income	10/02/2023 01.10-02.00	N-15	Prof Minal Saptarshi	10
Teaching	Taxation	11/02/2023 01.10-02.00	N-15	Prof Minal Saptarshi	10
Teaching	Types of Goods	13/02/2023 01.10-02.00	N-15	Prof Minal Saptarshi	10

Brochure:



Department Of Economics

**Remedial Coaching for F.Y.B.A. (Class): 2022-
2023**

2. Syllabus

Department of Economics

Syllabus for Remedial Coaching

Name of the Subject: Economics

Class:

F.Y.B.A.

1. Introduction of Micro Economics and Macro Economics.
2. Demand and supply, curves of Demand Supply.
3. Price, Inflation and Deflation.
4. Market Structure
5. Concepts of National Income, Per Capita Income
6. Taxation, Types of Goods

Signature
Head of the Department

3. Time Table

Time Table for Remedial Coaching

Name of the Subject – Economics

Class – F.Y.B.A.

2023

Date – From 06 Feb 2023 to 13 Feb

Day	Time	Classroom No.
Monday	01.10-02.00	N-15
Tuesday	01.10-02.00	N-15
Wednesday	01.10-02.00	N-15

Thursday	01.10-02.00	N-15
Friday	01.10-02.00	N-15
Saturday	01.10-02.00	N-15
Monday	01.10-02.00	N-15

Department

**Signature
Head of the**

4. Test Paper of Remedial Coaching

Department of Economics

Class - FYBA

Room No. N-10

Total Marks - 20

Time – 02.00- 03.00

1.----- म्हणजे जागतिक अर्थव्यवस्थेचे एकात्मीकरण होय.

उदारीकरण खाजगीकरण जागतिकीकरण यापेक्षा वेगळे

2. घटत्या सीमांत उपयोगितेचा सिद्धांत ----- यांच्या नावाने ओळखला जातो.
 डॉ. मार्शल केन्स रिकार्डो यापेक्षा वेगळे
3. घटत्या सीमांत उपयोगितेचा सिद्धांत ----- यांच्या नावाने ओळखला जातो.
 डॉ. मार्शल केन्स रिकार्डो यापेक्षा वेगळे
4. ज्या ठिकाणी मागणी व पुरवठ्याचा समतोल होतो, त्या ठिकाणी ----- निश्चित होते.
 पुरवठा मागणी किंमत यापेक्षा वेगळे
5. अर्थव्यवस्थेतील द्वितीय क्षेत्राला ----- क्षेत्र असे म्हणतात.
 उद्योग सेवा शेती इतर
6. ज्या बाजारात विशिष्ट वस्तूचा फक्त एकच विक्रेता असतो त्या बाजारास ----- असे म्हणतात.
 मक्तेदारी द्वि-विक्रेताधिकार अल्पविक्रेताधिकार पुर्ण स्पर्धा
7. भारतीय अर्थव्यवस्थेचे स्वरूप व्यक्त करण्यासाठी कोणते विधान योग्य ठरेल
 विकसित विकसनशील अविकसित अल्पविकसित
8. इतर परिस्थिती कायम असताना वस्तूची ----- वाढली असता तिची मागणी कमी होते आणि ----- कमी झाल्यास मागणी वाढते.
 किंमत, किंमत मागणी, मागणी पुरवठा, पुरवठा यापेक्षा वेगळे
9. ----- यांना अर्थाश्लोकाचे जनक म्हणून ओळखले जाते.
 कार्ल मार्क्स अडम स्मिथ अमर्त्य सेन आर्य चाणक्य
10. भारतात नोटाबंदीचा निर्णय केंद्रा घेण्यात आला?
 ८ नोव्हेंबर २०१६ १ नोव्हेंबर २०१६ ५ नोव्हेंबर २०१६ १ जानेवारी २०१७

5. Attendance of Test

Attendance Report of Remedial Coaching Test

5. Attendance of Test

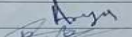









Attendance Report of Remedial Coaching Test

Name of the Subject - Economics

Class - FYBA

Date - 20/02/2023

Time - 04.00 pm To 05.00

SR.NO	STUDENT NAME	Signature of Students
1	Patil Arya	
2	Singh Pooja nain	
3	Hadal Vipul Ramesh	
4	Jadhav Jeet Manoj	
5	Singh Muskan Santosh	
6	Desle Atul Arun	
7	Mahale Avinash Dharma	
8	Bhoye Roshni Barku	
9	Gautam Vishal Pancharam	
10	Kini Akanksha Rohidas	



Department of Economics

6. Overall Mark List

Mark List of Remedial Test Coaching

Name of the Subject – Economics
Date -

Class - FYBA
Time - _____

SR.NO	STUDENT NAME	Total Marks Scored out of 20
1	Patil Arya	16
2	Singh Pooja nain	12
3	Hadal Vipul Ramesh	16
4	Jadhav Jeet Manoj	06
5	Singh Muskan Santosh	18
6	Desle Atul Arun	12
7	Mahale Avinash Dharma	16
8	Bhoye Roshni Barku	08
9	Gautam Vishal Pancharam	14
10	Kini Akanksha Rohidas	16

Department

Signature
Head of the

7. List of Fast Learners*

Note –

Fast Learners* - Those students who have scored more than 50% Marks

Sr. No.	Name of the Student	Total Marks Scored out of 20
1.	Patil Arya	16
2.	Singh Pooja nain	12
3.	Hadal Vipul Ramesh	16
4.	Singh Muskan Santosh	18
5.	Desle Atul Arun	12
6.	Mahale Avinash Dharma	16
7.	Gautam Vishal Pancharam	14
8.	Kini Akanksha Rohidas	16

Signature
Head of the Department

8. List of Slow Learners*

Note –

Slow Learners* - Those students who have scored less than 50% Marks

Sr. No.	Name of the Student	Total Marks Scored out of 20
1.	Jadhav Jeet Manoj	06
2.	Bhoye Roshani Barku	08

Signature
Head of the Department

Attendance of Remedial Class

Department of Economics
Attendance Sheet For Remedial Class 2022-23

Subject :- Economics

Room No : N-15

Class: FYBA

Time 01.10-02.00 pm

Teacher Name Minal Saptarshi

Sr. No.	Name of the Student	6/2/23	7/2/23	8/2/23	9/2/23	10/2/23	11/2/23	13/2/23
1.	Patil Arya	Arya	Arya	Arya	Arya	Arya	Arya	Arya
2.	Singh Pooja nain	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
3.	Hadal Vipul Ramesh	Vipul	Vipul	Vipul	Vipul	Vipul	Vipul	Vipul
4.	Jadhav Jeet Manoj	JIM	JIM	JIM	JIM	JIM	JIM	JIM
5.	Singh Muskan Santosh	SM	SM	SM	SM	SM	SM	SM
6.	Desle Atul Arun	A	A	A	A	A	A	A
7.	Mahale Avinash Dharma	ADDM	ADDM	ADDM	ADDM	ADDM	ADDM	ADDM
8.	Bhoye Roshni Barku	RoshniB	RoshniB	RoshniB	RoshniB	RoshniB	RoshniB	RoshniB
9.	Gautam Vishal Pancharam	VishalGP	VishalGP	VishalGP	VishalGP	VishalGP	VishalGP	VishalGP
10.	Kini Akanksha Rohidas	K-A	K-A	K-A	K-A	K-A	K-A	K-A

MS

Head Of Department
 Department Economics

Photo of Remedial Coaching



Signature
Head of the Department



Sonopant Dandekar Shikshan Mandali's
**Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar**

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Remedial Coaching Report: 2022-23

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NOTICE

Remedial Course Department of English

Remedial classes have been organized for the **F.Y.B.A.** students whose performance is found to be dissatisfactory in the subject of Communication skills in English. All the concerned **F.Y.B.A.** students are hereby informed to contact their respective teacher coordinator. It is mandatory for all the concerned students to attend remedial classes. Attendance for the test is also mandatory.

Dr.
Arundhati Barde
Head of
the Department
Department of English



Sonopant Dandekar Shikshan Mandali's

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1.Report of the Programme

Department of English, Sonopant Dandekar Arts College, V.S. Apte Commerce College and M.H. Mehta Science College, Palghar has taken remedial coaching for Communication Skills in English students' from, 05/12/2022 to 10/12/2022 participants were present for the same.

The aim of the coaching was to identify slow and fast learners so that it will help the students to improve their studies.

The Coaching was conducted for a period of one week 05/12/2022 to 10/12/2022 in Room No. N-10 by Prof. Dr. Arundhati Barde.

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Co – Curriculum	Remedial Coaching	From 05/12/2022 to 10/12/2022	Classroom No.	Name of the Faculty Member	20
One-to-one tutoring/	Grammar – Basic sentence structure	05/12/2022	N-10	Dr. Arundhati Barde	20
Interactive discusion	Reading Comprehension	06/12/2022	N-9	Dr. Arundhati Barde	20
Interactive discussion/ Fill-in-blank exercises	Verbs and Tenses	07/12/2022	N-10	Dr. Arundhati Barde	20
One –to – one tutoring	Paragraph writing	08/12/2022	N-10	Dr. Arundhati Barde	20
Audio-visual aids/ Multiple – choice questions	Basic Synonyms and Antonyms	09/12/2022	N-9	Dr. Arundhati Barde	20
Audio-visual aids	Use of Punctuation in Writing	10/12/2022	N-10	Dr. Arundhati Barde	20

Signature
Signature

Coordinator of the Programme
Department

Head of the



Sonopant Dandekar Shikshan Mandali's

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Department of English

Remedial Coaching for F.Y.B.A.: 2022 - 2023

Signature
Head of the Department



Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts, V. S. Apte Commerce
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Name of the Subject: Communication Skills in English
Class: F.Y.B.A.

Syllabus for Remedial Coaching

1. Grammar
2. Vocabulary – Basic synonyms and antonyms, homonyms , homophones
3. Reading Comprehension
4. Writing Skills
5. Listening Skills

Department

**Signature
Head of the**



Sonopant Dandekar Shikshan Mandal's
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Time Table for Remedial Coaching

**Name of the Subject – Communication Skills in English
Class – F.Y.B.A.**

Day	Date	Time	Classroom No.
------------	-------------	-------------	----------------------

Monday	05/12/2022	11.50 am to 12.40 pm	N-10
Tuesday	06/12/2022	11.50 am to 12.40 pm	N-10
Wednesday	07/12/2022	11.50 am to 12.40 pm	N-10
Thursday	08/12/2022	11.50 am to 12.40 pm	N-10
Friday	09/12/2022	11.50 am to 12.40 pm	N-10
Saturday	10/12/2022	11.50 am to 12.40 pm	N-10

Department

**Signature
Head of the**

Class - F.Y.B.A

Total Marks – 20

**Time - 1 to 2
Room No. N-10**

Ques1. Fill in the blanks with suitable prepositions.

(3)

The engines will be shut when the lander is about 2m the lunar surface, where it will be allowed fall free. A central thruster will be used reduce the vertical velocity and blow lunar dust prevent clouding after the soft-landing.

Ques 2. Choose the odd words from the lists of synonyms given below:

(4)

- i. Cease: a) finish b) stop c) abandon d) deny
- ii. Harm: a) abuse b) castigate c) batter d) correct

Ques 3. Add the appropriate prefix/suffix:

(2)

- i. No child ever accepts-----believable stories.
- ii. If you -----behave, you are likely to be punished.
- iii. Please help me find the baby. She has simply -----appeared.
- iv. There is hard ----any scope for improvement.

Ques 4 Drop an email to your friend for a party on the occasion of your promotion.

(5)

Ques 5 Write a dialogue between two teens discussing the number of their classmates who are addicted to smoking and alcohol.

(6)

Department

Head of the

Attendance Report of Remedial Coaching Test

Sonopant Dandekar Arts College, V. S. Apte Commerce College &
M. H. Mehta Science College, Palghar, Dist. Palghar,

Mark List of Remedial Teaching Test (2022-23)

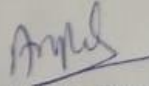
Name of the Subject - Communication Skills in English

Class - F.Y.B.A.

Date - 12/12/2022

Time - 11.50 to 12.50

Sr. No.	Roll No.	Name	Signature
1.	10	PATIL DIYA NILESH	Diya
2.	14	GOSAVI SONALI MADHUKAR	SONALI
3.	25	SHELAR DIVYA JAYWANT	D.J. Shelkar
4.	36	WAGH MANASI LAXMAN	Mansi
5.	44	MEHER TEJAS PRAFUL	Tejas
6.	49	GHODA PRAMOD KAKAD	Prhoda
7.	57	GADGE AKASH AJAGAR	Akash
8.	62	RAUT GATISH SURENDRA	G. S. Raut
9.	68	PATIL RUCHIKA HANSRAJ	Rpatil
10.	80	KAMADI SHIRISH SAINATH	Skamadi
11.	87	CHAVHAN NAGESHWAR VITTHAL	NI
12.	95	VAVARE SNEHA PRADIP	S.P. Vavare
13.	98	MORE MITESH MAHENDRA	More
14.	104	RAUT SANIYA CHANDRAKANT	Raut
15.	162	PATIL RIYA HEMANT	Riya
16.	165	SURKULE SHWETA BANDU	
17.	180	PAWADE CHINMAY YOGESH	Pawade
18.	257	MANDAL ROHIT TAPAN	R.T. Mandal
19.	30002	GHURUDE NAKUL P.	Ghurude
20.	30010	GADAG DIPESH SURESH	Gadag
21.			
22.			


Head of the Department



Sonopant Dandekar Shikshan Mandal's

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Mark List of Remedial Teaching Test

**Name of the Subject – Communication Skills in English
Class -F.Y.B.A.**

Sr.No.	Roll No.	Name	Marks scored
1.	10	PATIL DIYA NILESH	8
2.	14	GOSAVI SONALI MADHUKAR	10
3.	25	SHELAR DIVYA JAYWANT	9
4.	36	WAGH MANASI LAXMAN	10
5.	44	MEHER TEJAS PRAFUL	14
6.	49	GHODA PRAMOD KAKAD	15
7.	57	GADGE AKASH AJAGAR	12
8.	62	RAUT GATISH SURENDRA	12
9.	68	PATIL RUCHIKA HANSRAJ	12
10.	80	KAMADI SHIRISH SAINATH	09
11.	87	CHAVHAN NAGESHWAR VITTHAL	12
12.	95	VAVARE SNEHA PRADIP	12
13.	98	MORE MITESH MAHENDRA	4
14.	104	RAUT SANIYA CHANDRAKANT	7
15.	162	PATIL RIYA HEMANT	AB
16.	165	SURKULE SHWETA BANDU	16
17.	180	PAWADE CHINMAY YOGESH	8
18.	257	MANDAL ROHIT TAPAN	12
19.	30002	GURADE NAKUL PRAKASH	8
20.	30010	GADAG DIPESH SURESH	9

**Signature
Head of the**

Department



Sonopant Dandekar Shikshan Mandal's

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List of Slow Learners

Sr.No.	Roll No.	Name	Marks scored
21.	10	PATIL DIYA NILESH	8
22.	25	SHELAR DIVYA JAYWANT	9
23.	80	KAMADI SHIRISH SAINATH	09
24.	98	MORE MITESH MAHENDRA	4
25.	104	RAUT SANIYA CHANDRAKANT	7
26.	162	PATIL RIYA HEMANT	AB
27.	180	PAWADE CHINMAY YOGESH	8
28.	30002	GURADE NAKUL PRAKASH	8
29.	30010	GADAG DIPESH SURESH	9

Signature

Department

Head of the



Sonopant Dandekar Shikshan Mandali's
Sonopant Dandekar Arts, V. S. Apte Commerce
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List of Fast Learners

Sr.No.	Roll No.	Name	Marks scored
30.	14	GOSAVI SONALI MADHUKAR	10
31.	36	WAGH MANASI LAXMAN	10
32.	44	MEHER TEJAS PRAFUL	14
33.	49	GHODA PRAMOD KAKAD	15
34.	57	GADGE AKASH AJAGAR	12
35.	62	RAUT GATISH SURENDRA	12
36.	68	PATIL RUCHIKA HANSRAJ	12
37.	87	CHAVHAN NAGESHWAR VITTHAL	12

38.	95	VAVARE SNEHA PRADIP	12
39.	162	PATIL RIYA HEMANT	AB
40.	165	SURKULE SHWETA BANDU	16
41.	257	MANDAL ROHIT TAPAN	12

Department

**Signature
Head of the**



Sonopant Dandekar Shikshan Mandali's

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Attendance Report of Remedial Coaching (2022-23)

11	87	CHAVHAN NAGESHWAR VITTHAL	Ⓝ	S.P. Vavare	Ⓝ	S.P. Vavare	Ⓝ	S.P. Vavare	Ⓝ	S.P. Vavare	Ⓝ	S.P. Vavare
12	95	VAVARE SNEHA PRADIP	Ⓝ	S.P. Vavare	Ⓝ	S.P. Vavare	Ⓝ	S.P. Vavare	Ⓝ	S.P. Vavare	Ⓝ	S.P. Vavare
13	98	MORE MITESH MAHENDRA	Ⓝ	More	Ⓝ	More	Ⓝ	More	Ⓝ	More	Ⓝ	More
14	104	RAUT SANIYA CHANDRAKANT	Ⓝ	Raut	Ⓝ	Raut	Ⓝ	Raut	Ⓝ	Raut	Ⓝ	Raut
15	162	PATIL RIYA HEMANT	Ⓝ	Riya	Ⓝ	Riya	Ⓝ	Riya	Ⓝ	Riya	Ⓝ	Riya
16	165	SURKULE SHWETA BANDU	Ⓝ	Shweta	Ⓝ	Shweta	Ⓝ	Shweta	Ⓝ	Shweta	Ⓝ	Shweta
17	180	PAWADE CHINMAY YOGESH	Ⓝ	Pawade	Ⓝ	Pawade	Ⓝ	Pawade	Ⓝ	Pawade	Ⓝ	Pawade
18	257	MANDAL ROHIT TAPAN	Ⓝ	R.T. Mandal	Ⓝ	R.T. Mandal	Ⓝ	R.T. Mandal	Ⓝ	R.T. Mandal	Ⓝ	R.T. Mandal
19	30002	GURUDE NAKUL P. GADAG DIPESH SURESH	Ⓝ	Gurude	Ⓝ	Gurude	Ⓝ	Gurude	Ⓝ	Gurude	Ⓝ	Gurude
20	30010		Ⓝ		Ⓝ		Ⓝ		Ⓝ		Ⓝ	

Head of the Department

B. A. Dandekar Science Jr. College Palghar, Dist. Palghar.

Anshu
12/12/22

Jr. Sup. Signature with Date

Supplement No.

95

Candidate's Seat No.

Date: 12-12-2022

Class: F.Y.B.A.

Subject: Comm Skill in Eng

Q.No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks	6	03	2										12

Q1 fill in the blanks with suitable prepositions.

The engines will be shut down when the lander is about 2m from the lunar surface from where it will be allowed to fall free. A central thruster will be used to reduce the vertical velocity and blow for lunar dust down prevent clouding after the soft land.

Q2 Choose the odd words from the lists of synonyms given below.

- 04
- i) cease :- abandon
 - ii) Harm :- correct

Q3 Add the appropriate prefix /suffix

- 01
- i) No child ever accepts un believable stories
 - ii) If you mis behave you are likely to be punished.
 - iii) please help me find the baby she has simply miss appeared.
 - iv) There is hard ed any scope for improvement.

Q.4 Drop an email to your friend for a party on the occasion of your promotion.

Date :- 30 May 2023
from :- Anu@gmail.com
to :- Vija@gmail.com

subject :- Invite to celebrate Birthday.

Dear vija,

We celebrate some happy occasions such as Birthday marriage, promotions, holidays and house warming with our families and friends.

To celebrate the occasion, we formally invite our colleagues, friends and family memorable and cheerful

We invite the people by sending email and letter by post or by calling them.

I hope you will also come and join my birthday party we shall have a lot of fun. please do come.

Yours sincerely
x.y.z

Signature
Head of the Department

Department of Geography



Sonopant Dandekar Shikshan Mandal's

Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

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NOTICE

Remedial Lectures Department of Geography

Department of Geography has organized remedial coaching for the Students those who are dissatisfactory / unsuccessful in **Semester-I , III and V respectively the subject of Geography**. All the Unsuccessful students are instructed to enroll their names for remedial coaching conducted by Dept. of and attend the classes according to the schedule displayed by the department.

भूगोल विषयात असमाधानकारक गुण प्राप्त करणाऱ्या तसेच अनुत्तीर्ण विद्यार्थ्यांसाठी भूगोल विषयाचे

रेमेडियल कोचिंग भूगोल विभागाने आयोजित केले आहे. सर्व अनुत्तीर्ण व असमाधानकारक गुण प्राप्त करणाऱ्या विद्यार्थ्यांना विभागाद्वारे आयोजित केलेल्या रेमेडियल कोचिंगसाठी त्यांची नावे नोंदविण्याची आणि विभागाद्वारे प्रदर्शित केलेल्या वेळापत्रकानुसार वर्गांना उपस्थित राहण्याची सूचना देण्यात आहे.



Dr. B B Rahane

Assistant Professor,

Dept. of Geography/ EVS

Sonopant

College, Palghar

Dandekar

Prof. Mahesh Deshmukh

Vice Principal & IQAC

Coordinator, Sonopant

Dandekar College, Palghar



PRINCIPAL
Sonopant Dandekar Arts College
& I. S. Apte Commerce College &
M. H. Mehta Science College
Palghar (W.R.)
Dist. Palghar: Pin 401 404

Dept. of Geography: Remedial Coaching – 2022-23

Department of Geography, has taken remedial coaching for FY, SY & TYBA (Geography) students From 5th Jan.2023 To 12th Jan. 2023. 25 participants were present for the same.

The aim of the coaching was to identify slow and fast learners so that it will help the students to improve their studies.

The Coaching was conducted for a period of one week 5th Feb.2023 To 12th Feb. 2023 in Room No. BMS-14 .

Activities and Details of the Plan for F.Y.B.A. [Geography]

[Room No. BMS-14]

Activities and Details of the Plan S.Y.B.A. [Geography]

Activities and Details of the Plan S.Y.B.A. [Geography]

Sr. No.	Details	Date	Time	Name of the Teacher
1	Human Geography: An Introduction	05/02/2023	12:30 pm to 1:30pm	Prof. P. D Ghode
2	Population and Settlement	06/02/2023	12:30 pm to 1:30pm	Prof. P. D Ghode
3	Migration: Patterns and Processes	07/02/2023	12:30 pm to 1:30pm	Prof. P. D Ghode
4	Practical: Construction of maps	08/02/2023	12:30 pm to 1:30pm	Dr. B. B. Rahane
5	Practical: Map Reading and Interpretation	09/02/2023	12:30 pm to 1:30pm	Prof. P. D Ghode

[Room No. BMS-14]

Sr. No.	Details	Date	Time	Name of the Teacher
1	Physical Geography of Maharashtra	16/02/2023	12:30 pm to 1:30pm	Prof. P. D G
2	Maharashtra: Resources	17/02/2023	12:30 pm to 1:30pm	Dr. B. B. R
3	Determinants of Agriculture,	18/02/2023	12:30 pm to 1:30pm	Prof. P. D G
4	Maharashtra: Agriculture, Livestock and Fishing, Industrial Regions of Maharashtra	18/02/2023	12:30 pm to 1:30pm	Dr. B. B. R
5	Types of Agriculture and Distribution , Agricultural Sustainability	17/02/2023	12:30 pm to 1:30pm	Prof. P. D G
6	Practical : Construction of Map	18/02/2023	12:30 pm to 1:30pm	Dr. B. B. R
7	Construction of statistical diagrams and graphs	18/02/2023	12:30 pm to 1:30pm	Dr. B. B. R



Coordinator
Prof. P D Ghode



Dr. B B Rahane
Head of the Department

Dept. of Geography: Remedial Coaching – 2022-23

Activities and Details of the Plan T.Y.B.A. [Geography]

[Room No.

BMS-13]

Module No.	Details	Date	Time	Name of the Teacher
1	Hierarchy of Urban Settlement, Models of Cities	17/03/2023	12:30 pm to 1:30pm	Prof. PDG
2	Morphology of Urban Settlements and Smart Cities	18/03/2023	12:30 pm to 1:30pm	Dr. BBR
3	Maharashtra: Geographical Setting	20/03/2023	12:30 pm to 1:30pm	Prof. PDG
4	Biodiversity Hotspot : Concept and distribution	21/03/2023	12:30 pm to 1:30pm	Prof. PDG
5	Tourism Planning and Organization	22/03/2023	12:30 pm to 1:30pm	Dr. BBR
6	Tourism Infrastructure and ancillary Services	23/03/2023	12:30 pm to 1:30pm	Dr. BBR
7	Calculation of Central; tendency and Standard Deviation using SPSS	23/03/2023	12:30 pm to 1:30pm	Prof. PDG



Coordinator
Prof. P D Ghode



Dr. B B Rahane
Head of the Department

Dept. of Geography : Remedial Coaching- 2022-23

Remedial Coaching

Remedial Coaching is organized in dept. of geography with a view to improve academic skills among the students to raising their level of comprehension of basic subject to provide a stronger foundation for further academic work. It also helps to strengthen their knowledge, skills and attitudes in such subject where quantitative and qualitative techniques are involved so that proper guidance and training provided under this program may enable the students to come up to the level necessary for pursuing higher studies efficiently and effectively. Department has taken qualitative steps to identify slow learners so that it can facilitate better handling of students according to their academic needs. Remedial classes are planned on a weekly basis for the slow learners to facilitate them in their learning process and their progression is tracked.

Objectives:

1. To identify slow learners so that it can facilitate better handling of students according to their subject needs.
2. To motivate and help the weaker students to realize their weakness and help them to improve on their fronts.
3. To make the students assess their academic score and to revise the subject knowledge.
4. To improve geographical practical skills

Outcome:

1. Through this effort of the faculty, the slow learners are highly benefitted and are able to understand their lessons in a better way.
2. Remedial teaching is a kind of follow up and it is done after an initial phase of teaching and evaluation.

3. Remedial teaching as a part of curriculum is being done for the sake of slow learners with the aim of improving their understanding ability through easy and simple language.
4. Study materials are specially prepared for them for easier understanding.
5. There was marked improvement in the level of achievement after the rigorous remedial teaching at regular intervals.



Department

Head of the

Dept. of Geography: Remedial Coaching – 2022-23
IQAC & Department of Geography ORGANISESE REMEDIAL COACHING
REGISTRATION / ATTENDANCE

HINDI
DEPARTMENT

2022 - 2023 Remedial Coaching Report: HINDI

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To provide a strong foundation in the subject of HINDI

NOTICE

Remedial Lectures Department of Hindi

Remedial classes have been organized for the **FYBA HINDI** students whose performance is found to be dissatisfactory in the subject of **HINDI COMPULSORY**. All the concerned **FYBA** Students are hereby informed to contact their respective teacher coordinator.

Further students may note that:

- It is mandatory for all the concerned students to attend remedial classes.
- The Test will be conducted for the Remedial Coaching twice during the period.
- Attendance for both the test is mandatory.

Dr. Sangita Thakur

Head of the Department

Hindi

1. Report of the Programme

Department of _HINDI Sonopant Dandekar Arts College, V.S. Apte Commerce College and M.H. Mehta Science College, Palghar has taken remedial coaching for FYBA HINDI COMPULSORY (Course) students on

09 /02 / /2023 to 11 /02 //2023 participants were present for the same.

The aim of the coaching was to identify slow and fast learners so that it will help the students to improve their studies.

The Coaching was conducted for a period of one week_09 /02 / /2023 to 11 /02 //2023 in Room. N - 18

by Prof. Dr. Sangita Thakur .

Type of	Topic	Date and	Place of Event	Coordinator	Number of
---------	-------	----------	----------------	-------------	-----------

Activity		Time			Participants
Test	Remedial Coaching	09 /02 / /2023 to 11 /02 //2023	N 18		14
			N 18		

Signature

**Coordinator
of the
Programme
Head of the
Department**

2. Brochure:

Department of HINDI

Remedial Coaching for FYBA

HINDI COMPULSORY

2022- 2023

Signature

**Head of the
Department**

HINDI

3. Syllabus

Name of the Course :Hindi compulsory

Class: FYBA HINDI COMPULSORY

Syllabus for Remedial Coaching

1. कहानी की परिभाषा तत्व भीष्म साहनी की किसी एक कहानी की की समीक्षा
2. माता - विमाता कहानी का उद्देश्य एवं संदेश
3. किसी भी सामाजिक राजनीतिक सांस्कृतिक धार्मिक समसामयिक विषय पर निबंध ।
4. पत्र लेखन औपचारिक एवं अनौपचारिक ।
5. भाषा ज्ञान संज्ञा सर्वनाम विशेषण पर्यायवाची शब्द विलोमार्थी शब्द
6. अंग्रेजी से मराठी में एवं हिंदी में अनुवाद ।

Signature

Head

4. Time Table

Time Table for Remedial Coaching

Name of the Subject – HINDI COMPULSORY

Class – FYBA

Date – 09 /02 /2023

to 11 /02 /2023

Day	Time	Classroom No.	
Wednesday	9.30	N 18	

Thursday	8.30	N 18	
Friday	09 00 am	N 18	

Signature
Head of the
Department

5. Test Paper of Remedial Coaching

Class FYBA.
20

MARKS

Subject Hindi.
minutes

TIME 30

COMPULSORY

प्रश्न.६ अ) भाषा ज्ञान |
१० अंक

- अशुद्ध वर्तनी को शुद्ध कर लिखिए।
 - 1) मैत्रता
 - 2) वीदआलय
- लिंग परिवर्तन कीजिए।
 - 1) घोड़ा
 - 2) मोर
- वचन परिवर्तन कीजिए।
 - 1) वह जा रहा हैं।
 - 2) यह सबसे अच्छी पुस्तक हैं।
- पर्यायवाची शब्द लिखिए।
 - 1) स्वामी
 - 2) पथ
- विलोमार्थी शब्द लिखिए।
 - 1) शुद्ध
 - 2) दूर

आ) अनुवाद कीजिए। (अंग्रेजी से हिंदी में)
१० अंक

Social media basically means any human communication or sharing information on internet that occurs through the medium of computer, tablet or mobile. there are numerous websites and apps that make it possible. social media is now becoming one of the largest means of communication and is gaining popularity rapidly. social media enables you to share ideas, content, information and news etc. at a much faster speed. In last few years social media has grown tremendously at an unexpectedly fast rate and has captured millions of users around the world.

Signature

**Head of the
Department**

6. Overall Mark List

Mark List of Remedial Test Coaching

Name of the Subject - HINDI COMPULSORY
FYBA

Class -

Date - 09 /02 / /2023 to 11 /02 //2023

Time - 9 :30

Sr no.	Name of the Student	Total Marks Scored out of 20
1	नेहा मिश्रा	06
2	वर्मा ज्योति	15
3	यादव बिट्टू	07
4	सिंग पुजा	12
5	धोबी वर्षा	14
6	महतो नागेश्वर	16
7	घटाल कविता	17
8	कोम अस्मिता	05
9	वर्मा ज्योति	07
10	यादव मोहनी	15
11	शर्मा रक्षा	05
12	पूजा शर्मा	16

13	यादव अतुल	06
14	सहानी सोनू कुमार	15
15	गुप्ता हर्ष	12

Signature

Head of the

Department

7. List of Fast Learners*

Note –

Fast Learners* - Those students who have scored more than 50% Marks

Sr. No.	Name of the Student	Total Marks Scored out of 20
1	वर्मा ज्योति	15
2	सिंग पुजा	12
3	धोबी वर्षा	14

4	महतो नागेश्वर	16
5	घटाल कविता	17
6	यादव मोहनी	15
7	पूजा शर्मा	16
8	सहानी सोनू कुमार	15
15	गुप्ता हर्ष	12

Signature

**Head of the
Department**

8. List of Slow Learners*

Note –

Slow Learners* - Those students who have scored less than 50% Marks

1	नेहा मिश्रा	06
2	यादव बिट्टू	07
3	कोम अस्मिता	05
4	वर्मा ज्योति	07
5	शर्मा रक्षा	05
6	यादव अतुल	06

Signature

**Head
of the
Department**

9. Attendance Report

Attendance Report of Remedial Coaching – Day 1

Date:09 /02 / /2023 to 11 /02 //2023

Time - 9.30

Sanskrit Dandiya Arts, V.S. Arts Commerce & P.H. Vidya Vidya College, Palner
Dist-Palner (403 604)

Semester based Credit & Grading System
Attendance of students for Tutorial/Assignment/Projects/Class test
Academic Year 2022-2023

Class: F.Y.B.A. Div.: All Subject: Hindi Course: _____ Semester: _____

Paper No. _____ Name of Assoc. Prof. Dr. Smita J. Thakur

Sr. No.	Roll No.	Sign	Sr. No.	Roll No.	Sign	Sr. No.	Roll No.	Sign
1	176	Aranya	26			51	47	Aranya
2	110	Jyoti	27			52	231	Pt
3	227	Rohit	28			53	176	Aranya
4	19	Aranya	29			54	243	Aranya
5	90	Aranya	30			55	90	Aranya
6	231	Pt	31			56	110	Jyoti
7	47	Aranya	32			57	227	Rohit
8	243	Aranya	33			58	19	Aranya
9	30011	Samir	34			59	30011	Samir
10	30013	Khuski	35			60	30013	Khuski
11	135	Aranya	36			61	135	Aranya
12	36	Aranya	37			62	36	Aranya
13	135	Jyoti	38			63	135	Jyoti
14	262	Rohit	39			64	262	Rohit
15	156	Utkarsh	40			65	156	Utkarsh
16	100	Sumit	41			66	100	Sumit
17	84	Vedant	42			67	84	Vedant
18	266	Aranya	43			68	266	Aranya
19			44			69		
20			45			70		
21			46			71		
22			47			72		
23			48			73		
24			49			74		
25			50			75		

Date: 09/02/2023

Dr. Smita J. Thakur
 Signature of Asst./Assoc. Prof.

Sonapat Dandekar Arts, V.S. Arts Campus & J.J.H. Mahila Science College, Palghar

Dist-Palghar (402 404)

Semester based Credit & Grading System

Attendance of students for Tutorial/Assignment/Projects/Class test

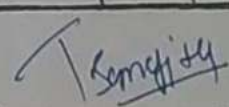
Academic Year 2016-2018

Class F4BA Div. _____ Subject Hindi Course _____ Semester _____

Paper No. _____ Name of Assoc. Prof. Dr. Sangeeta. Thakur

Sr. No.	Roll No.	Sign	Sr. No.	Roll No.	Sign	Sr. No.	Roll No.	Sign
1	110	Shah	26			51	243	Shah
2	227	Kheski	27			52	3001	Samiun
3	19	Arangad	28			53	3003	Kheski
4	176	Arangad	29			54	47	Arangad
5	3001	Samiun	30			55	231	Arangad
6	3003	Kheski	31			56	176	Arangad
7	243	Shah	32			57	90	Arangad
8	231	Arangad	33			58	19	Arangad
9	47	Arangad	34			59	227	Arangad
10	90	Arangad	35			60	110	Shah
11	145	Arangad	36			61	145	Arangad
12	86	Arangad	37			62	30	Arangad
13	135	Arangad	38			63	135	Arangad
14	262	Arangad	39			64	262	Arangad
15	156	Arangad	40			65	156	Arangad
16	100	Arangad	41			66	100	Arangad
17	84	Arangad	42			67	84	Arangad
18	266	Arangad	43			68	266	Arangad
19			44			69		
20			45			70		
21			46			71		
22			47			72		
23			48			73		
24			49			74		
25			50			75		

Date: 10/02/2023


Signature of Asst./Assoc. Prof.

	Sr no	Name of the Student
	1	नेहा मिश्रा
	2	वर्मा ज्योति
	3	यादव बिट्टू
	4	सिंग पुजा
	5	धोबी वर्षा
	6	महतो नागेश्वर
	7	घटाल कविता
	8	कोम अस्मिता
	10	वर्मा ज्योति
	11	यादव मोहनी
	12	शर्मा रक्षा

	13	पूजा शर्मा
	14	यादव अतुल

PHOTOS:





HISTORY DEPARTMENT

Sonopant Dandekar College, Palghar

Department of History

Remedial Coaching Report: 2022-23

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6	Test Paper of Remedial	8 and 9
7	Attendance of Test and Attendance of 6 days coaching	10
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9	List of Fast Learners	12
10	List of Slow Learners	13
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Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

(Best College - University of Mumbai)

(Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019')

NOTICE

Remedial Lectures इतिहास विभाग

ज्या विद्यार्थ्यांना प्रथम सत्रात इतिहास या विषयात समाधानकारक गुण मिळाले नाहीत अशा विद्यार्थ्यांसाठी प्रथम सत्राच्या अभ्यासक्रमावर आधारित इतिहास विभागाने रीमेडियल क्लासेस आयोजित करण्यात आले आहेत. हा कोर्स २० फेब्रुवारी, २०२३ पासून १० मार्च २०२३ पर्यंत घेण्यात येईल. या कोर्सची वेळ दुपारी १:०० ते २:०० वा. या दरम्यान असेल. तरी संबंधित विद्यार्थ्यांनी सदर क्लासेस चे समन्वयक सहा. प्रा. रामदास येडे यांच्याशी संपर्क साधावा.

सहा. प्रा. रामदास येडे
विभागप्रमुख
इतिहास विभाग



Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

[Best College - University of Mumbai]

(Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019')

NOTICE

Remedial Lectures Department of History

Department of History has organized remedial classes based on the syllabus of the first semester for those students who have not performed satisfactorily in the subject of History. This course will be conducted from February 20, 2023 to March 10, 2023. The timing of this course will be between 1:00 pm to 2:00 pm. However, the concerned students should contact Asst. Prof. Ramdas Yede, Coordinator of the same.

Asst. Prof. Ramdas Yede
Head of the Department
Department of History

**Sonopant Dandekar College, Palghar
Department of History**

Report of the Programme

Department of History, Sonopant Dandekar Arts College, V.S. Apte Commerce College and M.H. Mehta Science College, Palghar has organized remedial coaching for FYBA History students on **20/02/2023 to 10/03/2023**. 08 Participants were present for the same.

The aim of the coaching was to identify slow and fast learners so that it will help the students to improve their studies.

The Coaching was conducted for a period of one week from **20/02/2023 to 10/03/2023**. in Room No. J4 by Prof. Ramdas Yede.

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
-------------------------	--------------	----------------------	-----------------------	--------------------	-------------------------------

Co – Curriculum	Remedial Coaching	From 20/02/2023 to 26/02/2023	Classroom No. J4	Asst. Prof. Ramdas Yede	10
--------------------	----------------------	-------------------------------------	---------------------	----------------------------	----

the Department

Signature

Head of

Brochure

**Sonopant Dandekar College, Palghar
Department of History**

Remedial Coaching for FYBA: 2022-23

Remedial Coaching is organized in dept. of History with a view to improve academic skills among the students to raising their level of comprehension of basic subject to provide a stronger foundation for further academic work.

Objectives: Objectives:

1. To identify slow learners so that it can facilitate better handling of students according to their subject needs.
2. To motivate and help the weaker students to realize their weakness and help them to improve on their fronts.
3. To make the students assess their academic score and to revise the subject knowledge.
4. To strengthen the students to pursue higher education

To provide a strong foundation in the subject of History

Signature
Head of the Department

Sonopant Dandekar College, Palghar
Department of History
Syllabus for Remedial Coaching
2022-23

Name of the Subject: History
Class: FYBA

Module 1- Social and Religious Movements in 19th century

Module 2- Education and development of printing press during British era

Module 3- Revenue systems during British era

Module 4- Dalit, Tribal and Peasant Movements in 19th century

Sonopant Dandekar College, Palghar
Department of History
Time Table for Remedial Coaching

Name of the Subject – History
Class – FYBA

Date – From 20/02/2023 to 10/03/2023

Day	Time	Classroom No.
20/02/2023, Monday	1.00 – 2.00 pm	J4
23/02/2023, Thursday	1.00 – 2.00 pm	J4
27/02/2023, Monday	1.00 – 2.00 pm	J4
01/03/2023, Wednesday	1.00 – 2.00 pm	J4
06/03/2023, Monday	1.00 – 2.00 pm	J4
10/03/2023, Friday	1.00 – 2.00 pm	J4

Signature
Head of the Department

Sonopant Dandekar College, Palghar
Department of History
Test Paper of Remedial Coaching
2022-23

Class - FYBA
Total Marks – 20

Time – 1 Hour

Q.1 Answer following with correct options given below. खालील प्रश्नांची उत्तरे दिलेल्या पर्यातून लिहा.

- 1 ब्राम्हो समाजाची स्थापना कोणी केली? Who founded the Brahmo Samaj?
- A] गोपाल कृष्ण गोखले Gopal Krishna Gokhale B] दादाभाई नौरोजी Dadabhai Naoroji
- C] राजा राम मोहन रॉय Raja Ram Mohan Roy D] डॉक्टर आत्माराम पांडुरंग Dr. Aatmaram Pandurang

- 2 रामकृष्ण मिशनची स्थापना कधी झाली? When was the Ramakrishna Mission established?
- A] 1899 B] 1897
C] 1822 D] 1824
- 3 भारताचे मार्टिन ल्युथर कोणाला म्हणतात? Who is called Martin Luther of India?
- A] महात्मा फुले Mahatma Phule B] लोकहितवादी lokhitwadi
C] स्वामी दयानंद सरस्वती Swami Dayanand D] दादाभाई नौरोजी Dadabhai Naoroji
Saraswati
- 4 आर्य समाजाची स्थापना कधी करण्यात आली? When was the Arya Samaj founded?
- A] 1878 B] 1877
C] 1876 D] 1875
- 5 रामकृष्ण मशीनची स्थापना कोणी केली? Who founded the Ramakrishna Mission?
- A] महात्मा फुले Mahatma Phule B] लोकहितवादी lokhitwadi
C] गोपाल कृष्ण गोखले Gopal Krishna D] स्वामी विवेकानंद Swami
Gokhale Vivekananda
- 6 ----- यांनी 'स्वतंत्र मजूर पक्ष' नावाचा राजकीय पक्ष स्थापन केला.----- established a political party called the 'Independent Labour party'.
- A] डॉ. बाबासाहेब आंबेडकर Dr. Babasaheb B] गोपाल कृष्ण गोखले Gopal Krishna
Ambedkar Gokhale
C] महात्मा फुले Mahatma Phule D] लोकहितवादी lokhitwadi
- 7 महात्मा फुले यांचा जन्म कधी झाला? When was Mahatma Phule born?
- A] 11 एप्रिल 1826 11 April 1826 B] 11 एप्रिल 1828 11 April 1828
C] 11 एप्रिल 1829 11 April 1829 D] 11 एप्रिल 1827 11 April 1827
- 8 वूडचा खलिता ----- साली सादर करण्यात आला. Wood's dispatch was introduced in ----- year.
- A] 1856 B] 1857
C] 1854 D] 1855
- 9 भारतात रेल्वे सर्वप्रथम कोणत्या प्रांतात सुरु झाली? In which presidency was the railway first introduced in India?
- A] मद्रास Madras B] बंगाल Bengal
C] मैसूर Mysore D] मुंबई Mumbai
- 10 विद्यापीठ कायदा १९०४ कोणत्या व्हाईस रॉयच्या काळात अस्तित्वात आला? Who was the Viceroy of India when Indian university Act 1904 was passed?
- A] लॉर्ड विल्यम बेंटिक Lord William Bentinck B] लॉर्ड डफरीन Lord Dufferin

C] लॉर्ड कर्ज़न Lord Curzon

D] लॉर्ड कॅनिंग Lord Canning

Sonopant Dandekar College Palghar
Department of History
Result of Remedial Coaching Test
2022-23

Name of the Subject - History

Class - FYBA

Sr. No.	Name of Student	Marks
1	Sujata G. Gavakar	6
2	Prerana P. Ahire	7
3	Maityi More	6
4	Tanisha Meher	7
5	Arya Patil	8
6	Richa Meher	8
7	Sneha Bhoir	9
8	Prasanna Tandel	9

Signature
Head of the Department

Sonopant Dandekar College Palghar
Department of History
List of Fast Learners

Sr. No.	Name of Student	Marks
1	Arya Patil	8
2	Richa Meher	8
3	Sneha Bhoir	9
4	Prasanna Tandel	9

Signature
Head of the Department

Sonopant Dandekar College Palghar
Department of History
List of Slow Learners

Sr. No.	Name of Student	Marks
1	Sujata G. Gavakar	6
2	Prerana P. Ahire	7
3	Maityi More	6
4	Tanisha Meher	7

Signature
Head of the Department

Arya Pathi

FYBA

Sonopant Dandekar College, Palghar
Department of History
Test Paper of Remedial Coaching
2022-23

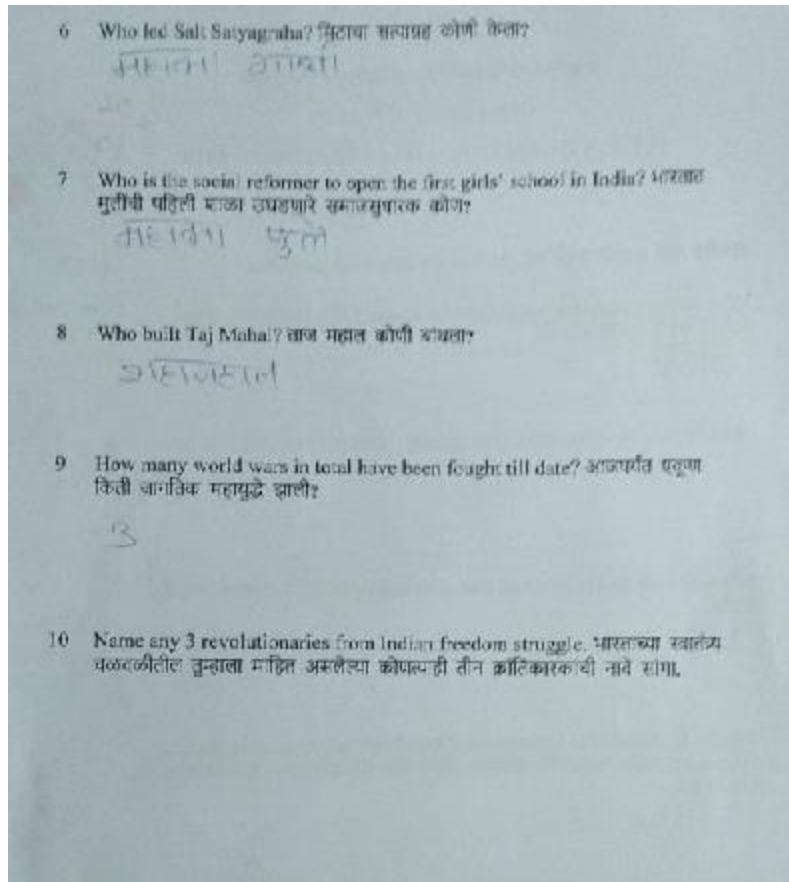
08
10

Class - FYBA
Total Marks - 20

Time - 1 Hour

Q.1 Answer following with correct options given below. खालील प्रश्नांची उत्तरे दिलेल्या पर्यायात लिहा.

- ब्रह्मो समाजाची स्थापना कोणी केली? Who founded the Brahma Samaj?
A) गोपाल कृष्ण गोखले Gopal Krishna Gokhale B) दादाभाई नौरोजी Dadabhai Naoroji
C) राजा राम मोहन रॉय Raja Ram Mohan Ray D) डॉक्टर आनंदाराम पांडुरंग Dr. Anandaram Pandurang
- रामकृष्ण मिशनची स्थापना कधी झाली? When was the Ramakrishna Mission established?
A) 1899 B) 1897
C) 1822 D) 1824
- भारताचे मार्टिन लूथर कोणता म्हणतात? Who is called Martin Luther of India?
A) महात्मा फुले Mahatma Phule B) लोकहितवादी Lokhitwadi
C) स्वामी दयानंद सरस्वती Swami Dayanand Saraswati D) दादाभाई नौरोजी Dadabhai Naoroji
- आर्य समाजाची स्थापना कधी करण्यात आली? When was the Arya Samaj founded?
A) 1878 B) 1877
C) 1876 D) 1875
- रामकृष्ण मिशनची स्थापना कोणी केली? Who founded the Ramakrishna Mission?
A) महात्मा फुले Mahatma Phule B) लोकहितवादी Lokhitwadi
C) गोपाल कृष्ण गोखले Gopal Krishna Gokhale D) स्वामी विवेकानंद Swami Vivekananda



DEPARTMENT OF IT



Sonopant Dandekar Shikshan Mandali's
SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE
AND M. H. MEHTA SCIENCE COLLEGE
Palghar, Dist.Palghar, Pin – 401404
Code:(02525) 252163, Prin: 252317, Resi: 252316
Website : www.sdsmcollege.com Email: sdsmcollege@yahoo.com

Remedial Coaching Report: 2022-23

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Website : www.sdsmcollege.com Email: sdsmcollege@yahoo.com

NOTICE

Remedial Lectures Department of Information Technology

Remedial classes have been organized for the **F.Y.Bsc.IT** students whose performance is found to be dissatisfactory in the subject of **Programming Principles with C**. All the concerned **F.Y.Bsc.IT** students are hereby informed to contact their respective teacher coordinator.

Further students may note that:

- It is mandatory for all the concerned students to attend remedial classes.
- The Test will be conducted for the Remedial Coaching twice during the period.
- Attendance for both the test is mandatory.

Mr. Ashwin Bhagat
Head of the Department
Department of Information
Technology

9. Report of the Programme



Sonopant Dandekar Shikshan Mandali's
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Department of Information Technology, Sonopant Dandekar Arts College, V.S. Apte Commerce College and M.H. Mehta Science College, Palghar has taken remedial coaching for the subject **Programming Principles with C** for the students of **F.Y.B.Sc.I.T**, from 04/02/2023 to 22/02/2023. Total number of **10** participants were present for the course.

The aim of the coaching was to identify slow and fast learners so that, it will help the students to improve their academic performance.

The Coaching was conducted for a period of one month from **04/02/2023 to 22/02/2023** in Room No.14 by Prof. Mrs. Manasi Churi.

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Co – Curriculum	Remedial Coaching / Bridge Course	From 04/02/2023 to 22/02/2023	Classroom No. 14	Mrs. Manasi Churi	10

**Coordinator of the Programme
Department**

Head of the



**Sonopant Dandekar Shikshan Mandali's
SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE
AND M. H. MEHTA SCIENCE COLLEGE
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Code:(02525) 252163, Prin: 252317, Resi: 252316
Website : www.sdsmcollege.com Email: sdsmcollege@yahoo.com**

**Department of Information Technology
Remedial Coaching for F.Y.B.Sc.I.T. : 2022-2023**


**SONOPANT DANDEKAR SHIKSHAN MANDLI'S
SONOPANT DANDEKAR ARTS,
V. S. APTE COMMERCE,
M. H. MEHTA SCIENCE COLLEGE
(PALGHAR)**

ABOUT US

Remedial programs address learning gaps by re-teaching basic skills. They focus on core areas, like reading and math. Remedial programs are open to all students, including those with disabilities.

CONTACT US

BSc-Information Technology

IMPERATIVE PROGRAMMING

Remedial Course

SYLLABUS OF THE COURSE

1. Introduction to programming
2. Conditional Statements and Loops
3. Functions and Arrays
4. Pointers, Structures and Unions

Advantages of the course

Many computer languages based on the imperative programming paradigm are utilised in recent times. On the one hand, the approach is the original form of programming, which can be a reason to be more common of imperative programming. In spite of the existence of alternative models, on the other hand, imperative programming still offers some benefits. These languages are generally simple to learn since imperative programming allows users to read like a step-by-step tutorial. This is due to the fact that programmers often begin their training by learning an imperative language.

PROGRAMMING

In day-to-day operations, easy clearness is an important factor. Finally, multiple personnel may maintain and optimise programmes without too much effort, provided that maintenance and optimization are not tied to a single individual. In procedural programming, the amount of code speedily begins to increase at the time of solving more complex problems, which is one of the biggest disadvantages of procedural programming. It gets complex due to its size, yet it is still easy to read.

There are no secrets to success. It is the result of preparation, hard work, and learning from failure.

Department

Head of the

10.Proposal For Remedial Coaching



Sonopant Dandekar Shikshan Mandali's
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Objectives

4. To identify slow learners and under achievers in a class.
5. Maintaining record of the poor students by the subject teacher and Head of the Department.
6. Interacting with the parents of the students who are weak in academics.

Learning Outcomes

13. To focus on slow learners and help them to learn the subjects effortlessly.
14. To get rid of the common fear among students such as Communication Skills, Stage fear and enhancing technical skills.
15. To help the learners improve their grades and developing self-confidence.
16. To monitor the academic records of the students and evaluate it on the periodical basis.

Duration

- 06 Sessions (2 Hrs per day)

Eligibility of Students

- Learners scoring marks below 50% in Internals, Practicals and Theory.
- Students exhibiting lack of understanding and unable to explain and perform the practical.

Fees

- No Fees should be charged for Remedial Lectures as it is a departmental responsibility.

Intake Capacity

- Maximum 20 students per session.

Exam pattern

- Evaluation will be based on the examinations as per syllabus taught in the remedial lectures.

Proposed day and date

- Ideally after Internal Examination and Semester I results.

11.Syllabus



Sonopant Dandekar Shikshan Mandali's
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Code:(02525) 252163, Prin: 252317, Resi: 252316
Website : www.sdsmcollege.com Email: sdsmcollege@yahoo.com

Name of the Subject: Programming Principles with C

Class: F.Y.Bsc.IT

Syllabus for Remedial Coaching

1. Introduction to programming
2. Conditional Statements and Loops
3. Functions and Arrays
4. Pointers, Structures and Unions

Department

Head of the

12. Time Table



Sonopant Dandekar Shikshan Mandali's
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AND M. H. MEHTA SCIENCE COLLEGE
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Website : www.sdsmcollege.com Email: sdsmcollege@yahoo.com

Time Table for Remedial Coaching

Name of the Subject – Programming Principles with C

Class – F.Y.Bsc.IT
02-2023

Date – From 04-02-2023 to 22-

Day	Time	Classroom No.
04-02-2023	1.00 PM to 3.00 PM	Classroom No. 14

08-02-2023	1.00 PM to 3.00 PM	Classroom No. 14
11-02-2023	1.00 PM to 3.00 PM	Classroom No. 14
15-02-2023	1.00 PM to 3.00 PM	Classroom No. 14
18-02-2023	1.00 PM to 3.00 PM	Classroom No. 14
22-02-2023	1.00 PM to 3.00 PM	Classroom No. 14

Department

Head of the

13. Test Paper of Remedial Coaching



Sonopant Dandekar Shikshan Mandali's
SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE
AND M. H. MEHTA SCIENCE COLLEGE
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Website : www.sdsmcollege.com Email: sdsmcollege@yahoo.com

Class - F.Y.Bsc.IT
BMS-14
Total Marks - 20

Time – 1.00 PM to 1.45 PM

Room No.

Department of Information Technology (I.T)

Internal Examination (Semester I)- February 2019

Subject : Programming Principles with C

Time : 45 mins

Class : F.Y.I.T

Marks : 20

Date:- 27-02-2023

Answer Any Four	
1.	Explain different datatypes in C Language
2.	Write a program to demonstrate a while loop.
3.	Demonstrate if...else with an example.
4.	Explain the concept of structures in detail.
5.	Differentiate between while loop and for loop.
6.	Explain the void() statement with an example.

Department

Head of the

14.Attendance of Test



Sonopant Dandekar Shikshan Mandali's
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Attendance Report of Remedial Coaching Test

Name of the Subject - Programming Principles with C
F.Y.I.T

Class -

Date – 04-02-2023
1.45 PM

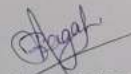
Time – 1.00 PM to


Sonopant Dandekar Shikshan Mandali's
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FYIT REMEDIAL COACHING ATTENDANCE SHEET

Subject : Programming Principles with C Class : F.Y.I.T
Date : 4-02-2023 Time : 1.00 pm to 1.45 pm

Sr. No	Name of The Students	Signature of Student
1	KRUTIKA SUDHIR JADHAV	<i>Krutika</i>
2	SHRADDHA DINKAR NIKAM	<i>Shraddha</i>
3	ALMIZAN AKBAR SHAIKH	<i>Almizan</i>
4	ADITI GOPALRAO TAYADE	<i>Aditi</i>
5	DEEP MUKESH SANKHE	<i>Deep</i>
6	RUDRA DEEPAK SATVE	<i>R.D.Satve</i>
7	HARDI KIRAN RAUT	<i>Hardi</i>
8	RITESH NILESH PATIL	<i>Ritesh</i>
9	MANSI UTTAM VAZE	<i>Mansi</i>


Dr. Ashwin D. Bhagat
HOD, Dept. of I.T

Attendance Report of Remedial Coaching Test
Name of the Subject - Programming Principles with C
F.Y.I.T

Class -

Date – 11-02-2023

Time – 1.00 PM to

1.45 PM



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FYIT REMEDIAL COACHING ATTENDANCE SHEET

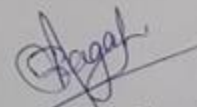
Subject : Programming Principles with C

Class : F.Y.I.T

Date : 11-02-2023

Time : 1.00 pm to 1.45 pm

Sr. No	Name of The Students	Signature of Student
1	KRUTIKA SUDHIR JADHAV	<i>K. Jadhav</i>
2	SHRADDHA DINKAR NIKAM	<i>Shraddha Nikam</i>
3	ALMIZAN AKBAR SHAIKH	<i>Almizan Shaikh</i>
4	ADITI GOPALRAO TAYADE	<i>Aditi Tayade</i>
5	DEEP MUKESH SANKHE	<i>Deep Sankhe</i>
6	RUDRA DEEPAK SATVE	<i>R.D. Satve</i>
7	HARDI KIRAN RAUT	<i>H. Raut</i>
8	RITESH NILESH PATIL	<i>Ritesh Patil</i>
9	MANSI UTTAM VAZE	<i>Mansi Vaze</i>


Dr. Ashwin D. Bhagat
HOD, Dept. of I.T

15.Overall Mark List



Sonopant Dandekar Shikshan Mandali's
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Mark List of Remedial Test Coaching

Name of the Subject – Programming Principles with C

Class - F.Y.I.T

Date – 04-03-2023

Sr. No.	Name of the Student	Total Marks Scored out of 20
1.	Krutika S. Jadhav	11
2.	Shraddha D. Nikam	14
3.	Alimizan A. Shaikh	08
144.	Aditi G. Tayade	11
5.	Deep M. Sankhe	09
6.	Rudra D. Save	07
7	Hardi K. Raut	06
8	Ritesh N. Patil	08
9	Mansi U. Vaze	09

Department

Head of the

16.List of Fast Learners*

Note –

Fast Learners* - Those students who have scored more than 50% Marks



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Website : www.sdsmcollege.com Email: sdsmcollege@yahoo.com

Sr. No.	Name of the Student	Total Marks Scored out of 20
1.	Krutika S. Jadhav	11
2.	Shraddha D. Nikam	14
3.	Aditi G. Tayade	11

Department

Head of the

17. List of Slow Learners*

Note –

Slow Learners* - Those students who have scored less than 50% Marks



Sonopant Dandekar Shikshan Mandali's
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Code:(02525) 252163, Prin: 252317, Resi: 252316
Website : www.sdsmcollege.com Email: sdsmcollege@yahoo.com

Sr. No.	Name of the Student	Total Marks Scored out of 20
1.	Hardi K. Raut	06
2.	Rudra D. Save	07
3.	Deep M. Sankhe	09

Department

Head of the

PICS



Department of Marathi



Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

[Best College - University of Mumbai]

{Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019'}

Remedial Coaching Report: 2022-23

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7	Mark List	7

8	List of Fast Learners	8
9	List of Slow Learners	9
10	Attendance of 6 days coaching	10



Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

[Best College - University of Mumbai]

{Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019'}

NOTICE

Remedial Lectures

Department of Marathi

M.A. Part - I वर्गातील विद्यार्थ्यांना सूचित करण्यात येत आहे की वर्गातील काही निवडूक मुलांसाठी उपचारात्मक अध्यायन वर्गाचे (Remedial Lectures) आयोजित करण्यात आले आहे, तरी संबंधित विद्यार्थ्यांनी या तासिकांना उपस्थित राहावे.

विद्यार्थ्यांनी नोंद घ्यावी :

- सर्वानी उपस्थित राहणे अनिवार्य असेल.
- वर्गाची पूर्तता झाल्यानंतर त्यांची चाचणी घेतली जाईल याची नोंद घ्यावी.
- तासिका आणि चाचणी करिता उपस्थिती अनिवार्य आहे.

Remedial classes have been organized for the **M.A. Part - I** students whose performance is found to be dissatisfactory in the subject of **Marathi**. All the concerned **M.A. Part - I** students are hereby informed to contact their respective teacher coordinator.

Further students may note that:

- It is mandatory for all the concerned students to attend remedial classes.
- The Test will be conducted for the Remedial Coaching twice during the period.
- Attendance for both the test is mandatory.

Asst. Prof. Vivek Kudu
Head of the Department
Department of Marathi

2. Report of the Programme

Department of Marathi, Sonopant Dandekar Arts College, V.S. Apte Commerce College and M.H. Mehta Science College, Palghar has taken remedial coaching for **M.A. Part - I** students on **19/09/2022 to 24/09/2022**. Total **12** participants were present for the same.

The aim of the coaching was to identify slow and fast learners so that it will help the students to improve their studies.

The Coaching was conducted for a period of one week 19/09/2022 to 24/09/2022 in Room No. RD 3 by Prof. Vivek Kudu.

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Lecture	Remedial Coaching	19/09/2022 To 24/09/2022	RD 3	Prof. Vivek Kudu	12

Asst. Prof. Yadav More
Coordinator of the Programme

Asst. Prof. Vivek Kudu
Head of the Department

3. Syllabus

Name of the Subject: Marathi

Class: M.A. Part -I

Syllabus for Remedial Coaching

5. मराठी वाङ्मयाचा इतिहास
6. मराठी भाषा विज्ञान आणि मराठी व्याकरण
7. उपयोजित समीक्षा
8. मराठी साहित्य शास्त्र

Signature

**Asst. Prof. Vivek Kudu
Head of the Department**

4. Time Table for Remedial Coaching

Name of the Subject – Marathi
Class – M.A. Part - I

Date – From 19/09/2022 to 24/09/2022

Day	Time	Classroom No.
19/09/2022	01:00 pm to 02:00 pm	RD 3
20/09/2022	01:00 pm to 02:00 pm	RD 3
21/09/2022	01:00 pm to 02:00 pm	RD 3
22/09/2022	01:00 pm to 02:00 pm	RD 3
23/09/2022	01:00 pm to 02:00 pm	RD 3
24/09/2022	01:00 pm to 02:00 pm	RD 3

Signature
Asst. Prof. Vivek Kudu
Head of the Department

9. Test Paper of Remedial Coaching

सोनोपंत दांडेकरकला, वा.श्री.आपटे वाणिज्य आणि एम. एच. मेहता विज्ञान महाविद्यालय
पालघर

उपचारात्मक अध्ययन (Remedial Course 2022-2023)

मराठी विषयाची पूर्व परीक्षा

वेळ : ३० मिनिटे

गुण

२०

प्रश्न क्र .१ रविकिरण मंडळाची स्थापना कधी झाली ?

प्रश्न क्र .२ आत्तापर्यंत मराठी साहित्यात कोणाकोणाला ज्ञानपीठ पुरस्कार मिळाला ?

प्रश्न क्र .३ कुसुमाग्रजांचे पूर्ण नाव काय?

- प्रश्न क्र .४ भाषाविज्ञानाच्या अभ्यास पद्धती कोणकोणत्या आहेत?
- प्रश्न क्र .५ कुसुमाग्रजांचे पूर्ण नाव काय?
- प्रश्न क्र .६ मराठी भाषा गौरव दिन कोणत्या दिवशी साजरा करण्यात येतो?
- प्रश्न क्र .७ कवी बी या टोपण नावाने कोणत्या कवीला ओळखले जाते?
- प्रश्न क्र .८ अभिजातवाद म्हणजे काय ?
- प्रश्न क्र.९ उपयोजित समीक्षा म्हणजे काय?
- प्रश्न क्र .१० पण लक्षात कोण घेतो ही कादंबरी कोणी लिहिली?

पालघर
उपचारात्मक अध्ययन (Remedial Course 2022-2023)
मराठी विषयाची मुख्य परीक्षा

वेळ : ३० मिनिटे

गुण

२०

- प्रश्न क्र .१ केशवसुत कुणाला म्हटले जाते ?
प्रश्न क्र .२ मराठी समीक्षेच्या विविध पद्धती कोणत्या?
प्रश्न क्र .३ कादंबरी या साहित्य प्रकारचे घटक कोणते ?
प्रश्न क्र .४ भाषाविज्ञानाच्या अभ्यास पद्धती कोणकोणत्या आहेत?
प्रश्न क्र .५ साहित्याची आणि व्यवहाराची भाषा यातील वेगळेपण सांगा.
प्रश्न क्र .६ मर्ढेकर यांच्या कवितांचे विशेष लिहा.
प्रश्न क्र .७ भाषेतील स्वनपरिवर्तन म्हणजे काय ?
प्रश्न क्र .८ अभिजातवाद म्हणजे काय ?
प्रश्न क्र .९ उपयोजित समीक्षा म्हणजे काय?
प्रश्न क्र .१० बोली भाषा आणि प्रमाण भाषा यातील फरक लिहा ?

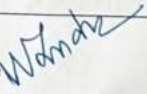
6. Attendance of Test

6. Attendance of Test

Attendance Report of Remedial Coaching Test

Date: 24/09/2022

Sr. No.	Name of the Student	Signature
1.	BARI PRACHI BHUPENDRABHAI	
2.	BHOIR SNEHAL MAHENDRA	
3.	CHAUDHARI JAGRUTI JANKIRAM	
4.	CHIPAT ROHIT RAMESH	
5.	KUNDA VASANT GAWADE	
6.	JADHAV SHILPA VASANT	
7.	KADU KAMU MAHADYA	
8.	LILAKE BHAVESH DILIP	
9.	MORE KRUTIKA MANGESH	
10.	PATIL ASHLESHA RAVINDRA RUCHITA	
11.	PATIL DEEPIKA ATMARAM	
12.	UMTOL SANTOSH SHANKAR	

Signature 
Asst. Prof. Vivek Kudu
Head of the Department

7. Overall Mark List

Mark List of Remedial Test Coaching

Name of the Subject - Marathi

Class – M.A. Part - I

Date – 24/09/2022

Time – 30 Minutes

Sr. No.	Name of the Student	Total Marks Scored out of 20
1.	BARI PRACHI BHUPENDRABHAI	16
2.	BHOIR SNEHAL MAHENDRA	18
3.	CHAUDHARI JAGRUTI JANKIRAM	16
4.	CHIPAT ROHIT RAMESH	18
5.	KUNDA VASANT GAWADE	14
6.	JADHAV SHILPA VASANT	18
7.	KADU KAMU MAHADYA	16
8.	LILAKE BHAVESH DILIP	16
9.	MORE KRUTIKA MANGESH	18
10.	PATIL ASHLESHA RAVINDRA RUCHITA	14
11.	PATIL DEEPIKA ATMARAM	16
12.	UMTOL SANTOSH SHANKAR	16

Signature

Asst. Prof. Vivek Kudu

Head of the Department

8. List of Fast Learners*

Note –

Fast Learners* - Those students who have scored more than 50% Marks

Sr. No.	Name of the Student	Total Marks Scored out of 20
1.	BHOIR SONALI CHANDRAKANT	18
2.	BUNDHADA RANJANA RAVINDRA	16
3.	DHODI RATIKA GOVIND	18
4.	DODE NILESH RAVAJI	16
5.	HADAL CHITRA KASHINATH	18
6.	JADHAV AKSHATA KISHOR	16
7.	JAIYASWAL DIKSHA RAJESH	14
8.	KORADA SAVITA SHANKAR	16
9.	LADAVI MANISHA RAGHUNATH PARVATI	16
10.	PANHALE RITU ARUN	18

Signature
Asst. Prof. Vivek Kudu
Head of the Department

9. List of Slow Learners*

Note –

Slow Learners* - Those students who have scored less than 50% Marks

Sr. No.	Name of the Student	Total Marks Scored out of 20
1.	BARI PRACHI BHUPENDRABHAI	08
2.	BHOIR SNEHAL MAHENDRA	06
3.	CHAUDHARI JAGRUTI JANKIRAM	04
4.	CHIPAT ROHIT RAMESH	06
5.	KUNDA VASANT GAWADE	04
6.	JADHAV SHILPA VASANT	08
7.	KADU KAMU MAHADYA	06
8.	LILAKE BHAVESH DILIP	04
9.	MORE KRUTIKA MANGESH	06
10.	PATIL ASHLESHA RAVINDRA RUCHITA	08
11.	PATIL DEEPIKA ATMARAM	06
12.	UMTOL SANTOSH SHANKAR	04

Signature
Asst. Prof. Vivek Kudu
Head of the Department

10. Attendance Report

10. Attendance Report

Note - Day wise Attendance Report

Attendance Report of Remedial Coaching - Day 1 to Day 5

Date - 19/09/2022 to 23/09/2022

Sr. No.	Name of the Student	19th Sept. 2022	20th Sept. 2022	21st Sept. 2022	22nd Sept. 2022	23rd Sept. 2022
1.	BARI PRACHI BHUPENDRABHAI	Bari	Bari	Bari	Bari	Bari
2.	BHOIR SNEHAL MAHENDRA	Bhoir	Bhoir	Bhoir	Bhoir	Bhoir
3.	CHAUDHARI JAGRUTI JANKIRAM	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari
4.	CHIPAT ROHIT RAMESH	Chipat	Chipat	Chipat	Chipat	Chipat
5.	KUNDA VASANT GAWADE	Kunda	Kunda	Kunda	Kunda	Kunda
6.	JADHAV SHILPA VASANT	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
7.	KADU KAMU MAHADYA	Kadu	Kadu	Kadu	Kadu	Kadu
8.	LILAKE BHAVESH DILIP	Lilake	Lilake	Lilake	Lilake	Lilake
9.	MORE KRUTIKA MANGESH	More	More	More	More	More
10.	PATIL ASHLESHA RAVINDRA RUCHITA	Patil	Patil	Patil	Patil	Patil
11.	PATIL DEEPIKA ATMARAM	Patil	Patil	Patil	Patil	Patil
12.	UMTOL SANTOSH SHANKAR	Umtol	Umtol	Umtol	Umtol	Umtol

Signature

Wandur
Asst. Prof. Vivek Kudu
Head of the Department

Department of Mathematics

Remedial Coaching Report: 2022-23

INDEX

Sr. No.	Particular	Page No.
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3	Brochure	4
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7	Attendance of Test	9
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12	Photographs	20

Date: -24/01/2023

NOTICE
Remedial Lectures
Department of Mathematics

Remedial classes have been organized for the **F.Y. BCOM** students whose performance is found to be dissatisfactory in the subject of Mathematical and Statistical Techniques. All the concerned **F.Y. BCOM** students are hereby informed to contact their respective teacher coordinator.

Further students may note that:

- It is mandatory for all the concerned students to attend remedial classes.
- At the end of the period the test will be conducted for the Remedial Coaching.

- Attendance for the test is mandatory.

Head of the Department
Department of Mathematics

18. Report of the Programme

Department of Mathematics, Sonopant Dandekar Arts College, V.S.Apte Commerce College and M.H. Mehta Science College, Palghar has taken remedial coaching for students on 13/02/2023 to 20/02/2023.

38 participants were present for the same.

The aim of the coaching was to identify slow and fast learners so that it will help the students to improve their studies.

The Coaching was conducted for a period from 13/02/2023 to 20/02/2023 in Room no M-21 by Prof. Nidhi Mali

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Mathematical and Statistical Techniques	Remedial Coaching	13/02/2023 to 20/02/2023	M-21	Prof. Nidhi Mali	38

Signature
Coordinator of the Programme

Signature
Head of the Department

19.Brochure:

Department of Mathematics

Remedial Coaching for F.Y. BCOM: 2022 - 2023

20.Syllabus

Name of the Subject: Mathematical and Statistical Techniques

Class: F.Y. BCOM

Syllabus for Remedial Coaching

1. **Permutation and Combination:** Factorial Notation, Fundamental principle of counting, Permutation as arrangement, Simple examples, combination as selection, Simple examples, Relation between ${}^n C_r$ and ${}^n P_r$. Examples on the commercial application of permutation and combination.
2. **Measures of Central Tendencies:** Definition of Average, Types of Averages: Arithmetic Mean, Median, and Mode for grouped as well as ungrouped data
3. **Random Variable:** Probability distribution of a discrete random variable; Expectation and Variance of random variable, simple examples on probability distributions.
4. **Mutual Funds:** Simple problems on the calculation of Net income after considering entry load, dividend, change in Net Asset Value (N.A.V.) and exit load.
5. **Measures of Dispersions:** Concept and idea of dispersion. Various measures Range, Quartile Deviation, Mean Deviation, Standard Deviation, Variance, and Combined Variance

Signature
Head of the Department

6. Time Table

Time Table for Remedial Coaching

Name of the Subject – Mathematical and Statistical Techniques I

Class – F.Y. BCOM

Date – 24/01/2023

Day	Time	Classroom No.
13/02/2023	12:00 noon to 1:00 pm	M-21
14/02/2023	12:00 noon to 1:00 pm	M-21
15/02/2023	12:00 noon to 1:00 pm	M-21
16/02/2023	12:00 noon to 1:00 pm	M-21
17/02/2023	12:00 noon to 1:00 pm	M-21

20/02/2023	12:00 noon to 1:00 pm	M-21
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Signature
Head of the Department

7. Test Paper of Remedial Coaching

F.Y.B. Com Remedial Course 2022-2023

Subject – Mathematical & Statistical techniques I

Date - 24/02/2023

Time - 60 minutes Class – F.Y.BCom

Div - _____

Name of the Teacher - _____

Marks: - 20 Marks

Q.1 Attempt any two questions from the following:

(10)

i. Mr. Kothari invested in a systematic investment plan of a M.F., a fixed sum a Of Rs. 10,000 on 5th of every month, for 4 months. The N.A.V. on these dates were Rs. 34.26, 46.12, 39.34 and 41.85. The entry load was 2.25% throughout the period. Find the average price, including the entry load, using the Rupee-Cost-Averaging Method. How does it compare with the A.M. of the prices?

ii. Out of 20 persons, who have to sit for a meeting, half on each side of a long table, 3 3 particular persons desire to sit on one side and four others on the other side. Find the number of ways in which the meeting can be conducted.

iii. Show that $40! = 2^{20} \times 20! (1 \cdot 3 \cdot 5 \cdot \dots \dots 39)$

Q.2 Attempt any two questions from the following: (10)

i. Find the arithmetic mean for the following data. Representing marks of 80 students.

Marks	0-10	10-20	20-30	30-40	40-50
No. of Students	12	13	21	19	15

ii. Find the standard deviation for the distribution of weights of 90 children.

Weights in kgs.	20-25	25-30	30-35	35-40	40-45
No. of children	11	15	24	26	14

iii. From a well-shuffled pack of cards, a card is drawn at random, find the probability that the card drawn is (i) an ace, (ii) a heart card, (iii) a king of hearts.

Signature
Head of the Department

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Sonopant Dandekar Arts College, V. S. Apte Commerce College & M. H. Mehta Science College & R. H. Save Arts, Seth C. J. Bhanushali Com. & B. A. Dandekar Science Jr. College Palghar, Dist. Palghar.

Jr. Sub. Signature with Date: [Signature] Supplement No. [Blank] Candidate's Seat No. [Blank]

Date: 24/02/2023 Class: F.Y.B.Com Subject: Math and Stats

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks													09 20

Q.2. iii) Let S be the sample space
 $n(S) = 52$
 A: An ace
 $n(A) = 4$
 $P(A) = \frac{n(A)}{n(S)} = \frac{4}{52}$
 B: A king of heart
 $n(B) = 1$
 $P(B) = \frac{n(B)}{n(S)} = \frac{1}{52}$
 C: A heart card
 $n(C) = 13$
 $P(C) = \frac{n(C)}{n(S)} = \frac{13}{52}$

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Sonopant Dandekar Arts College, V. S. Apte Commerce College & M. H. Mehta Science College & R. H. Save Arts, Seth C. J. Bhanushali Com. & B. A. Dandekar Science Jr. College Palghar, Dist. Palghar.

Jr. Sub. Signature with Date: [Signature] Supplement No. 1 Candidate's Seat No. [Blank]

Date: 24/02/2023 Class: F.Y.B.Com Subject: Math

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks													08 20

Q.1
 (5) $40! = 1 \times 2 \times 3 \times 4 \times \dots \times 39 \times 40$
 $= (2 \times 4 \times 6 \times \dots \times 40) (1 \times 3 \times 5 \times \dots \times 39)$
 $= (2 \times 2) (2 \times 2) (2 \times 2) \dots (2 \times 20) \cdot (1 \times 3 \times 5 \times \dots \times 39)$
 $= 2^2 (2 \times \dots \times 20) (3 \times 5 \times \dots \times 39)$
 $= 4 (2 \times 20) (3 \times 5) \dots$

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Sonopant Dandekar Arts College, V. S. Apte Commerce College & M. H. Mehta Science College & R. H. Save Arts, Seth C. J. Bhanushali Com. & B. A. Dandekar Science Jr. College Palghar, Dist. Palghar.

Jr. Sub. Signature with Date: [Signature] Supplement No. [Blank] Candidate's Seat No. [Blank]

Date: 24/02/2023 Class: F.Y.B.Com Subject: Mathematical & Statistical

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks													13 20

Q.2
 iii) Let S be the sample space of the experiment
 $n(S) = 52$
 1] A: An ace card is drawn
 $\therefore n(A) = 4$
 $P(A) = \frac{n(A)}{n(S)} = \frac{4}{52} = \frac{1}{13}$
 2] B: A king of heart is drawn
 $\therefore n(B) = 1$
 $P(B) = \frac{n(B)}{n(S)} = \frac{1}{52}$
 3] C: A heart card is drawn
 $\therefore n(C) = 13$
 $P(C) = \frac{n(C)}{n(S)} = \frac{13}{52} = \frac{1}{4}$

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Sonopant Dandekar Arts College, V. S. Apte Commerce College & M. H. Mehta Science College & R. H. Save Arts, Seth C. J. Bhanushali Com. & B. A. Dandekar Science Jr. College Palghar, Dist. Palghar.

Jr. Sub. Signature with Date: [Signature] Supplement No. 1 Candidate's Seat No. [Blank]

Date: 24/02/2023 Class: F.Y.B.Com Subject: Math & Stat I

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks													16 20

Q.1 Here the variable is the marks and the frequency represents the number of students

Marks	No. of students	Class Mark	fx
0-10	12	5	60
10-20	13	15	195
20-30	21	25	525
30-40	19	35	665
40-50	15	45	675
	$\Sigma f = 80$		$\Sigma fx = 2120$

$N = \Sigma f = 80$, $\Sigma fx = 2120$
 $\bar{x} = \frac{\Sigma fx}{\Sigma f} = \frac{2120}{80} = 26.5$

8. Attendance of Test

Attendance Report of Remedial Coaching Test

Name of the Subject - Mathematical and Statistical Techniques

Class –F.Y. BCOM

Date -24/02/2023

Time – 12:00 noon to 1:00 pm

Sonopant Dandekar Shikshan Mandali's
SONOPANT DANDEKAR ARTS, V.S. APTE COMMERCE AND M.H. MEHTA SCIENCE COLLEGE, PALGHAR
Tal. & Dist. - Palghar. Pin - 401 404.

Semester based Credit & Grading System

Attendance of students for Tutorial/ Assignment/ Project/ Class Test
Academic Year - 2022-23

Remedial Coaching

Class - F.Y.B.Com Course - Mathematical & Statistical Techniques I Div - J Semester - I

Subject - Paper No. -

Name of Prof. - *Nidhi Mali*

Sr. No.	Roll No.	Sign	Sr. No.	Roll No.	Sign	Sr. No.	Roll No.	Sign
1	1009	<i>Gmonarda</i>	31	36009	<i>Amore</i>	61		
2	1020	<i>Amore</i>	32	36021	<i>Amore</i>	62		
3	1043	<i>Amore</i>	33	36039	<i>Balka</i>	63		
4	1054	<i>Amore</i>	34	36051	<i>Gautam</i>	64		
5	1065	<i>Amore</i>	35	36077	<i>Amore</i>	65		
6	1068	<i>Amore</i>	36	36102	<i>Amore</i>	66		
7	1095	<i>Amore</i>	37	36111	<i>Amore</i>	67		
8	1101	<i>Amore</i>	38	36118	<i>S.S.S</i>	68		
9	1119	<i>Amore</i>	39			69		
10	1128	<i>Amore</i>	40			70		
11	1137	<i>Amore</i>	41			71		
12	1152	<i>Amore</i>	42			72		
13	1155	<i>Amore</i>	43			73		
14	1169	<i>Amore</i>	44			74		
15	1176	<i>Amore</i>	45			75		
16	1192	<i>Amore</i>	46			76		
17	1231	<i>Amore</i>	47			77		
18	1247	<i>Amore</i>	48			78		
19	60005	<i>Amore</i>	49			79		
20	60017	<i>Amore</i>	50			80		
21	60023	<i>Amore</i>	51			81		
22	60043	<i>Amore</i>	52			82		
23	60057	<i>Amore</i>	53			83		
24	60099	<i>Amore</i>	54			84		
25	60133	<i>Amore</i>	55			85		
26	60147	<i>Amore</i>	56			86		
27	60148	<i>Amore</i>	57			87		
28	60178	<i>Amore</i>	58			88		
29	60222	<i>Amore</i>	59			89		
30	60248	<i>Amore</i>	60			90		

Date - 24/02/2023

Signature of Asst. / Assoc. Prof.

Signature
Head of the Department

9. Overall, Mark List

Mark List of Remedial Test Coaching

Name of the Subject – Mathematical and Statistical Techniques

Class – F.Y.B.OM

Date –01/03/2023

Sr.No.	Roll No	Name of the student	Total Marks Scored (Out of 20)
1	1009	PUROHIT DESHU MOHANLAL	15
2	1020	GOVARI SANJANA SANTOSH	8
3	1043	TAMORE SIMIT LOCHAN	7
4	1054	GAIKAWAD MANALI SOMNATH	12
5	1065	DESALE SAURABH BHUPENDRA	16
6	1068	RAUT PRANAV SANDEEP	9
7	1095	GAWAD PARTH CHANDRAKANT	11
8	1101	SALAPAKULA LABAN MOHANRAO	6
9	1119	GUPTA SUMIT KAMALKISHOR	5
10	1128	YADAV RAHUL RATANLAL	13
11	1137	VINKAR ROHIT RAMESH	15
12	1152	BURTE RITESH RAVINDRA	5
13	1155	MAKWANA TAMANNA MEHULBHAI	2
14	1169	SINGH TANU SANJEEV SANJIV	11
15	1176	MALI SALONI RAKESH	10
16	1192	RAUT TEJ MANOJ	13
17	1231	SACHIN KUMAR SOHAN PRASAD	6

18	1247	MARDE VEDANT AMIT	8
19	60005	YADAV DEEPAK YOGENDRA	10
20	60017	SHAIKH SIMRAN SAMIM	9
21	60023	KORDA VAISHALI RAMESH	12
22	60043	BHAMARE AADITI JITENDRA	16
23	60057	MHATRE NIHAL KANCHAN	8
24	60099	CHAURASIYA MADHURI RAMVILAS	10
25	60133	JAIKWAL ANKIT SUDARSHAN	5
26	60147	SHIROLE RAHUL BALASAHEB	9
27	60148	GUPTA AKASH KAMLESH	12
28	60178	TRIPATHI SHIVANI CHANDRABHAN	15
29	60222	SINGH ASHWANI AJIT	3
30	60248	HEBBAL AMRESH SHARANAPPA	13
31	36009	MORE MANASVI NITIN	7
32	36021	MANDAL MEGHA OMNARAYAN	9
33	36039	BALKA MAHALAKSHMI KRISHNA	5
34	36051	GAUTAM KHUSHI JAYPRAKASH	12
35	36077	DOKE SEEMA KASHINATH	14
36	36102	PRASAD KARISHMA PREMPRAKASH	10
37	36111	JAGTAP KOMAL SURESH	12
38	36118	SHINDE SAKSHI SANTOSH	4

Signature
Head of the Department

10.List of Fast Learners*

Note – Fast Learners* - Those students who have scored more than 50% Marks

Sr.No.	Roll No	Name of the student	Total Marks Scored (Out of 20)
1.	1009	PUROHIT DESHU MOHANLAL	15
2.	1054	GAIKAWAD MANALI SOMNATH	12
3.	1065	DESALE SAURABH BHUPENDRA	16
4.	1095	GAWAD PARTH CHANDRAKANT	11
5.	1128	YADAV RAHUL RATANLAL	13
6.	1137	VINKAR ROHIT RAMESH	15

7.	1169	SINGH TANU SANJEEV SANJIV	11
8.	1176	MALI SALONI RAKESH	10
9.	1192	RAUT TEJ MANOJ	13
10.	60005	YADAV DEEPAK YOGENDRA	10
11.	60023	KORDA VAISHALI RAMESH	12
12.	60043	BHAMARE AADITI JITENDRA	16
13.	60099	CHAURASIYA MADHURI RAMVILAS	10
14.	60148	GUPTA AKASH KAMLESH	12
15.	60178	TRIPATHI SHIVANI CHANDRABHAN	15
16.	60248	HEBBAL AMRESH SHARANAPPA	13
17.	36051	GAUTAM KHUSHI JAYPRAKASH	12
18.	36077	DOKE SEEMA KASHINATH	14
19.	36102	PRASAD KARISHMA PREMPRAKASH	10
20.	36111	JAGTAP KOMAL SURESH	12

Signature
Head of the Department

11. List of Slow Learners*

Note – Slow Learners* - Those students who have scored less than 50% Marks

Sr.No.	Roll No	Name of the student	Total Marks Scored (Out of 20)
1	1020	GOVARI SANJANA SANTOSH	8
2	1043	TAMORE SIMIT LOCHAN	7
3	1068	RAUT PRANAV SANDEEP	9
4	1101	SALAPAKULA LABAN MOHANRAO	6
5	1119	GUPTA SUMIT KAMALKISHOR	5
6	1152	BURTE RITESH RAVINDRA	5
7	1155	MAKWANA TAMANNA MEHULBHAI	2
8	1231	SACHIN KUMAR SOHAN PRASAD	6
9	1247	MARDE VEDANT AMIT	8
10	60017	SHAIKH SIMRAN SAMIM	9
11	60057	MHATRE NIHAL KANCHAN	8
12	60133	JAIWAL ANKIT SUDARSHAN	5
13	60147	SHIROLE RAHUL BALASAHEB	9
14	60222	SINGH ASHWANI AJIT	3
15	36009	MORE MANASVI NITIN	7
16	36021	MANDAL MEGHA OMNARAYAN	9
17	36039	BALKA MAHALAKSHMI KRISHNA	5
18	36118	SHINDE SAKSHI SANTOSH	4

Signature
Head of the Department

1. Attendance Report

Attendance Report of Remedial Coaching – Day 1

Date– 13/02/2023

Time – 12:00 noon to 1:00 pm

Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science
Department of Mathematics

Daily Attendance Report		
Class - F.Y.B.Com - Mathematical & Statistical Techniques I		Year - 2022-23
Date - 13/02/2023		Signature
Sr. No.	Roll No.	Name of the student
1	1009	PUROHIT DESHU MOHANLAL
2	1020	GOVARI SANJANA SANTOSH
3	1043	TAMORE SIMIT LOCHAN
4	1054	GAIKAWAD MANALI SOMNATH
5	1065	DESALE SAURABH BHUPENDRA
6	1068	RAUT PRANAV SANDEEP
7	1095	GAWAD PARTH CHANDRAKANT
8	1101	SALAPAKULA LABAN MOHANRAO
9	1119	GUPTA SUMIT KAMALKISHOR
10	1128	YADAV RAHUL RATANLAL
11	1137	VINKAR ROHIT RAMESH
12	1152	BURTE RITESH RAVINDRA
13	1155	MAKWANA TAMANNA MEHULBHAI
14	1169	SINGH TANU SANJEEV SANJIV
15	1176	MALI SALONI RAKESH
16	1192	RAUT TEJ MANOJ
17	1231	SACHIN KUMAR SOHAN PRASAD
18	1247	MARDE VEDANT AMIT
19	60005	YADAV DEEPAK YOGENDRA
20	60017	SHAIKH SIMRAN SAMIM
21	60023	KORDA VAISHALI RAMESH
22	60043	BHAMARE AADITI JITENDRA
23	60057	MHATRE NIHAL KANCHAN
24	60099	CHAURASIYA MADHURI RAMVILAS
25	60133	JAISWAL ANKIT SUDARSHAN
26	60147	SHIROLE RAHUL BALASAHEB
27	60148	GUPTA AKASH KAMLESH
28	60178	TRIPATHI SHIVANI CHANDRABHAN
29	60222	SINGH ASHWANI AJIT
30	60248	HEBBAL AMRESH SHARANAPPA
31	36009	MORE MANASVI NITIN
32	36021	MANDAL MEGHA OMNARAYAN
33	36039	BALKA MAHALAKSHMI KRISHNA
34	36051	GAUTAM KHUSHI JAYPRAKASH
35	36077	DOKE SEEMA KASHINATH
36	36102	PRASAD KARISHMA PREMPRAKASH
37	36111	JAGTAP KOMAL SURESH
38	36118	SHINDE SAKSHI SANTOSH

Attendance Report of Remedial Coaching – Day 2

Date – 14/02/2023

Time – 12:00 noon to 1:00 pm

Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science

Department of Mathematics

Daily Attendance Report

Class - F.Y.B.Com - Mathematical & Statistical Techniques I			Year - 2022-23
Sr. No.	Roll No.	Name of the student	Signature
1	1009	PUROHIT DESHU MOHANLAL	P. Desh
2	1020	GOVARI SANJANA SANTOSH	S. Govari
3	1043	TAMORE SIMIT LOCHAN	T. Tamore
4	1054	GAIKAWAD MANALI SOMNATH	G. Manali
5	1065	DESALE SAURABH BHUPENDRA	Absent
6	1068	RAUT PRANAV SANDEEP	R. Prant
7	1095	GAWAD PARTH CHANDRAKANT	G. Parth
8	1101	SALAPAKULA LABAN MOHANRAO	Absent
9	1119	GUPTA SUMIT KAMALKISHOR	Sumit
10	1128	YADAV RAHUL RATANLAL	R. Yadav
11	1137	VINKAR ROHIT RAMESH	R. Vinkar
12	1152	BURTE RITESH RAVINDRA	R. Burte
13	1155	MAKWANA TAMANNA MEHULBHAI	Absent
14	1169	SINGH TANU SANJEEV SANJIV	Absent
15	1176	MALI SALONI RAKESH	S. Mali
16	1192	RAUT TEJ MANOJ	T. Raut
17	1231	SACHIN KUMAR SOHAN PRASAD	Absent
18	1247	MARDE VEDANT AMIT	M. Vardant
19	60005	YADAV DEEPAK YOGENDRA	D. Yadav
20	60017	SHAIKH SIMRAN SAMIM	S.S. Shaikh
21	60023	KORDA VAISHALI RAMESH	V. Korda
22	60043	BHAMARE AADITI JITENDRA	A. Bhmare
23	60057	MHATRE NIHAL KANCHAN	N. Mhatre
24	60099	CHAURASIYA MADHURI RAMVILAS	M. Chaurasiya
25	60133	JAIWAL ANKIT SUDARSHAN	A. Jaiwal
26	60147	SHIROLE RAHUL BALASAHEB	R. Shirole
27	60148	GUPTA AKASH KAMLESH	A. Gupta
28	60178	TRIPATHI SHIVANI CHANDRABHAN	Absent
29	60222	SINGH ASHWANI AJIT	A. Singh
30	60248	HEBBAL AMRESH SHARANAPPA	Absent
31	36009	MORE MANASVI NITIN	M. More
32	36021	MANDAL MEGHA OMNARAYAN	M. Mandal
33	36039	BALKA MAHALAKSHMI KRISHNA	B. Balke
34	36051	GAUTAM KHUSHI JAYPRAKASH	G. Khushi
35	36077	DOKE SEEMA KASHINATH	D. Doke
36	36102	PRASAD KARISHMA PREMPRAKASH	K. Prasad
37	36111	JAGTAP KOMAL SURESH	K. Jagtap
38	36118	SHINDE SAKSHI SANTOSH	S.S.S.

Attendance Report of Remedial Coaching – Day 3

Date – 15/02/2023

Time – 12:00 noon to 1:00 pm

**Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science
Department of Mathematics**

Daily Attendance Report			
Date - 15/02/2023		Class - F.Y.B.Com - Mathematical & Statistical Techniques I	Year - 2022-23
Sr. No.	Roll No.	Name of the student	Signature
1	1009	PUROHIT DESHU MOHANLAL	<u>P. Deshu</u>
2	1020	GOVARI SANJANA SANTOSH	<u>Govari</u>
3	1043	TAMORE SIMIT LOCHAN	<u>Simit</u>
4	1054	GAIKAWAD MANALI SOMNATH	<u>G.M.S</u>
5	1065	DESALE SAURABH BHUPENDRA	<u>Saurabh S.D.B</u>
6	1068	RAUT PRANAV SANDEEP	<u>Raut</u>
7	1095	GAWAD PARTH CHANDRAKANT	<u>Absent</u>
8	1101	SALAPAKULA LABAN MOHANRAO	<u>P.C.Gawad</u>
9	1119	GUPTA SUMIT KAMALKISHOR	<u>Absent</u>
10	1128	YADAV RAHUL RATANLAL	<u>R. Yadav</u>
11	1137	VINKAR ROHIT RAMESH	<u>Ritesh Ramesh</u>
12	1152	BURTE RITESH RAVINDRA	<u>R. Burte</u>
13	1155	MAKWANA TAMANNA MEHULBHAI	<u>M.T.M</u>
14	1169	SINGH TANU SANJEEV SANJIV	<u>Singh</u>
15	1176	MALI SALONI RAKESH	<u>Saloni</u>
16	1192	RAUT TEJ MANOJ	<u>T. Raut</u>
17	1231	SACHIN KUMAR SOHAN PRASAD	<u>Absent</u>
18	1247	MARDE VEDANT AMIT	<u>Marde</u>
19	60005	YADAV DEEPAK YOGENDRA	<u>Y.D.Y</u>
20	60017	SHAIKH SIMRAN SAMIM	<u>S. Shaikh</u>
21	60023	KORDA VAISHALI RAMESH	<u>Vaishali</u>
22	60043	BHAMARE AADITI JITENDRA	<u>A. Bhmare</u>
23	60057	MHATRE NIHAL KANCHAN	<u>Mhatre</u>
24	60099	CHAURASIYA MADHURI RAMVILAS	<u>C.M.R</u>
25	60133	JAISWAL ANKIT SUDARSHAN	<u>A. Jaishwal</u>
26	60147	SHIROLE RAHUL BALASAHEB	<u>Shirole</u>
27	60148	GUPTA AKASH KAMLESH	<u>A. Gupta</u>
28	60178	TRIPATHI SHIVANI CHANDRABHAN	<u>Absent</u>
29	60222	SINGH ASHWANI AJIT	<u>Ashwani</u>
30	60248	HEBBAL AMRESH SHARANAPPA	<u>A. Hebbal</u>
31	36009	MORE MANASVI NITIN	<u>More</u>
32	36021	MANDAL MEGHA OMNARAYAN	<u>M. Mandal</u>
33	36039	BALKA MAHALAKSHMI KRISHNA	<u>B.M.K</u>
34	36051	GAUTAM KHUSHI JAYPRAKASH	<u>Gautam</u>
35	36077	DOKE SEEMA KASHINATH	<u>D. Doke</u>
36	36102	PRASAD KARISHMA PREMPRAKASH	<u>Absent</u>
37	36111	JAGTAP KOMAL SURESH	<u>J.K.S</u>
38	36118	SHINDE SAKSHI SANTOSH	<u>S.S. Shinde</u>

Attendance Report of Remedial Coaching – Day 4

Date – 16/02/2023

Time – 12:00 noon to 1:00 pm

**Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science
Department of Mathematics**

Daily Attendance Report

Date - 16/02/2023		Class - F.Y.B.Com - Mathematical & Statistical Techniques I	Year - 2022-23
Sr. No.	Roll No.	Name of the student	Signature
1	1009	PUROHIT DESHU MOHANLAL	<i>Purohit</i>
2	1020	GOVARI SANJANA SANTOSH	<i>Govari</i>
3	1043	TAMORE SIMIT LOCHAN	<i>Tamore</i>
4	1054	GAIKAWAD MANALI SOMNATH	<i>G.M.S</i>
5	1065	DESALE SAURABH BHUPENDRA	<i>Desale</i>
6	1068	RAUT PRANAV SANDEEP	<i>Raut</i>
7	1095	GAWAD PARTH CHANDRAKANT	<i>Gawad</i>
8	1101	SALAPAKULA LABAN MOHANRAO	<i>Salapakula</i>
9	1119	GUPTA SUMIT KAMALKISHOR	<i>Gupta</i>
10	1128	YADAV RAHUL RATANLAL	<i>Yadav</i>
11	1137	VINKAR ROHIT RAMESH	<i>Vinkar</i>
12	1152	BURTE RITESH RAVINDRA	<i>Burte</i>
13	1155	MAKWANA TAMANNA MEHULBHAI	<i>Makwana</i>
14	1169	SINGH TANU SANJEEV SANJIV	<i>Singh</i>
15	1176	MALI SALONI RAKESH	<i>Mali</i>
16	1192	RAUT TEJ MANOJ	<i>Raut</i>
17	1231	SACHIN KUMAR SOHAN PRASAD	<i>Sachin</i>
18	1247	MARDE VEDANT AMIT	<i>Marde</i>
19	60005	YADAV DEEPAK YOGENDRA	<i>Yadav</i>
20	60017	SHAIKH SIMRAN SAMIM	<i>Shaikhi</i>
21	60023	KORDA VAISHALI RAMESH	<i>Korda</i>
22	60043	BHAMARE AADITI JITENDRA	<i>Bhamare</i>
23	60057	MHATRE NIHAL KANCHAN	<i>Mhatre</i>
24	60099	CHAURASIYA MADHURI RAMVILAS	<i>Chaurasiya</i>
25	60133	JAISWAL ANKIT SUDARSHAN	<i>Jaiswal</i>
26	60147	SHIROLE RAHUL BALASAHEB	<i>Shirole</i>
27	60148	GUPTA AKASH KAMLESH	<i>Gupta</i>
28	60178	TRIPATHI SHIVANI CHANDRABHAN	<i>Tripathi</i>
29	60222	SINGH ASHWANI AJIT	<i>Singh</i>
30	60248	HEBBAL AMRESH SHARANAPPA	<i>Hebbal</i>
31	36009	MORE MANASVI NITIN	<i>More</i>
32	36021	MANDAL MEGHA OMNARAYAN	<i>Mandal</i>
33	36039	BALKA MAHALAKSHMI KRISHNA	<i>Balka</i>
34	36051	GAUTAM KHUSHI JAYPRAKASH	<i>Gautam</i>
35	36077	DOKE SEEMA KASHINATH	<i>Doke</i>
36	36102	PRASAD KARISHMA PREMPRAKASH	<i>Prasad</i>
37	36111	JAGTAP KOMAL SURESH	<i>Jagtap</i>
38	36118	SHINDE SAKSHI SANTOSH	<i>S.S.Shinde</i>

Attendance Report of Remedial Coaching – Day 5

Date – 17/02/2023

Time – 11:30 am to 12:30 pm

Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science
Department of Mathematics

Daily Attendance Report

Date - 17/02/2023		Class - F.Y.B.Com - Mathematical & Statistical Techniques I	Year - 2022-23
Sr. No.	Roll No.	Name of the student	Signature
1	1009	PUROHIT DESHU MOHANLAL	Purohit
2	1020	GOVARI SANJANA SANTOSH	Govari
3	1043	TAMORE SIMIT LOCHAN	Tamore
4	1054	GAIKAWAD MANALI SOMNATH	G.M.S
5	1065	DESALE SAURABH BHUPENDRA	Desale
6	1068	RAUT PRANAV SANDEEP	Raut
7	1095	GAWAD PARTH CHANDRAKANT	Gawad
8	1101	SALAPAKULA LABAN MOHANRAO	Salapakula
9	1119	GUPTA SUMIT KAMALKISHOR	Gupta
10	1128	YADAV RAHUL RATANLAL	Yadav
11	1137	VINKAR ROHIT RAMESH	Vinkar
12	1152	BURTE RITESH RAVINDRA	Burte
13	1155	MAKWANA TAMANNA MEHULBHAI	Makwana
14	1169	SINGH TANU SANJEEV SANJIV	Singh
15	1176	MALI SALONI RAKESH	Mali
16	1192	RAUT TEJ MANOJ	Raut
17	1231	SACHIN KUMAR SOHAN PRASAD	Sachin
18	1247	MARDE VEDANT AMIT	Marde
19	60005	YADAV DEEPAK YOGENDRA	Yadav
20	60017	SHAIKH SIMRAN SAMIM	Shaikh
21	60023	KORDA VAISHALI RAMESH	Korda
22	60043	BHAMARE AADITI JITENDRA	Bhamare
23	60057	MHATRE NIHAL KANCHAN	Mhatre
24	60099	CHAURASIYA MADHURI RAMVILAS	Chaurasiya
25	60133	JAIWAL ANKIT SUDARSHAN	Jaiwal
26	60147	SHIROLE RAHUL BALASAHEB	Shirole
27	60148	GUPTA AKASH KAMLESH	Gupta
28	60178	TRIPATHI SHIVANI CHANDRABHAN	Tripathi
29	60222	SINGH ASHWANI AJIT	Singh
30	60248	HEBBAL AMRESH SHARANAPPA	Hebbal
31	36009	MORE MANASVI NITIN	More
32	36021	MANDAL MEGHA OMNARAYAN	Mandal
33	36039	BALKA MAHALAKSHMI KRISHNA	Balka
34	36051	GAUTAM KHUSHI JAYPRAKASH	Gautam
35	36077	DOKE SEEMA KASHINATH	Doke
36	36102	PRASAD KARISHMA PREMPRAKASH	Prasad
37	36111	JAGTAP KOMAL SURESH	Jagtap
38	36118	SHINDE SAKSHI SANTOSH	S.S.S.

Attendance Report of Remedial Coaching – Day 6

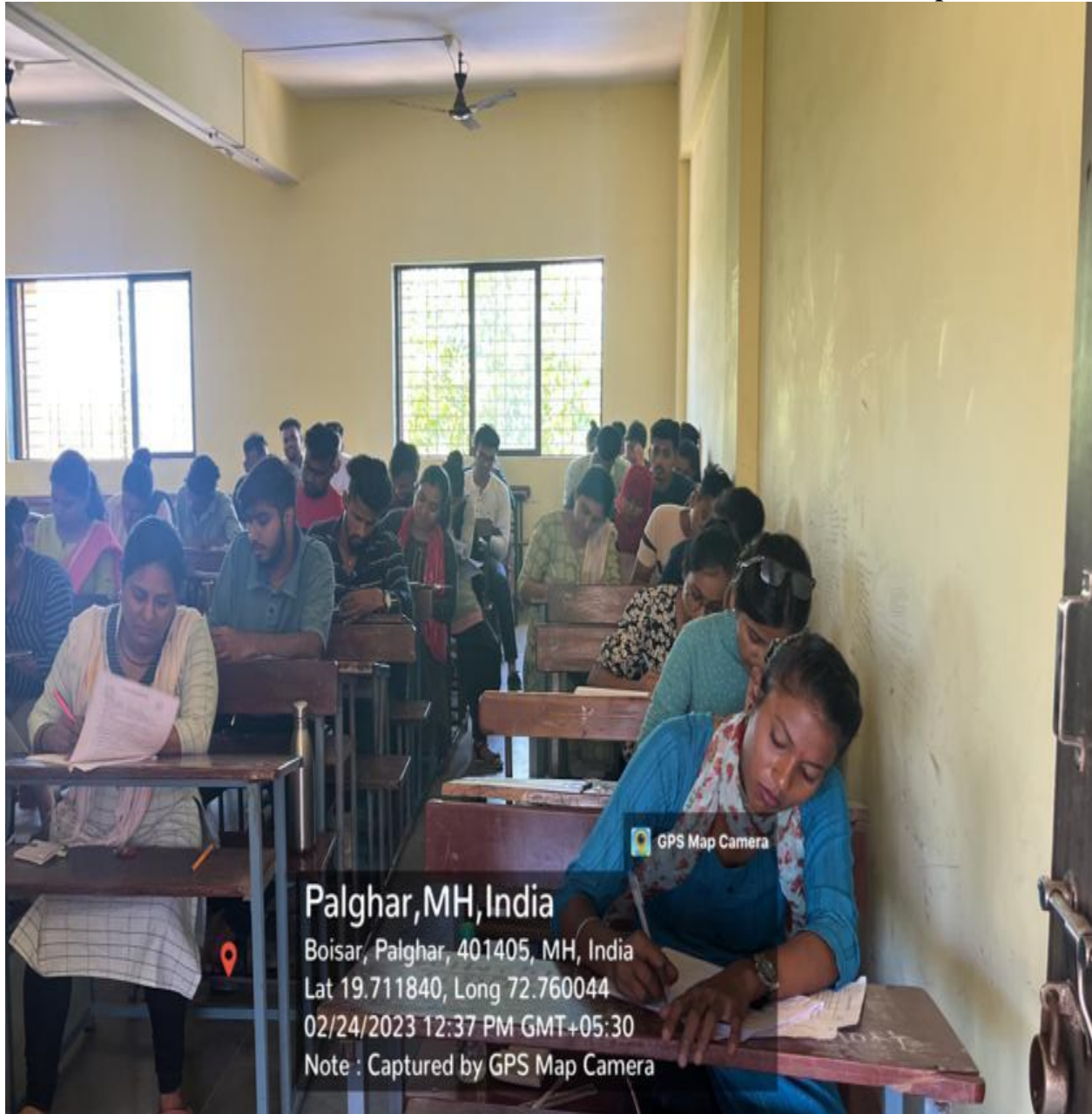
Date – 20/02/2023

Time - 12:00 noon to 1:00 pm

Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science Department of Mathematics

Daily Attendance Report			Year - 2022-23
Class - F.Y.B.Com - Mathematical & Statistical Techniques I			Signature
Sr. No.	Roll No.	Name of the student	
1	1009	PUROHIT DESHU MOHANLAL	P. Deshu
2	1020	GOVARI SANJANA SANTOSH	S. Govari
3	1043	TAMORE SIMIT LOCHAN	S. Tamore
4	1054	GAIKAWAD MANALI SOMNATH	G. M. S.
5	1065	DESALE SAURABH BHUPENDRA	Desale
6	1068	RAUT PRANAV SANDEEP	Raut
7	1095	GAWAD PARTH CHANDRAKANT	Gawad
8	1101	SALAPAKULA LABAN MOHANRAO	S. L. M.
9	1119	GUPTA SUMIT KAMALKISHOR	Absent
10	1128	YADAV RAHUL RATANLAL	R. Yadav
11	1137	VINKAR ROHIT RAMESH	Absent
12	1152	BURTE RITESH RAVINDRA	Burte
13	1155	MAKWANA TAMANNA MEHULBHAJ	Absent
14	1169	SINGH TANU SANJEEV SANJIV	P. Singh
15	1176	MALI SALONI RAKESH	M. Saloni
16	1192	RAUT TEJ MANOJ	Absent
17	1231	SACHIN KUMAR SOHAN PRASAD	Absent
18	1247	MARDE VEDANT AMIT	Marde
19	60005	YADAV DEEPAK YOGENDRA	Yadav
20	60017	SHAIKH SIMRAN SAMIM	S. Shaikh
21	60023	KORDA VAISHALI RAMESH	N. K. Korda
22	60043	BHAMARE AADITI JITENDRA	Bhamare
23	60057	MHATRE NIHAL KANCHAN	M. N. K.
24	60099	CHAURASIYA MADHURI RAMVILAS	C. M. R.
25	60133	JAIWAL ANKIT SUDARSHAN	N. Jaiswal
26	60147	SHIROLE RAHUL BALASAHEB	R. Shirole
27	60148	GUPTA AKASH KAMLESH	G. Gupta
28	60178	TRIPATHI SHIVANI CHANDRABHAN	Absent
29	60222	SINGH ASHWANI AJIT	A. Singh
30	60248	HEBBAL AMRESH SHARANAPPA	A. Hebbal
31	36009	MORE MANASVI NITIN	M. More
32	36021	MANDAL MEGHA OMNARAYAN	M. Mandal
33	36039	BALKA MAHALAKSHMI KRISHNA	Absent
34	36051	GAUTAM KHUSHI JAYPRAKASH	G. Gautam
35	36077	DOKE SEEMA KASHINATH	D. D. D.
36	36102	PRASAD KARISHMA PREMPRAKASH	P. K. P.
37	36111	JAGTAP KOMAL SURESH	J. Jagtap
38	36118	SHINDE SAKSHI SANTOSH	S. S.

Signature
Head of the Department



Signature
Head of the Department

Remedial Coaching Report: 2022-23

INDEX

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Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

(Best College - University of Mumbai)

(Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019')

Date: -17/01/2023

NOTICE
Remedial Lectures
Department of Mathematics

This is to inform all the students of **F.Y.BSC** that the Department of mathematics will be conducting **Remedial teaching classes** in the subject of **Maths I (Calculus I)** for the students who require additional support in their studies.

The remedial teaching classes will be conducted by Asst. Prof. Shirin Memon. The classes will be held on **20/02/2023 to 25/02/2023** at **12:30 pm to 01:30 pm** in Room no **N-11**

Students are requested to attend these classes regularly to improve their understanding of the subject.

Further students may note that:

- It is mandatory for all the concerned students to attend remedial classes.
- At the end of the period the test will be conducted for the Remedial Coaching.
- Attendance for the test is mandatory.

Head of the Department
Department of Mathematics

21. Report of the Programme

Department of Mathematics, Sonopant Dandekar Arts College, V.S. Apte Commerce College and M.H. Mehta Science College, Palghar has taken remedial coaching for students on **20/02/2023 to 25/02/2023**.

25 participants were present for the same.

The aim of the coaching was to identify slow and fast learners so that it will help the students to improve their studies.

The Coaching was conducted for a period from **20/02/2023** to **25/02/2023** in Room no N-11 by Prof. Shirin Memon

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Maths II Algebra	Remedial Coaching	20/02/2023 to 25/02/2023	N-11	Prof. Shirin Hadiya	25

Signature
Coordinator of the Programme

Signature
Head of the Department

22.Brochure:

Department of Mathematics

Remedial Coaching for F.Y.BSC: 2022 - 2023

Signature
Head of the Department

23.Syllabus

Name of the Subject: Maths – I (Calculus I)

Class: F.Y.BSC

Syllabus for Remedial Coaching

- 10.Least Upper bound and Greatest lower Bound.
- 11.Archimedean Property and its Consequences
- 12.Convergent and Divergent Sequences
- 13.Limit of a sequence, Cauchy Sequence
- 14.Subsequences
- 15.First Order first Degree Differential Equation
- 16.Linear Differential Equation
- 17.Application of First Order Equations

Signature
Head of the Department

24. Time Table

Time Table for Remedial Coaching

Name of the Subject – Maths –II (Algebra)

Class – F.Y.BSC

Date – 17/01/2021

Day	Time	Classroom No.
20/02/2023	12:30 pm to 01:30 pm	N-11
21/02/2023	12:30 pm to 01:30 pm	N-11
22/02/2023	12:30 pm to 01:30 pm	N-11
23/02/2023	12:30 pm to 01:30 pm	N-11
24/02/2023	12:30 pm to 01:30 pm	N-11
25/02/2023	12:30 pm to 01:30 pm	N-11

Signature
Head of the Department

25. Test Paper of Remedial Coaching

F.Y.B.Sc Remedial Course 2022-2023

Class –F.Y.BSC

Room No. M-13

Date- 02/03/2023

Subject: - Maths-I (Calculus I) Time -60 Minutes

Total Marks – 20

Q.1 Attempt any four questions from the following:

i. Solve $y' + x \tan(y - x) = 1$

ii. Find Infimum and Supremum of the following sets if exists

$$S_2 = \{x \in \mathbb{R} | (x + 2)(x - 3) > 0\}$$

iii. Prove that

$$\lim_{n \rightarrow \infty} \frac{3n + 2}{5n - 4} = \frac{3}{5}$$

iv. Find the limits of the following Sequence:

$$a_n = \left(1 - \frac{1}{n}\right)^5$$

v. Find the orthogonal trajectories for $x^2 - xy + y^2 = c^2$

Signature
Head of the Department

Page No. _____

Sonopant Dandekar Arts College, V. S. Apte Commerce College &
M. H. Mehta Science College & R. H. Save Arts, Seth C. J. Bhanushali Com. &
B. A. Dandekar Science Jr. College Palghar, Dist. Palghar.

Jr. Sup. Signature with Date: [Signature] 02/03/2023 Supplement No. _____ Candidate's Seat No. 90084

Date: 02/03/2023 Class: F.Y. B.Sc Subject: Calculus I

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks													<u>15</u> <u>20</u>

Q.1.

i) $S_2 = \{x \in \mathbb{R} \mid (x+2)(x-3) > 0\}$

$(x+2)(x-3) < 0 \Rightarrow$ Further $(x+2) > 0$
and $(x-3) > 0$
 $(x+2) < 0$ and $(x-3) < 0$

$x+2 > 0 \Rightarrow x > -2$

$x-3 > 0 \Rightarrow x > 3$

$x > -2$ and $x > 3$ both hold simultaneously
when $x > 3$
as $3 > -2$
 $\Rightarrow x > 3$
 $\Rightarrow x \in (3, \infty)$

Further $x+2 < 0 \Rightarrow x < -2$

$x-3 < 0 \Rightarrow x < 3$

$x < -2$ and $x < 3$ both hold simultaneously
when $x < -2$
as $-2 < 3$

Page No. _____

Sonopant Dandekar Arts College, V. S. Apte Commerce College &
M. H. Mehta Science College & R. H. Save Arts, Seth C. J. Bhanushali Com. &
B. A. Dandekar Science Jr. College Palghar, Dist. Palghar.

Jr. Sup. Signature with Date: [Signature] 02/03/2023 Supplement No. _____ Candidate's Seat No. 2082

Date: 02/03/2023 Class: F.Y. B.Sc Subject: Calculus I

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks													<u>06</u> <u>20</u>

Q.1.

i) $y' + x \tan(y-x) = 1$

Put $(y-x) = t$

$\frac{dy}{dx} - 1 = \frac{dt}{dx}$

$\frac{dy}{dx} = 1 + \frac{dt}{dx}$

$\frac{dy}{dx} = 1 - x \tan(y-x)$

$\frac{dt}{dx} = 1 - x \tan t$

$\frac{dt}{\tan t} = -x dx$

$\int \frac{dt}{\tan t} = - \int x dx + c$

?

26. Attendance of Test

Attendance Report of Remedial Coaching Test

Name of the Subject - Maths – I (Calculus I)

Class – F.Y.Bsc

Date -02/03/2023

Time – 12:30 pm to 01:30 pm

Sonopant Dandekar Shikshan Mandal's SONOPANT DANDEKAR ARTS, V.S. APTE COMMERCE AND M.H. MEHTA SCIENCE COLLEGE, PALGHAR Tal. & Dist. - Palghar. Pin - 401 404.									
Semester based Credit & Grading System									
Attendance of students for Tutorial/ Assignment/ Project/ Class Test									
Academic Year - 2022-23									
Class - F.Y.B.Sc		Course - Remedial Coaching			Div -		Semester -		
Subject - Calculus I							Paper No. -		
Name of Prof. - Shrinu Hadiya									
Sr. No.	Roll No.	Sign	Sr. No.	Roll No.	Sign	Sr. No.	Roll No.	Sign	
1	2017	(Signature)	31			61			
2	2053	(Signature)	32			62			
3	2082	(Signature)	33			63			
4	2085	(Signature)	34			64			
5	2113	(Signature)	35			65			
6	2129	(Signature)	36			66			
7	2135	(Signature)	37			67			
8	90011	(Signature)	38			68			
9	90016	(Signature)	39			69			
10	90018	Absent	40			70			
11	90049	(Signature)	41			71			
12	90053	(Signature)	42			72			
13	90061	(Signature)	43			73			
14	90084	(Signature)	44			74			
15	90095	(Signature)	45			75			
16	90102	(Signature)	46			76			
17	90103	(Signature)	47			77			
18	90125	(Signature)	48			78			
19	90136	Absent	49			79			
20	90134	(Signature)	50			80			
21	90137	(Signature)	51			81			
22	90207	(Signature)	52			82			
23	90213	(Signature)	53			83			
24	90224	(Signature)	54			84			
25	90259	Absent	55			85			
26			56			86			
27			57			87			
28			58			88			
29			59			89			
30			60			90			

Date - 02/03/2023

Signature of Asst. / Assoc. Prof.

Signature
Head of the Department

27.Overall, Mark List

Date – 04/03/2023

Mark List of Remedial Test Coaching

Name of the Subject – Maths – I (Calculus I) Class – F.Y.B.Sc

Sr.No.	Roll No	Name of the student	Total Marks Scored (Out of 20)
1	2017	GHARAT DISHA KRISHANKUMAR	15
2	2053	GHEGAD PRATIKSHA PRAKASH	9
3	2082	GIRI AACHAL VIJAY	6
4	2085	MORE NEHA PRAFUL	10
5	2113	SHINDE MAHENDRA RAYCHAND	13
6	2129	PAGDHARE AMAN SANDESH	12
7	2135	GAIKWAD YASHODEEP SUNIL	5
8	90011	TAMORE RIDDHI SANTOSH	3
9	90016	BUJAD ROSHAN RAMESH	8

10	90018	SHINGADA KRUSHNA RAMU	7
11	90049	MAURYA JAY RAMNIVAS	10
12	90053	MEHER ARYAN CHANDRASHEKHAR	14
13	90061	MALI ANIKA HARSHAD	16
14	90084	LADE RUTUJA RAMDAS	15
15	90095	PIMPLE KAUSTUBH SANTOSH	12
16	90102	PAL MUKESH DUDHNATH	11
17	90103	PATIL VAISHNAVI HEMANT	9
18	90125	TAMBADA RAHUL SANTOSH	4
19	90136	SINGH ABHISHEK RANDHIR	8
20	90184	YADAV SANJANA GUDDU	3
21	90197	RAI ABHISHEK RAJKUMAR	10
22	90207	GUPTA ALOK RAMASHISH	11
23	90213	YADAV PANKAJ RAMESH	11
24	90224	PUJARI MANASI BHASKAR	5
25	90259	MANGAT SUNIL ARJUN	13

28.List of Fast Learners*

Note – Fast Learners* - Those students who have scored more than 50% Marks

Sr.No.	Roll No	Name of the student	Total Marks Scored (Out of 20)
1.	2017	GHARAT DISHA KRISHANKUMAR	15
2.	2085	MORE NEHA PRAFUL	10
3.	2113	SHINDE MAHENDRA RAYCHAND	13
4.	2129	PAGDHARE AMAN SANDESH	12

5.	90049	MAURYA JAY RAMNIVAS	10
6.	90053	MEHER ARYAN CHANDRASHEKHAR	14
7.	90061	MALI ANIKA HARSHAD	16
8.	90084	LADE RUTUJA RAMDAS	15
9.	90095	PIMPLE KAUSTUBH SANTOSH	12
10.	90102	PAL MUKESH DUDHNATH	11
11.	90197	RAI ABHISHEK RAJKUMAR	10
12.	90207	GUPTA ALOK RAMASHISH	11
13.	90213	YADAV PANKAJ RAMESH	11
14.	90259	MANGAT SUNIL ARJUN	13

9. List of Slow Learners*

Note – Slow Learners* - Those students who have scored less than 50%

Marks

Sr.No.	Roll	Name of the student	Total Marks Scored
---------------	-------------	----------------------------	---------------------------

	No		(Out of 20)
1.	2053	GHEGAD PRATIKSHA PRAKASH	9
2.	2082	GIRI AACHAL VIJAY	6
3.	2135	GAIKWAD YASHODEEP SUNIL	5
4.	90011	TAMORE RIDDHI SANTOSH	3
5.	90016	BUJAD ROSHAN RAMESH	8
6.	90018	SHINGADA KRUSHNA RAMU	7
7.	90103	PATIL VAISHNAVI HEMANT	9
8.	90125	TAMBADA RAHUL SANTOSH	4
9.	90136	SINGH ABHISHEK RANDHIR	8
10.	90184	YADAV SANJANA GUDDU	3
11.	90224	PUJARI MANASI BHASKAR	5

Signature
Head of the Department

1. Attendance Report

Attendance Report of Remedial Coaching – Day 1

Date – 20/02/2023

Time - 12:30 pm to 01:30 pm

**Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science
College, Palghar**

Department of Mathematics

Daily Attendance Report

Date - 20/02/2023		Class - F.Y.B.Sc - Maths - I Calculus I	Year - 2022-23
Sr. No.	Roll No.	Name of the student	Signature
1	2017	GHARAT DISHA KRISHANKUMAR	<i>[Signature]</i>
2	2053	GHEGAD PRATIKSHA PRAKASH	<i>[Signature]</i>
3	2082	GIRI AACHAL VIJAY	<i>[Signature]</i>
4	2085	MORE NEHA PRAFUL	<i>[Signature]</i>
5	2113	SHINDE MAHENDRA RAYCHAND	<i>[Signature]</i>
6	2129	PAGDHARE AMAN SANDESH	<i>[Signature]</i>
7	2135	GAIKWAD YASHODEEP SUNIL	<i>[Signature]</i>
8	90011	TAMORE RIDDHI SANTOSH	<i>[Signature]</i>
9	90016	BUJAD ROSHAN RAMESH	<i>[Signature]</i>
10	90018	SHINGADA KRUSHNA RAMU	<i>[Signature]</i>
11	90049	MAURYA JAY RAMNIVAS	<i>[Signature]</i>
12	90053	MEHER ARYAN CHANDRASHEKHAR	<i>[Signature]</i>
13	90061	MALI ANIKA HARSHAD	<i>[Signature]</i>
14	90084	LADE RUTUJA RAMDAS	<i>[Signature]</i>
15	90095	PIMPLE KAUSTUBH SANTOSH	<i>[Signature]</i>
16	90102	PAL MUKESH DUDHNATH	<i>[Signature]</i>
17	90103	PATIL VAISHNAVI HEMANT	<i>[Signature]</i>
18	90125	TAMBADA RAHUL SANTOSH	<i>[Signature]</i>
19	90136	SINGH ABHISHEK RANDHIR	<i>[Signature]</i>
20	90184	YADAV SANJANA GUDDU	<i>[Signature]</i>
21	90197	RAI ABHISHEK RAJKUMAR	<i>[Signature]</i>
22	90207	GUPTA ALOK RAMASHISH	<i>[Signature]</i>
23	90213	YADAV PANKAJ RAMESH	<i>[Signature]</i>
24	90224	PUJARI MANASI BHASKAR	<i>[Signature]</i>
25	90259	MANGAT SUNIL ARJUN	<i>[Signature]</i>

Attendance Report of Remedial Coaching – Day 2

Date – 21/02/2023

Time - 12:30 pm to 01:30 pm

**Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science
College, Palghar**

Department of Mathematics

Daily Attendance Report

Date - 21/02/2023		Class - F.Y.B.Sc - Maths - I Calculus I	Year - 2022- 23
Sr. No.	Roll No.	Name of the student	Signature
1	2017	GHRAT DISHA KRISHANKUMAR	(D)Gharat
2	2053	GHEGAD PRATIKSHA PRAKASH	(P)Ghegad
3	2082	GIRI AACHAL VIJAY	(V)Giri
4	2085	MORE NEHA PRAFUL	(N)More
5	2113	SHINDE MAHENDRA RAYCHAND	(M)Shinde
6	2129	PAGDHARE AMAN SANDESH	(A)Pagdhare
7	2135	GAIKWAD YASHODEEP SUNIL	(Y)Gaikwad
8	90011	TAMORE RIDDHI SANTOSH	(R)Tamore
9	90016	BUJAD ROSHAN RAMESH	(R)Bujad
10	90018	SHINGADA KRUSHNA RAMU	(K)Shingada
11	90049	MAURYA JAY RAMNIVAS	(J. R.)Maurya
12	90053	MEHER ARYAN CHANDRASHEKHAR	(A)Meher
13	90061	MALI ANIKA HARSHAD	(A)Mali
14	90084	LADE RUTUJA RAMDAS	(R)Lade
15	90095	PIMPLE KAUSTUBH SANTOSH	(K)Pimple
16	90102	PAL MUKESH DUDHNATH	(M)Pal
17	90103	PATIL VAISHNAVI HEMANT	(V)Patil
18	90125	TAMBADA RAHUL SANTOSH	(R)Tambada
19	90136	SINGH ABHISHEK RANDHIR	(A.R.)Singh
20	90184	YADAV SANJANA GUDDU	(S. G.)Yadav
21	90197	RAI ABHISHEK RAJKUMAR	(R)Rai
22	90207	GUPTA ALOK RAMASHISH	(A. R.)Gupta
23	90213	YADAV PANKAJ RAMESH	(A. R.)Gupta
24	90224	PUJARI MANASI BHASKAR	(P)Pujari
25	90259	MANGAT SUNIL ARJUN	(S)Mangat

Attendance Report of Remedial Coaching – Day 3

Date – 22/02/2023

Time - 12:30 pm to 01:30 pm

**Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science
College, Palghar**

Department of Mathematics

Daily Attendance Report

Date - 22/02/2023		Class - F.Y.B.Sc - Maths - I Calculus I	Year - 2022- 23
Sr. No.	Roll No.	Name of the student	Signature
1	2017	GHRAT DISHA KRISHANKUMAR	D.Gharat
2	2053	GHEGAD PRATIKSHA PRAKASH	(V)Giri
3	2082	GIRI AACHAL VIJAY	Giri
4	2085	MORE NEHA PRAFUL	N.more
5	2113	SHINDE MAHENDRA RAYCHAND	M. Rahindar
6	2129	PAGDHARE AMAN SANDESH	A.pagdhare
7	2135	GAIKWAD YASHODEEP SUNIL	Y.Gaikwad
8	90011	TAMORE RIDDHI SANTOSH	(R)Bujad
9	90016	BUJAD ROSHAN RAMESH	(R)Bujad
10	90018	SHINGADA KRUSHNA RAMU	S.K.R
11	90049	MAURYA JAY RAMNIVAS	J.P.Maurya
12	90053	MEHER ARYAN CHANDRASHEKHAR	(M)Meher
13	90061	MALI ANIKA HARSHAD	(A)Mali
14	90084	LADE RUTUJA RAMDAS	(R)Lade
15	90095	PIMPLE KAUSTUBH SANTOSH	(K)Pimple
16	90102	PAL MUKESH DUDHNATH	(M)Pal
17	90103	PATIL VAISHNAVI HEMANT	(V)Patil
18	90125	TAMBADA RAHUL SANTOSH	(R)Tambada
19	90136	SINGH ABHISHEK RANDHIR	(A)S Singh
20	90184	YADAV SANJANA GUDDU	S.G.Yadav
21	90197	RAI ABHISHEK RAJKUMAR	A.R.Gupta
22	90207	GUPTA ALOK RAMASHISH	A.R.Gupta
23	90213	YADAV PANKAJ RAMESH	P.R.Yadav
24	90224	PUJARI MANASI BHASKAR	(M)Pujari
25	90259	MANGAT SUNIL ARJUN	(S)Mangat

Attendance Report of Remedial Coaching – Day 4

Date – 23/02/2023

Time - 12:30 pm to 01:30 pm

Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science
College, Palghar

Department of Mathematics

Daily Attendance Report

Date - 23/02/2023		Class - F.Y.B.Sc - Maths - I Calculus I	Year - 2022-23
Sr. No.	Roll No.	Name of the student	Signature
1	2017	GHARAT DISHA KRISHANKUMAR	<i>[Signature]</i>
2	2053	GHEGAD PRATIKSHA PRAKASH	<i>[Signature]</i>
3	2082	GIRI AACHAL VIJAY	<i>[Signature]</i>
4	2085	MORE NEHA PRAFUL	<i>[Signature]</i>
5	2113	SHINDE MAHENDRA RAYCHAND	<i>[Signature]</i>
6	2129	PAGDHARE AMAN SANDESH	<i>[Signature]</i>
7	2135	GAIKWAD YASHODEEP SUNIL	<i>[Signature]</i>
8	90011	TAMORE RIDDHI SANTOSH	<i>[Signature]</i>
9	90016	BUJAD ROSHAN RAMESH	<i>[Signature]</i>
10	90018	SHINGADA KRUSHNA RAMU	<i>[Signature]</i>
11	90049	MAURYA JAY RAMNIVAS	<i>[Signature]</i>
12	90053	MEHER ARYAN CHANDRASHEKHAR	<i>[Signature]</i>
13	90061	MALI ANIKA HARSHAD	<i>[Signature]</i>
14	90084	LADE RUTUJA RAMDAS	<i>[Signature]</i>
15	90095	PIMPLE KAUSTUBH SANTOSH	<i>[Signature]</i>
16	90102	PAL MUKESH DUDHNATH	<i>[Signature]</i>
17	90103	PATIL VAISHNAVI HEMANT	<i>[Signature]</i>
18	90125	TAMBADA RAHUL SANTOSH	<i>[Signature]</i>
19	90136	SINGH ABHISHEK RANDHIR	<i>[Signature]</i>
20	90184	YADAV SANJANA GUDDU	<i>[Signature]</i>
21	90197	RAI ABHISHEK RAJKUMAR	<i>[Signature]</i>
22	90207	GUPTA ALOK RAMASHISH	<i>[Signature]</i>
23	90213	YADAV PANKAJ RAMESH	<i>[Signature]</i>
24	90224	PUJARI MANASI BHASKAR	<i>[Signature]</i>
25	90259	MANGAT SUNIL ARJUN	<i>[Signature]</i>

Attendance Report of Remedial Coaching – Day 5

Date – 24/02/2023

Time - 12:30 pm to 01:30 pm

**Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science
College, Palghar**

Department of Mathematics

Daily Attendance Report

Date - 24/02/2023		Class - F.Y.B.Sc - Maths - I Calculus I	Year - 2022-23
Sr. No.	Roll No.	Name of the student	Signature
1	2017	GHARAT DISHA KRISHANKUMAR	(Dgharat)
2	2053	GHEGAD PRATIKSHA PRAKASH	(Pghegad)
3	2082	GIRI AACHAL VIJAY	(Vgiri)
4	2085	MORE NEHA PRAFUL	N.P. More
5	2113	SHINDE MAHENDRA RAYCHAND	(Mshinde)
6	2129	PAGDHARE AMAN SANDESH	(Apagdhare)
7	2135	GAIKWAD YASHODEEP SUNIL	(Ygaikwad)
8	90011	TAMORE RIDDHI SANTOSH	R
9	90016	BUJAD ROSHAN RAMESH	(Rbujad)
10	90018	SHINGADA KRUSHNA RAMU	(Kshingada)
11	90049	MAURYA JAY RAMNIVAS	M.J. R.
12	90053	MEHER ARYAN CHANDRASHEKHAR	(Ameher)
13	90061	MALI ANIKA HARSHAD	Anika.
14	90084	LADE RUTUJA RAMDAS	Rutuja.
15	90095	PIMPLE KAUSTUBH SANTOSH	(Kpimple)
16	90102	PAL MUKESH DUDHNATH	(Mpal)
17	90103	PATIL VAISHNAVI HEMANT	(Vpatil)
18	90125	TAMBADA RAHUL SANTOSH	(Rstambada)
19	90136	SINGH ABHISHEK RANDHIR	(ARsingh)
20	90184	YADAV SANJANA GUDDU	(S.S. Yadav)
21	90197	RAI ABHISHEK RAJKUMAR	(ARai)
22	90207	GUPTA ALOK RAMASHISH	A. K. Gupta
23	90213	YADAV PANKAJ RAMESH	R.P. Yadav
24	90224	PUJARI MANASI BHASKAR	(MBpujari)
25	90259	MANGAT SUNIL ARJUN	(Sunil)

Attendance Report of Remedial Coaching – Day 6

Date – 25/02/2023

Time - 12:30 pm to 01:30 pm

Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science
College, Palghar

Department of Mathematics

Daily Attendance Report

Date - 25/02/2023		Class - F.Y.B.Sc - Maths - I Calculus I	Year - 2022- 23
Sr. No.	Roll No.	Name of the student	Signature
1	2017	GHARAT DISHA KRISHANKUMAR	Dgharat
2	2053	GHEGAD PRATIKSHA PRAKASH	Pghegad
3	2082	GIRI AACHAL VIJAY	Girivijay
4	2085	MORE NEHA PRAFUL	Nmore
5	2113	SHINDE MAHENDRA RAYCHAND	Shinde
6	2129	PAGDHARE AMAN SANDESH	Apagdhare
7	2135	GAIKWAD YASHODEEP SUNIL	Gaikwad
8	90011	TAMORE RIDDHI SANTOSH	Tamore
9	90016	BUJAD ROSHAN RAMESH	Bujad
10	90018	SHINGADA KRUSHNA RAMU	Shingada
11	90049	MAURYA JAY RAMNIVAS	Jmaurya
12	90053	MEHER ARYAN CHANDRASHEKHAR	Amehera
13	90061	MALI ANIKA HARSHAD	Amali
14	90084	LADE RUTUJA RAMDAS	Lpimple
15	90095	PIMPLE KAUSTUBH SANTOSH	Kpimple
16	90102	PAL MUKESH DUDHNATH	MukeshPal
17	90103	PATIL VAISHNAVI HEMANT	Vpatil
18	90125	TAMBADA RAHUL SANTOSH	Rtambada
19	90136	SINGH ABHISHEK RANDHIR	Asingh
20	90184	YADAV SANJANA GUDDU	S.G. Yadav
21	90197	RAI ABHISHEK RAJKUMAR	Arai
22	90207	GUPTA ALOK RAMASHISH	A.R. Gupta
23	90213	YADAV PANKAJ RAMESH	A.R. Gupta
24	90224	PUJARI MANASI BHASKAR	M.B. Pujari
25	90259	MANGAT SUNIL ARJUN	Smangat

Signature
Head of the Department



Palghar, MH, India

College Road, Boisar, Palghar, 401405, MH, India

Lat 19.711069, Long 72.758730

02/02/2023 12:05 PM GMT+05:30

Note : Captured by GPS Map Camera

Signature
Head of the Department

M.SC MATHS

Remedial Coaching Report: 2022-23

INDEX

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3	Brochure	4
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9	List of Fast Learners	11
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Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

(Best College - University of Mumbai)

(Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019')

Date:07/02/2023

NOTICE
Remedial Lectures
Department of Mathematics

Remedial classes have been organized for the **M.Sc Part I** students whose performance has been found to be dissatisfactory in the subject of Mathematics **Analysis I** from **06/03/2022** to **13/03/2022**. All the concerned **M.Sc Part I** students are hereby informed to contact their respective teacher coordinators.

Further students may note that:

- It is mandatory for all the concerned students to attend remedial classes.
- The Test will be conducted for the Remedial Coaching.
- Attendance for the test is mandatory.

Head of the Department
Department of Mathematics

29. Report of the Programme

Department of Mathematics, Sonopant Dandekar Arts College, V.S. Apte Commerce College, and M.H. Mehta Science College, Palghar has taken remedial coaching for Analysis I students on 06/03/2022 to 13/03/2022.

7 participants were present for the same.

The aim of the coaching was to identify slow and fast learners so that it will help the students to improve their studies.

The Coaching was conducted for a period from 06/03/2022 to 13/03/2022 in Room No. J-4 by Prof. Dipali Mali.

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Remedial Coaching	Analysis I	06/03/2022 to 13/03/2022 12:30 pm to 1:30 pm	J-4	Prof. Dipali Mali	7

Signature
Coordinator of the Programme

Signature
Head of the Department

30.Brochure:

Department of Mathematics

Remedial Coaching for M.Sc (Part I): 2022 - 2023

Signature
Head of the Department

31.Syllabus

Name of the Subject : ANALYSIS-I

Class: M.Sc I

Syllabus for Remedial Coaching

- I. Euclidean space \mathbb{R}^n
- II. Standard topology on \mathbb{R}^n : open subsets of \mathbb{R}^n , closed subsets of \mathbb{R}^n , interior and boundary ∂A of a subset A of \mathbb{R}^n .
- III. Compactness: Open cover of a subset of \mathbb{R}^n , Compact subsets of \mathbb{R}^n
- IV. Bolzano-Weierstrass theorem: Any bounded sequence in \mathbb{R}^n has a converging subsequence.
- V. Functions and Continuity Notation, Continuity and compactness & Continuity and connectedness.
- VI. Chain rule. Applications of chain rule
- VII. Partial derivatives, directional derivative, Jacobian matrix, Jacobian determinant.

Signature
Head of the Department

32. Time Table

Time Table for Remedial Coaching

Name of the Subject – Algebra I

Class – M.Sc I

Date – 07/02/2023

Day	Time	Classroom No.
06/03/2023	12:30 pm to 1:30 pm	J-4
08/03/2023	12:30 pm to 1:30 pm	J-4
09/03/2023	12:30 pm to 1:30 pm	J-4

10/03/2023	12:30 pm to 1:30 pm	J-4
11/03/2023	12:30 pm to 1:30 pm	J-4
13/03/2023	12:30 pm to 1:30 pm	J-4

Signature
Head of the Department

33. Test Paper of Remedial Coaching

M.Sc. Remedial Course 2022-2023

Q.1. Attempt any TWO from the following . (10)

- i. Let E be an open subset of \mathbb{R}^n & $f : E \rightarrow \mathbb{R}^m$ is a function defined on set E .
Assume that f is differentiable at point c of E with total derivative T_c . Then the directional derivative $f'(c; u)$ exists for every direction $u \in \mathbb{R}^n$ and $f'(c; u) = T_c(u)$
- ii. Let $f : \mathbb{R}^2 \rightarrow \mathbb{R}^3$ be defined by $f(x, y) = (\sin x \cos y, \sin x \sin y, \cos x \cos y)$. Determine the jacobian matrix $Df(x, y)$
- iii. Let $K \subseteq \mathbb{R}^n$ is compact and $f : K \rightarrow \mathbb{R}^m$ is continuous then $f(K)$ is compact.

Q.2. Attempt any TWO from the following. (10)

- i. Let $T : \mathbb{R}^4 \rightarrow \mathbb{R}^2$ be a linear function defined by $T(x, y, z, t) = (x + y - z, y + 2t)$. Find the matrix of T .
- ii. Prove that every closed and bounded set in \mathbb{R}^n is compact.
- iii. Prove that if $f : \mathbb{R}^n \rightarrow \mathbb{R}^m$ is differentiable at $a \in \mathbb{R}^n$ then f is continuous at a .

Signature
Head of the Department

Page No. _____

Sonopant Dandekar Arts College, V.S. Apte Commerce College &
M. H. Mehta Science College & R. H. Save Arts, Seth C. J. Bhanushali Com. &
B. A. Dandekar Science Jr. College Palghar, Dist. Palghar.

15/03/2023

14018

Jr. Sup. Signature with Date _____ Supplement No. _____ Candidate's Seat No. _____

Date: 15/03/2023 Class: M.Sc I Subject: Analysis I

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks													08 20

Q.1

i) Assume that f is differentiable at point c of E with total derivative T_c .

Let point P in V then $\|v\| < \epsilon_P$

Let $c+v \in BCC, \epsilon_P$

?

$E_c(v) \rightarrow 0$ as $v \rightarrow 0$

$T_c(v) = f'(c, v)$
 $T_c(0) = f'(c, 0)$

03

If $v=0$ then in equation (1)

$$f(c, 0) = f(c) + T_c(hu) + \|hu\| E_c(v)$$

$v = hu$

$$f(c+hu) = f(c) + T_c(hu) + \|hu\| E_c(v)$$

$$\frac{f(c+hu) - f(c)}{h} = T_c(u) + \|h\| \|u\| E_c(v)$$

Page No. _____

Sonopant Dandekar Arts College, V.S. Apte Commerce College &
M. H. Mehta Science College & R. H. Save Arts, Seth C. J. Bhanushali Com. &
B. A. Dandekar Science Jr. College Palghar, Dist. Palghar.

15/03/2023

1

17004

Jr. Sup. Signature with Date _____ Supplement No. _____ Candidate's Seat No. _____

Date: 15/03/2023 Class: M.Sc I Subject: Analysis I

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks													13 28

Q.2

i) $T: \mathbb{R}^2 \rightarrow \mathbb{R}^3$ be defined by
 $f(x, y) = (xy, x^2+y^2, y^2)$

$$f'(c, v) = \sum_{k=1}^n v_k D_k f(c)$$

$$= v_1 D_1 f(x, y) + v_2 D_2 f(x, y)$$

$$= v_1 \begin{bmatrix} D_1 f_1(x, y) \\ D_1 f_2(x, y) \\ D_1 f_3(x, y) \end{bmatrix} + v_2 \begin{bmatrix} D_2 f_1(x, y) \\ D_2 f_2(x, y) \\ D_2 f_3(x, y) \end{bmatrix}$$

$c = (1, 2) \Rightarrow v = (3, 4)$

03/2

$$v = \frac{(3, 4)}{\sqrt{3^2+4^2}} = \frac{(3, 4)}{\sqrt{25}} = \frac{(3, 4)}{5}$$

$v_1 = \frac{3}{5} \quad v_2 = \frac{4}{5}$

$f_1(x, y) = xy \quad f_2(x, y) = x^2 + y^2$
 $D_1 f_1(x, y) = y \quad D_1 f_2(x, y) = 2x$
 $D_2 f_1(x, y) = x \quad D_2 f_2(x, y) = 2y$

$f_3(x, y) = y^2$
 $D_1 f_3(x, y) = 0$
 $D_2 f_3(x, y) = 2y$

Signature
Head of the Department

iv. Attendance of Test

Attendance Report of Remedial Coaching Test

Name of the Subject – Analysis I

Class –M.Sc I

Date -15/03/2023

Time – 12:30 pm to 1:30 pm

Sonopant Dandekar Shikshan Mandali's
SONOPANT DANDEKAR ARTS, V.S. APTE COMMERCE AND M.H. MEHTA SCIENCE COLLEGE, PALGHAR
Tal. & Dist. - Palghar. Pin - 401 404.

Semester based Credit & Grading System
Attendance of students for Tutorial/ Assignment/ Project/ Class Test
Academic Year - 2022-23

Class - M.Sc.I	Course - Remedial Coaching	Div -	Semester -
Subject - Analysis I		Paper No. -	
Name of Prof. - Mrs Dipali Mali			

Sr. No.	Roll No.	Sign	Sr. No.	Roll No.	Sign	Sr. No.	Roll No.	Sign
1	17003	<i>[Signature]</i>	31			61		
2	17004	<i>[Signature]</i>	32			62		
3	17007	<i>[Signature]</i>	33			63		
4	17011	<i>[Signature]</i>	34			64		
5	17012	<i>[Signature]</i>	35			65		
6	17014	<i>[Signature]</i>	36			66		
7	17018	<i>[Signature]</i>	37			67		
8			38			68		
9			39			69		
10			40			70		
11			41			71		
12			42			72		
13			43			73		
14			44			74		
15			45			75		
16			46			76		
17			47			77		
18			48			78		
19			49			79		
20			50			80		
21			51			81		
22			52			82		
23			53			83		
24			54			84		
25			55			85		
26			56			86		
27			57			87		
28			58			88		
29			59			89		
30			60			90		

Date - 15/03/2023

[Signature]
 Signature of Asst. / Assoc. Prof.

Signature
Head of the Department

v. Overall Mark List

Mark List of Remedial Test Coaching

Name of the Subject – Analysis I

Class – M.Sc. I

Date – 17/03/2023

Sr. No.	Roll No.	Name of the student	Marks
1	17003	PADHER YOGESH RAMCHANDRA	10
2	17004	GAVIT VIJAYA PANDU	13
3	17007	BHUJADA SANDESH DAMU	7
4	17011	PADHER MAHENDRA PANDURANG	5
5	17012	VARATHA SONALI GOPINATH	12
6	17014	GOND SHALAKA RAMESH	9
7	17018	KHARPADE SHUBHAM SUBHASH	8

Signature
Head of the Department

vi. List of Fast Learners*

Sr. No.	Roll No.	Name of the student	Marks
1	17003	PADHER YOGESH RAMCHANDRA	10
2	17004	GAVIT VIJAYA PANDU	13
3	17012	VARATHA SONALI GOPINATH	12

vii. List of Slow Learners*

Sr. No.	Roll No.	Name of the student	Marks
1	17007	BHUJADA SANDESH DAMU	7
2	17011	PADHER MAHENDRA PANDURANG	5

3	17014	GOND SHALAKA RAMESH	9
4	17018	KHARPADE SHUBHAM SUBHASH	8

Signature
Head of the Department

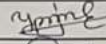
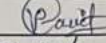
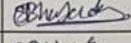
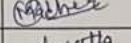
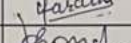
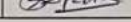
viii. Attendance Report

Attendance Report of Remedial Coaching – Day 1

Date -06/03/2023

Time – 12:30 pm to 1:30 pm

**Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science
Department of Mathematics**

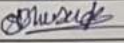
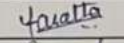
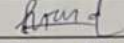
Daily Attendance Report			
Date - 06/03/2023		Class - M.Sc I - ANALYSIS I	Year - 2022-23
Sr. No.	Roll No.	Name of the student	Signature
1	17003	PADHER YOGESH RAMCHANDRA	
2	17004	GAVIT VIJAYA PANDU	
3	17007	BHJADA SANDESH DAMU	
4	17011	PADHER MAHENDRA PANDURANG	
5	17012	VARATHA SONALI GOPINATH	
6	17014	GOND SHALAKA RAMESH	
7	17018	KHARPADE SHUBHAM SUBHASH	

Attendance Report of Remedial Coaching – Day 2

Date -08/03/2023

Time – 12:30 pm to 1:30 pm

Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science
Department of Mathematics

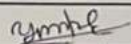
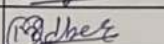
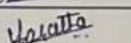
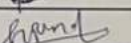
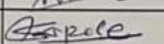
Daily Attendance Report			
Date - 08/03/2023		Class - M.Sc I - ANALYSIS I	Year - 2022- 23
Sr. No.	Roll No.	Name of the student	Signature
1	17003	PADHER YOGESH RAMCHANDRA	
2	17004	GAVIT VIJAYA PANDU	
3	17007	BHJADA SANDESH DAMU	
4	17011	PADHER MAHENDRA PANDURANG	
5	17012	VARATHA SONALI GOPINATH	
6	17014	GOND SHALAKA RAMESH	
7	17018	KHARPADE SHUBHAM SUBHASH	

Attendance Report of Remedial Coaching – Day 3

Date -09/03/2023

Time – 12:30 pm to 1:30 pm

**Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science
Department of Mathematics**

Daily Attendance Report			
Date - 09/03/2023		Class - M.Sc I - ANALYSIS I	Year - 2022- 23
Sr. No.	Roll No.	Name of the student	Signature
1	17003	PADHER YOGESH RAMCHANDRA	
2	17004	GAVIT VIJAYA PANDU	
3	17007	BHUIJADA SANDESH DAMU	
4	17011	PADHER MAHENDRA PANDURANG	
5	17012	VARATHA SONALI GOPINATH	
6	17014	GOND SHALAKA RAMESH	
7	17018	KHARPADE SHUBHAM SUBHASH	

Attendance Report of Remedial Coaching – Day 4

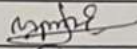
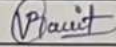
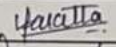
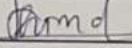
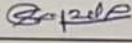
Date -10/03/2023

Time – 12:30 pm to 1:30 pm

Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science

Department of Mathematics

Daily Attendance Report

Date - 10/03/2023		Class - M.Sc I - ANALYSIS I	Year - 2022- 23
Sr. No.	Roll No.	Name of the student	Signature
1	17003	PADHER YOGESH RAMCHANDRA	
2	17004	GAVIT VIJAYA PANDU	
3	17007	BHJADA SANDESH DAMU	
4	17011	PADHER MAHENDRA PANDURANG	
5	17012	VARATHA SONALI GOPINATH	
6	17014	GOND SHALAKA RAMESH	
7	17018	KHARPADE SHUBHAM SUBHASH	

Attendance Report of Remedial Coaching – Day 5

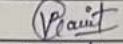
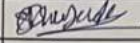
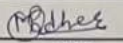
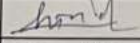
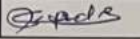
Date -11/03/2023

Time – 12:30 pm to 1:30 pm

Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science

Department of Mathematics

Daily Attendance Report

Daily Attendance Report			
Date - 11/03/2023		Class - M.Sc I - ANALYSIS I	Year - 2022-23
Sr. No.	Roll No.	Name of the student	Signature
1	17003	PADHER YOGESH RAMCHANDRA	
2	17004	GAVIT VIJAYA PANDU	
3	17007	BHUIJADA SANDESH DAMU	
4	17011	PADHER MAHENDRA PANDURANG	
5	17012	VARATHA SONALI GOPINATH	
6	17014	GOND SHALAKA RAMESH	
7	17018	KHARPADE SHUBHAM SUBHASH	

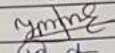
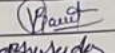
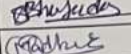
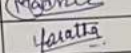
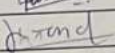
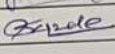

Attendance Report of Remedial Coaching – Day 6

Date -13/03/2023

Time – 12:30 pm to 1:30 pm

Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science
Department of Mathematics

Daily Attendance Report

Date - 13/03/2023		Class - M.Sc I - ANALYSIS I	Year - 2022- 23
Sr. No.	Roll No.	Name of the student	Signature
1	17003	PADHER YOGESH RAMCHANDRA	
2	17004	GAVIT VIJAYA PANDU	
3	17007	BHUIYADA SANDESH DAMU	
4	17011	PADHER MAHENDRA PANDURANG	
5	17012	VARATHA SONALI GOPINATH	
6	17014	GOND SHALAKA RAMESH	
7	17018	KHARPADE SHUBHAM SUBHASH	

Signature

Head of the Department



Signature
Head of the Department

Department of Philosophy

Remedial Coaching Report: 2022-23

INDEX

Sr. No.	Particular	Page No.
1	NOTICE	2
2	Report of the Program	3
3	Brochure	4
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5	Time Table	6-7
6	Test Paper of Remedial	8
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11	Attendance of 6 days coaching	13
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NOTICE
Remedial Lectures
Department of Philosophy

Remedial classes have been organized for the **F.Y.B.A** students who are weak in studies. All the concerned **F.Y.B.A** students are hereby informed to contact their respective teacher coordinators.

Further students may note that:

- It is mandatory for all the concerned students to attend remedial classes.

- The Test will be conducted for the Remedial Coaching twice during the period.
- Attendance for both test is mandatory.

प्रिय विद्यार्थ्यांनो,

प्रथम वर्ष कला वर्गाच्या तत्त्वज्ञान विषय घेतलेल्या विद्यार्थ्यांना सूचित करण्यात येत आहे की, ज्यांना हा विषय कठीण जातो आहे त्यांच्यासाठी या विषयाचे विशेष रेमेडीयल टीचिंग आयोजित करण्यात येत आहे. यामध्ये या विषयाच्या व अभ्यासक्रमाच्या अनुषंगाने तत्त्वज्ञानातील संकल्पना व या विषयातील ज्ञान याबद्दल विद्यार्थ्यांना मार्गदर्शन करण्यात येईल. या अध्यापनाचा लाभ विद्यार्थ्यांनी घ्यावा. अधिक माहितीसाठी तत्त्वज्ञान विभागाशी विद्यार्थ्यांनी संपर्क साधावा.

Dr. Kiran J. Save
Head of the Department
Department of
Management Studies

34.Report of the Programme

Department of Philosophy, Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science College, Palghar has taken remedial coaching for FYBA, Moral Philosophy (Course) students on 6th Sept to 16th Sept 22 ,15 participants were present for the same.

The aim of the coaching was to identify slow and fast learners so that it will help the students to improve their studies.

The Coaching was conducted for a period 6th Sept to 16th Sept 22 in Room No. C1 by Asst. Prof. Anagha A. Padhye & Asst. Prof. Rohit Gaikwad.

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Co – Curriculum	Remedial Coaching	6 th Sept to 16 th Sept 22	Classroom No. C1	Rohit Gaikwad	15

Signature
Coordinator of the Programme
Department

Signature
Head of the

35.Brochure:

Department of Philosophy

Remedial Coaching for F.Y.B.A: 2022 - 2023

Department

**Signature
Head of the**

36.Syllabus

**Name of the Subject: Moral Philosophy
F.Y.B.A**

Class:

Syllabus for Remedial Coaching

18. Introduction to Moral Philosophy- Definition, scope & branches of Philosophy.

Nature of moral philosophy; facts & values. Descriptive, normative, meta & applied ethics.

19. Moral concepts in Indian Philosophy: Nishkama Karma, Sthitpradnya, Rta, Rna, Purusarthas

20. The good life (Greek Ethics): Socratic ethics, Virtue is knowledge, Can virtue be taught?

Four virtues of Plato, Ethics of Character: Aristotle.

21. Freedom of will: Freedom & Determinism. Determinism & Indeterminism.

Department

**Signature
Head of the**

37. Time Table

Time Table for Remedial Coaching

Name of the Subject – Moral Philosophy

Class – F.Y.B.A

Date – From 6th to 16th Sep

2022

Sr no	Date	Time	No of lecture	Name of the teacher	Activity
1	6 th Sept 22	2.00- 3.00	1	Anagha Padhye- Deshmukh	An Introduction to Moral Philosophy : Origin, branches of Philosophy like epistemology, metaphysics, moral philosophy, logic, etc. Scope of Philosophy.
2	7 th Sept 22	2.00- 3.00	1	Anagha Padhye- Deshmukh	An Introduction to Moral Philosophy : Origin, branches of Philosophy like epistemology, metaphysics, moral philosophy, logic, etc. Scope of Philosophy.
3	8 th Sept 22	2.00- 3.00	1	Anagha Padhye- Deshmukh	An Introduction to Moral Philosophy : Origin, branches of Philosophy like epistemology, metaphysics, moral philosophy, logic, etc. Scope of Philosophy.
4	9 th Sept 22	2.00- 3.00	1	Rohit Gaikwad.	Indian Philosophical School and basic concepts in it: Six schools of Philosophy: orthodox & heterodox. Basic concepts like atma, brahman, Jnyana, praman, prama, karma, moksha, purushartha, etc.
5	10 th Sept 22	2.00- 3.00	1	Rohit Gaikwad.	Indian Philosophical School and basic concepts in it: Six schools of Philosophy: orthodox &

					heterodox. Basic concepts like aatma, brahman, Jnyana, praman, prama, karma, moksha, purushartha, etc.
6	12 th Sept 22	2.00- 3.00	1	Rohit Gaikwad.	Indian Philosophical School and basic concepts in it: Six schools of Philosophy: orthodox & heterodox. Basic concepts like aatma, brahman, Jnyana, praman, prama, karma, moksha, purushartha, etc.
7	13 th Sept 22	2.00- 3.00	1	Rohit Gaikwad.	Western Philosophy and basic concepts in it. Ancient, medieval, modern & contemporary western philosophy. Basic concepts like nature of reality, love for wisdom, rationality, existence, empiricism and so on.
8	14 th Sept 22	2.00- 3.00	1	Rohit Gaikwad.	Western Philosophy and basic concepts in it. Ancient, medieval, modern & contemporary western philosophy. Basic concepts like nature of reality, love for wisdom, rationality, existence, empiricism and so on.
9	15 th Sept 22	2.00- 3.00	1	Rohit Gaikwad.	Western Philosophy and basic concepts in it. Ancient, medieval, modern & contemporary western philosophy. Basic concepts like nature of reality, love for wisdom, rationality, existence, empiricism and so on.
10	16 th Sept 22	2.00- 3.00	1	Anagha Padhye- Deshmukh	Test

Department

**Signature
Head of the**

5. Test Paper of Remedial Coaching

Class - FYBA Time – 2.00 to 3.00 Date: 16th Sept 22 Room

No. C1

Total Marks – 20

Attempt the following questions.

1) Explain the Nature and Scope of Moral Philosophy.

10

नैतिक तत्त्वज्ञानाची व्याप्ती स्पष्ट करा.

2) Fill in the blanks.

10

रिकाम्या जागा भरा

1) Philosophy is not just an inquiry but a way of life.

Physical Mental Intellectual Spiritual

तत्त्वज्ञान म्हणजे केवळ चौकशी नसून जीवनशैली होय.

शारीरिक मानसिक बौद्धिक आध्यात्मिक

2) The is born with 3 Rnas namely Rishi Rna (debt of sages / teachers), Pitru Rna (debt of the ancestors) and Deva Rna (Divine debt).

Individual King Queen Social

..... चा जन्म तीन ऋणांसह होतो, म्हणजे ऋषी ऋण (गुरु कर्ज), पितृ ऋण (पूर्वजांचे कर्ज) आणि देव ऋण (दैवी कर्ज).

वैयक्तिक राजा राणी सामाजिक

3) should cultivate good virtues, senses and mind control, austerity, wisdom etc.

Vaishyas Shudras Brahmans Kshatriyas

पुण्य, इंद्रिय व मन नियंत्रण, तपस्या, शहाणपण इत्यादींचा विकास केला पाहिजे.

वैश्य शूद्र ब्राह्मण क्षत्रिय

4) are the guardians of the land and must fight just battles.

Vaishyas Shudras Brahmans Kshatriyas

..... हे भूमीचे रक्षक आहेत आणि त्यांनी फक्त लढाया लढल्या पाहिजेत.

वैश्य शूद्र ब्राह्मण क्षत्रिय

5) Dharma is as 'duty' is classified into dharma that is General virtues and duties and Vishesha dharma that is Special virtues and duties.

Sadharana Varna Ashrama Sakama

धर्म म्हणजेच 'कर्तव्य' धर्माध्ये वर्गीकृत केले गेले आहे जे सामान्य गुण आणि कर्तव्ये आहेत आणि विशेष धर्माध्ये खास गुण आणि कर्तव्ये आहेत.

साधारण वर्ण आश्रम सक

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14 20	10
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Jr. Sup. Signature with Date

Supplement No.

Candidate's Seat No.

Date: 16-9-22

Class :

Subject :

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks													

प्र. 9. नैतिक तत्त्वज्ञानाची व्याप्ती स्पष्ट करा.

→ नीतिशास्त्र ज्याला वृत्त नैतिक तत्त्वज्ञान असेही म्हणतात. ही तत्त्वज्ञानाची एक शाखा आहे. जशी प्रत्येकी सुभात नैतिकतेची व्याख्या आपण व्याप्ती हो करकाचा विषय झाला असून तशी, व्यापकरवे म्हटले जाऊ शकले की नैतिकता त्या सामान्य तत्वाशी संबंधित आहे ज्याच्या आधारे मानवी कृती आणि हेतूचे मूल्यमापन शक्य आहे.

यांमळे आपण वाईट, योग्य आणि अयोग्य, योग्यता आणि अवयुज, न्याय आणि अन्याय यासारख्या संकल्पनांची व्याख्या अर्थ करून नैतिकता मानवी नैतिकतेच्या प्रवांची समोर जाण्याचा प्रयत्न करते.

04

असे सापकपणे म्हटले जाऊ शकते की नैतिकता ही सामान्य तत्वाशी संबंधित आहे ज्याच्या आधारे मानवी कृती आणि हेतूचे मूल्यमापन शक्य आहे.

वैश्विक समीक्षेचे क्षेत्र म्हणून, तो नैतिक तत्त्वज्ञान समात्मक नीतिशास्त्र आणि मूल्य सिद्धता या क्षेत्राशी देशीक व्यवहार करतो.

बहुतेक लेखक आणि किचकित हे देखील म्हणू शकतात की नैतिकता मुख्यत्वे विकसित आहे मूल्याशी संबंधित आहे. आणि परिस्थितीचा अभ्यास किंवा शोध नाही. आणि हे विकसित केवळ वैश्विक जीवनाच्या विश्लेषणासाठी नव्हे तर सामाजिक जीवनाच्या विश्लेषणासाठी वापरले जावे असे रूप नैतिकता योग्य निर्णय घेण्याची मानवी क्षमता विकसित करते.

प्र. 2. रिकाम्या जागा भरा.

1) सत्त्वगुण केवल म्हणजे केवल ब्राह्मिक - चाकरी
नसून जीवन शैली होय.

2) राजा - चा जन्म तीन ऋणांसह होतो, म्हणजे स्वामी ऋण (गुरु कर्ज), पितृ ऋण (पैसांचे कर्ज) आणि देव ऋण (देवीक

3) पुण्य, इष्टिय विमन निश्चय, सपस्था, शहाणपणा इत्यादींचा कि
ब्राम्हण केला आहे.

4) क्षेत्रिय हे भूमिचे रक्षक आहेत आणि त्यांनी केवळ लढाया
लढव्या पाहिलेल.

5) धर्म म्हणजेच कर्तव्य. आश्रम दामिनिचे कर्तव्य केले गेले अ
जे सामान्य गुण आणि कर्तव्ये आहेत आणि विशेष दामिनिचे
व्याप्य गुण आणि कर्तव्ये आहेत.

6. Attendance of Test

Attendance Report of Remedial Coaching Test

Name of the Subject: Philosophy

Class -

FYBA

Date – 16th Sept 22

Time –

2.00 to 3.00

SR. NO	ROLL NO	STUDENT NAME	SIGN
1	10	PATIL DIYA NILESH	
2	50	DUMADA AVINASH ARVIND	
3	62	RAUT GATISH SURENDRA	
4	92	KINI TANVI SUNIL	
5	93	VALVI RASIKA MILIND	
6	101	MACHHI ROHIT NAVNEET	
7	104	RAUT SANIYA CHANDRAKANT	
8	119	GORKHANA RUTUJA ANIL	
9	166	BHOVARE JYOTI SANJAY	
10	202	VARMA JYOTI PAPPU	
11	223	THAKUR CHIRAG KISAN	
12	227	MANCHEKAR AAYUSHI RAMCHANDRA	
13	229	CHAUDHARI DIVYA PRADEEP	
14	233	AGIVALE RANI SUNIL	
15	248	DOLE SUSHANT RAJESH	

Signature
Head of the

Department

Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts , V.S.Apte Commerce And M.H.Mehta
Science College,Palghar,Dist Palghar

Year 2022-23

Department of Philosophy

CLASS: FYBA

Remedial Course

Sr. no	Roll no	Name of the Student	Sign
1	10	PATIL DIYA NILESH	D.N. Patil
2	50	DUMADA AVINASH ARVIND	Avinosh
3	62	RAUT GATISH SURENDRA	G.S. Raut
4	92	KINI TANVI SUNIL	Tanvi
5	93	VALVI RASIKA MILIND	R.M. Valvi
6	101	MACHHI ROHIT NAVNEET	Rohit
7	104	RAUT SANIYA CHANDRAKANT	Saniya
8	119	GORKHANA RUTUJA ANIL	R.A. Gorkhane
9	166	BHOVARE JYOTI SANJAY	Jyoti
10	202	VARMA JYOTI PAPPU	Jyoti
11	223	THAKUR CHIRAG KISAN	Chirag
12	227	MANCHEKAR AAYUSHI RAMCHANDRA	Aayushi
13	229	CHAUDHARI DIVYA PRADEEP	Divya
14	233	AGIVALE RANI SUNIL	Rani
15	248	DOLE SUSHANT RAJESH	Sushant

Kiran
DR. Kiran Jaydeo save
Head of dept
DEPT of philosophy

7. Overall Mark List

Mark List of Remedial Test Coaching

Name of the Subject – Moral Philosophy

Class - FYBA
Time – 2.00

to 3.00

Sr. No	Roll no	Name of the Student	Total Marks
1	10	PATIL DIYA NILESH	14
2	50	DUMADA AVINASH ARVIND	16
3	62	RAUT GATISH SURENDRA	06
4	92	KINI TANVI SUNIL	18
5	93	VALVI RASIKA MILIND	16
6	101	MACHHI ROHIT NAVNEET	08
7	104	RAUT SANIYA CHANDRAKANT	18
8	119	GORKHANA RUTUJA ANIL	12
9	166	BHOVARE JYOTI SANJAY	16
10	202	VARMA JYOTI PAPPU	10
11	223	THAKUR CHIRAG KISAN	08
12	227	MANCHEKAR AAYUSHI RAMCHANDRA	16
13	229	CHAUDHARI DIVYA PRADEEP	16
14	233	AGIVALE RANI SUNIL	18
15	248	DOLE SUSHANT RAJESH	12

Signature

Department

Head of the

8. List of Fast Learners*

Note –

Fast Learners* - Those students who have scored more than 50% Marks

Sr. no	Roll no.	Name of the Student	Total Marks Scored out of 20
1	10	PATIL DIYA NILESH	14
2	50	DUMADA AVINASH ARVIND	16
3	92	KINI TANVI SUNIL	18
4	93	VALVI RASIKA MILIND	16
5	104	RAUT SANIYA CHANDRAKANT	18
6	119	GORKHANA RUTUJA ANIL	12
7	166	BHOVARE JYOTI SANJAY	16
8	227	MANCHEKAR AAYUSHI RAMCHANDRA	16
9	229	CHAUDHARI DIVYA PRADEEP	16
10	233	AGIVALE RANI SUNIL	18
11	248	DOLE SUSHANT RAJESH	12

Signature

Department

Head of the

9. List of Slow Learners*

Note –

Slow Learners* - Those students who have scored less than 50% Marks

Sr. No.	Roll no	Name of the Student	Total Marks Scored out of 20
1	62	RAUT GATISH SURENDRA	06
2	101	MACHHI ROHIT NAVNEET	08
3	202	VARMA JYOTI PAPPU	10
4	223	THAKUR CHIRAG KISAN	08

Department

**Signature
Head of the**

10. Attendance Report
Attendance Sheet Year 2022-23
Time: 2.00-3.00

Class: FYBA

Sr. No	Roll No	Student Name	6th Sept	7th Sept	8th Sept	9th Sept	10th Sept	12th Sept	13th Sept	14th Sept	15th Sept
1	10	PATIL DIYA NILESH									
2	50	DUMADA AVINASH ARVIND									
3	62	RAUT GATISH SURENDRA									
4	92	KINI TANVI SUNIL									
5	93	VALVI RASIKA MILIND									
6	101	MACHHI ROHIT NAVNEET									
7	104	RAUT SANIYA CHANDRAKANT									
8	119	GORKHANA RUTUJA ANIL									
9	166	BHOVARE JYOTI SANJAY									
10	202	VARMA JYOTI PAPPU									
11	223	THAKUR CHIRAG KISAN									
12	227	MANCHEKAR AAYUSHI RAMCHANDRA									
13	229	CHAUDHARI DIVYA PRADEEP									
14	233	AGIVALE RANI SUNIL									
15	248	DOLE SUSHANT RAJESH									

**Signature
Head of the**

Department

Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts , V.S.Apte Commerce And M.H.Mehta Science
College,Palghar,Dist Palghar

Remedial Course Department of Philosophy

Attendance Sheet Year 2022-23

Class: FYBA

Sr No	Roll No	Student Name	6 Sept 2022	7 Sept 2022	8 Sept 2022	9 Sept 2022	10 Sept 2022	12 Sept 2022	13 Sept 2022	14 Sept 2022	15 Sept 2022	16 Sept 2022
1	10	PATIL DIYA NILESH	D.N.Patil	D.N.Patil	D.N.Patil	A	D.N.Patil	D.N.Patil	D.N.Patil	D.N.Patil	D.N.Patil	D.N.Patil
2	50	DUMADA AVINASH ARVIND	Avinash	Avinash	Avinash	Avinash	A	Avinash	Avinash	Avinash	Avinash	Avinash
3	62	RAUT GATISH SURENDRA	G.S.Raut	G.S.Raut	G.S.Raut	G.S.Raut	G.S.Raut	G.S.Raut	G.S.Raut	G.S.Raut	G.S.Raut	G.S.Raut
4	92	KINI TANVI SUNIL	Tanvi	Tanvi	Tanvi	Tanvi	Tanvi	Tanvi	A	Tanvi	Tanvi	Tanvi
5	93	VALVI RASIKA MILIND	R.M.Valvi	R.M.Valvi	R.M.Valvi	R.M.Valvi	R.M.Valvi	R.M.Valvi	R.M.Valvi	R.M.Valvi	R.M.Valvi	R.M.Valvi
6	101	MACHHI ROHIT NAVNEET	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit
7	104	RAUT SANIYA CHANDRAKANT	Sania	Sania	Sania	Sania	Sania	Sania	Sania	Sania	Sania	Sania
8	119	GORKHANA RUTUJA ANIL	R.R.Gorkhana	R.R.Gorkhana	R.R.Gorkhana	R.R.Gorkhana	R.R.Gorkhana	R.R.Gorkhana	R.R.Gorkhana	R.R.Gorkhana	R.R.Gorkhana	R.R.Gorkhana
9	166	BHOVARE JYOTI SANJAY	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	A	Jyoti	Jyoti	Jyoti
10	202	VARMA JYOTI PAPPU	Jyoti	A	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti
11	223	THAKUR CHIRAG KISAN	Chirag	Chirag	A	Chirag	Chirag	Chirag	Chirag	Chirag	Chirag	Chirag
12	227	MANCHEKAR AAYUSHI RAMCHANDRA	Aayushi	Aayushi	Aayushi	Aayushi	Aayushi	Aayushi	Aayushi	Aayushi	Aayushi	Aayushi
13	229	CHAUDHARI DIVYA PRADEEP	Divya	Divya	Divya	Divya	Divya	Divya	Divya	Divya	Divya	Divya
14	233	AGIVALE RANI SUNIL	R.R.Agivale	R.R.Agivale	R.R.Agivale	A	R.R.Agivale	R.R.Agivale	R.R.Agivale	R.R.Agivale	R.R.Agivale	R.R.Agivale
15	248	DOLE SUSHANT RAJESH	S.R.Dole	S.R.Dole	S.R.Dole	S.R.Dole	S.R.Dole	A	S.R.Dole	S.R.Dole	S.R.Dole	S.R.Dole

Kiran
DR. Kiran Jaydeo s
Head of dept
Dept of Philosophy

11. Geo Tag Photos 2022-23



GPS Map Camera

Palghar, Maharashtra, India

dandekar college, PQ66+R2X, Mission Compound,
Banjar para, Boisar, Palghar, Maharashtra 401404, India

Lat 19.711967°

Long 72.759911°

16/09/22 03:15 PM GMT +05:30

Google

Department of Physics

Remedial Coaching Report: 2022-23

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2	Syllabus	2
3	Time Table	3
4	Attendance of 6 days coaching	4
5	Test papers	5, 6
6	Mark List	7, 8

7	Report of the Program	9
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Sonopant Dandekar Shikshan Mandali's



**SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE
AND M. H. MEHTA SCIENCE COLLEGE**

Tal. Palghar, Dist. Palghar, Pin - 401 404.
Code.: (02525) 252163, Prin : 252317 • Resi.: 252316
website : www.sdsmcollege.com • Email: sdsmcollege@yahoo.com
(NAAC Reaccredited 'B' Grade)

Ref. No. : _____ Date : _____

NOTICE
Department of Physics
Remedial Course

Department has organized Remedial course for **F.Y.B.Sc** students whose performance is found to be dissatisfactory in the Semester I examination. All the

concerned students are hereby informed to contact department.

Note:-It is mandatory for all the concerned students to attend remedial classes.



B. K. Sakhare
Head Department of Physics

**S.D.Arts, V.S.Apte Commerce and M.H.Mehta Science College,
Palghar
Department of Physics**

Syllabus for remedial course
F.Y.B.Sc. 2022-23

SEM I

<u>Paper I</u>	<u>Paper II</u>
<ol style="list-style-type: none">1. Newton's law2. Elasticity3. Fluid dynamics4. Overview of optics5. Aberration6. Interference7. Thermodynamics	<ol style="list-style-type: none">1. Basics of nuclear physics2. Radioactivity and applications.3. Detectors4. Nuclear reactions5. Origin of Q theory.

SEM II

<u>Paper I</u>	<u>Paper II</u>
<ol style="list-style-type: none">1. Vector algebra2. Divergence and curl3. Differential equation4. Mechanics5. Harmonic oscillators6. Wave motion	<ol style="list-style-type: none">1. Basics of electronics2. A.C theory3. Circuit theorems4. Logic gates5. Electrostatics6. Magneto statics.



Remedial Course In-charge

**S.D.Arts, V.S.Apte Commerce and M.H.Mehta Science College,
Palghar
Department of Physics**

Time Table for Remedial Coaching 2022-23

Name of the Subject – Physics-I & II

Sem I

Class – F.Y.B.Sc.

Date –22 August 2022 to 27 August 2022

Date and Day	Time	Classroom No.
22 August 2022 (Monday)	1 : 50pm to 2 : 40pm 2 : 50pm to 3 : 40pm	Physics lab no 3
23 August 2022 (Tuesday)	1 : 50pm to 2 : 40pm 2 : 50pm to 3 : 40pm	Physics lab no 3
24 August 2022 (Wednesday)	1 : 50pm to 2 : 40pm 2 : 50pm to 3 : 40pm	Physics lab no 3
25 August 2022 (Thursday)	1 : 50pm to 2 : 40pm 2 : 50pm to 3 : 40pm	Physics lab no 3
26 August 2022 (Friday)	1 : 50pm to 2 : 40pm 2 : 50pm to 3 : 40pm	Physics lab no 3
27 August 2022 (Saturday)	1 : 50pm to 2 : 40pm 2 : 50pm to 3 : 40pm	Physics lab no 3

Brooks

Remedial Course In-charge

Attendance Report of Remedial Classes 2022-2023

Name of the subject –Physics I & II (SEM –I)

Class- F.Y.B.Sc

Sr. No	Roll no.	Name of students	22 Aug 2022	23 Aug 2022	24 Aug 2022	25 Aug 2022	26 Aug 2022	27 Aug 2022
1	2073	Sandhe Nidhish	P	P	P	A	P	P
2	2082	Giri Aachal	P	A	P	P	P	P
3	2085	More Neha	P	P	P	P	P	P
4	2089	Nair Mehul	P	P	P	A	P	A
5	2095	Gaikwad Manasi	A	P	P	P	P	P
6	2111	Gawad Shruti	P	P	P	P	A	A
7	2113	Shinde Mahendra	P	P	A	P	P	P
8	2114	More Shritija	P	P		P	P	P
9	90011	Tamore Riddhi	A	P	P	A	P	P
10	90012	Davane Manali	P	P	A	P	P	P
11	90016	Bhuyad Roshan	P	P	P	P	P	P
12	90017	Golim Pravin	P	A	A	P	P	P
13	90023	Gowari Sneha	A	P	P	P	P	P
14	90032	Nayak puja	P	P	P	P	A	P
15	90038	Barat Jyoti Raha	P	P	P	P	P	
16	90049	Maurya Jay	P	A	P	A	P	P
17	90059	Macchi Dharmik	P	P	P	P	P	P
18	90062	Mali Isha	P	P	P	A	P	P
20	90076	Chamare Parth	P	P	P	P	P	P
21	90084	Lade Rutuja	A	P	P	P	P	P
23	90103	Patil Vaishanavi	P	P	A	P	P	P
24	90127	Tare Sakshi	P	P	P	A	P	
25	90156	Yadav Suman	P	P	A	P	P	P

Bhaskar
Remedial Course In-charge.

S.D. Arts, V.S. Apte Commerce and M.H.Mehta Science College Palghar
Department Of Physics
Remedial Course question paper

F.Y.B.Sc. (Physics) 2022-2023
Paper I – Sem - I

Total Marks: 20

Q.1 Answer all the questions.

- 1) Centrifugal force is force.
a) Pseudo b) real c) Imaginary d) none of these

- 2) For a homogeneous isotropic material Poisson's ratio is
a) $-1 < \sigma < 0.5$ b) $0.5 < \sigma < -1$ c) $-1 > \sigma < 0.5$ d) $0 < \sigma < 0.5$

- 3) If R is a normal reaction and F is limiting friction force, then Coefficient of friction $\mu = \dots\dots\dots$
a) $\frac{F}{R}$ b) $\frac{R}{F}$ c) RF d) CF

- 4) The change in momentum per second is proportional to
a) Applied momentum b) displacement c) Time d) applied force

- 5) A system is inequilibrium if there is no change in pressure at any point of the System with time.
a) Pressure b) Thermal c) Mechanical d) phase

- 6) In..... change, the pressure of the system remains constant during the interaction.
a) Isochoric b) isobaric c) Isothermal d) adiabatic

- 7) Kinetic friction is
a) Independent of velocity
b) Independent of angular momentum.
c) Independent of time
d) Independent of potential energy

- 8) Centripetal force is force.
a) Pseudo b) real c) Imaginary d) static

- 9) Modulus of rigidity is shown by
- a) Liquid b) gases c) Solid d) fluid
- 10) Poisson's ratio of the material is ratio of
- a) Lateral strain & longitudinal strain
 b) Lateral stress & longitudinal stress
 c) Shear stress & shear strain
 d) Longitudinal stress & longitudinal strain

S.D. Arts, V.S. Apte Commerce and M.H.Mehta Science College Palghar
Department Of Physics

Remedial Course question paper

F.Y.BSc. (Physics) 2022-2023

Paper II

Sem I

Total Marks : 20

Q.1 Answer all the questions.

- 1) Nuclear radius R is proportional to _____.
- a) Cube root of atomic number b) cube of mass number c) cube of atomic number
 d) cube root of mass number
- 2) Radioactivity is _____.
- a) Nuclear disintegration b) atomic disintegration c) radio disintegration d) addition of nucleus.
- 3) Which of the following is not a gas filled detector.
- a) Ionization chamber b) cloud chamber c) proportional counter d) GM counter
- 4) In the following reaction -X is _____.
- $${}^{16}_8\text{O} + {}^2_1\text{H} \rightarrow \text{X} + {}^3_1\text{H}$$
- a) ${}^{16}_8\text{O}$ b) ${}^{15}_8\text{O}$ c) ${}^{15}_7\text{N}$ d) ${}^{238}_{82}\text{U}$
- 5) In Davisson-Germer experiment the pronounced peak is observed at _____
- a) $V = 40\text{V}, \phi = 54$ b) $V = 50\text{V}, \phi = 54$ c) $V = 54\text{V}, \phi = 50$ d) $V = 40\text{V}, \phi = 50$
- 6) If the voltage of X-ray tube is doubled, the intensity of X-rays will become _____

- a) Half b) Remains constant c) Double d) Four times

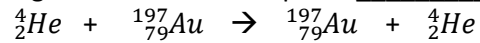
7) The energy which must be supplied to the nucleus to break it into its constituent nucleon is _____.

- a) binding energy b) packing energy c) potential energy d) kinetic energy

8) One Curie is _____ disintegration per second

- a) 10^{-3} b) 10^{-6} c) 3.7×10^{10} d) 10^{10}

9) Following reaction is an example of _____.



- a) Elastic scattering b) inelastic scattering c) pick-up reaction d) fission

10) The detectors operating in proportional region are known as _____.

- a) Ionization chamber b) proportional counter c) Geiger-Mueller counter d) cloud chamber
-

S.D Arts,V.S Apte Commerce and M.H Mehta Science college ,Palghar

Department of physics

Mark list of Remedial Classes test 2022-2023

Name of the subject –Physics I & II (SEM –I)

Class- F.Y.B.Sc

Sr. No	Roll no.	Name of students	Marks obtained P-I (Out of 20)	Marks obtained P-II (Out of 20)
1	2073	Sandhe Nidhish	15	15
2	2082	Giri Aachal	14	13
3	2085	More Neha	13	12
4	2089	Nair Mehul	10	12
5	2095	Gaikwad Nanasi	14	14
6	2111	Gawad Shruti	13	16
7	2113	Shinde Mahendra	16	15
8	2114	More Shritija	13	14
9	90011	Tamore Riddhi	12	13
10	90012	Davane Manali	12	13
11	90016	Bhuyad Roshan	14	14
12	90017	Golim Pravin	15	16
13	90023	Gowari Sneha	17	16
14	90032	Nayak puja	12	14
15	90038	Barat Jyoti Raha	11	12
16	90049	Maurya Jay	12	12
17	90059	Macchi Dharmik	14	13
18	90062	Mali Isha	16	15
20	90076	Chamare Parth	13	14
21	90084	Lade Rutuja	11	13
23	90103	Patil Vaishanavi	12	14
24	90127	Tare Sakshi	13	13
25	90156	Yadav Suman	14	15

Dhale
Remedial Course In-charge



Sonopant Dandekar Shikshan Mandali's

**SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE
AND M. H. MEHTA SCIENCE COLLEGE**

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website : www.sdscollege.com • Email: sdscollege@yahoo.com

(NAAC Reaccredited 'B' Grade)

Ref. No. :

Date : _____

Department of PHYSICS, Sonopant Dandekar Arts College, V.S. Apte Commerce College and M.H. Mehta Science College, Palghar has taken remedial coaching for F. Y. BSc. students on 22nd August 2022 to 27th August 2022. 19 participants were present for the same.

The aim of the coaching was to identify slow and fast learners so that it will help the students to improve their studies.

The Coaching was conducted for a period of one week 21st Feb 2022 to 26th Feb 2022 in Room No. Physics lab (3) by Prof. T.J.More & Prof. N.R.Patil.

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Co – Curriculum	Remedial Coaching	22 nd August 2022 to 27 th August 2022 1:50p.m. - 2:40p.m. & 2:50 p.m. – 3:40 p.m.	Physics lab (3)	Prof. T.J.More Prof. N.R.Patil.	25

Bhaskar

Coordinator of the Programme

Bhaskar

Head of the Department

Remedial Coaching Report: 2022-23

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6	Mark List	7, 8

7	Report of the Program	9
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Sonopant Dandekar Shikshan Mandali's

**SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE
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(NAAC Reaccredited 'B' Grade)

Ref. No. : _____ Date : _____

NOTICE
Department of Physics

Remedial Course

Department has organized Remedial course for **F.Y.B.Sc** students whose performance is found to be dissatisfactory in the Semester I examination. All the concerned students are hereby informed to contact department.

Note:-It is mandatory for all the concerned students to attend remedial classes.



B. K. Sakhare
Head Department of Physics

**S.D.Arts, V.S.Apte Commerce and M.H.Mehta Science College,
Palghar
Department of Physics**

**Syllabus for remedial course
F.Y.B.Sc. 2022-23**

SEM I	
<u>Paper I</u>	<u>Paper II</u>

8. Newton's law 9. Elasticity 10. Fluid dynamics 11. Overview of optics 12. Aberration 13. Interference 14. Thermodynamics	6. Basics of nuclear physics 7. Radioactivity and applications. 8. Detectors 9. Nuclear reactions 10. Origin of Q theory.
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SEM II

<u>Paper I</u>	<u>Paper II</u>
7. Vector algebra 8. Divergence and curl 9. Differential equation 10. Mechanics 11. Harmonic oscillators 12. Wave motion	7. Basics of electronics 8. A.C theory 9. Circuit theorems 10. Logic gates 11. Electrostatics 12. Magneto statics.

Bhaskar

Remedial Course In-charge

**S.D.Arts, V.S.Apte Commerce and M.H.Mehta Science College,
Palghar
Department of Physics**

Time Table for Remedial Coaching 2022-23

Name of the Subject – Physics-I & II

Sem II

Class – F.Y.B.Sc.

Date –6th Feb 2023 to 11th Feb 2023

Date and Day	Time	Classroom No.
06 Feb 2022 (Monday)	1 : 50pm to 2 : 40pm 2 : 50pm to 3 : 40pm	Physics lab no 3
07 Feb 2022 (Tuesday)	1 : 50pm to 2 : 40pm 2 : 50pm to 3 : 40pm	Physics lab no 3
08 Feb 2022 (Wednesday)	1 : 50pm to 2 : 40pm 2 : 50pm to 3 : 40pm	Physics lab no 3
09 Feb 2022 (Thursday)	1 : 50pm to 2 : 40pm 2 : 50pm to 3 : 40pm	Physics lab no 3
10 Feb 2022 (Friday)	1 : 50pm to 2 : 40pm 2 : 50pm to 3 : 40pm	Physics lab no 3
11 Feb 2022 (Saturday)	1 : 50pm to 2 : 40pm 2 : 50pm to 3 : 40pm	Physics lab no 3

Bhaskar

Remedial Course In-charge

Attendance Report of Remedial Classes 2022-2023

Name of the subject –Physics I & II (SEM –II)

Class- F.V.B.Sc

Sr. No	Roll no.	Name of students	06 Feb 2023	07 Feb 2023	08 Feb 2023	09 Feb 2023	10 Feb 2023	11 Feb 2023
1	2073	Sandhe Nidhish	P	P	P	A	P	A
2	2082	Giri Aachal	P	A	P	P	P	P
3	2085	More Neha	P	P	P	P	A	P
4	2089	Nair Mehul	P	P	A	P	P	P
5	2095	Gaikwad Nanasi	P	P	P	P	P	P
6	2111	Gawad Shruti	A	P	P	A	P	A
7	2113	Shinde Mahendra	P	P	P	P	A	P
8	2114	More Shritija	A	P	P	P	P	P
9	90011	Tamore Riddhi	P	P	P	P	P	P
10	90012	Davane Manali	P	P	P	P	P	A
11	90016	Bhuyad Roshan	A	A	P	P	P	P
12	90017	Golim Pravin	P	P	A	P	P	A
13	90023	Gowari Sneha	P	P	P	A	P	P
14	90032	Nayak puja	P	P	P	P	P	P
15	90038	Barat Jyoti Raha	A	A	P	P	P	P
16	90049	Maurya Jay	P	P	P	P	A	P
17	90059	Macchi Dharmik	P	P	P	P	P	P
18	90062	Mali Isha	A	P	A	P	P	A
20	90076	Chamare Parth	P	A	P	P	P	P
21	90084	Lade Rutuja	A	P	P	P	P	A
23	90103	Patil Vaishnavi	P	P	P	P	P	A
24	90127	Tare Sakshi	P	P	P	A	P	P
25	90156	Yadav Suman	P	A	P	P	P	P

Bhale
Remedial Course In-charge

S.D. Arts, V.S. Apte Commerce and M.H.Mehta Science College, Palghar
Department Of Physics

Remedial Course question paper
F.Y.B.Sc. (Physics) 2022-2023
Paper I – Sem - II

Total Marks : 20

Q.1 Attempt all the questions.

- 1) The necessary and sufficient condition for the vectors A,B and C to be coplanar is that.....
 - (a) $\vec{A} \cdot (\vec{B} \times \vec{C}) = 0$
 - (b) $\vec{A} \times (\vec{B} \times \vec{C}) = 0$
 - (c) $\vec{A} \cdot (\vec{B} \cdot \vec{C}) = 0$
 - (d) $\vec{A} \times (\vec{B} \cdot \vec{C}) = 0$
- 2) The degree of the equation $(\frac{dy}{dx}) + xy^2 = 0$ is
 - (a) 0
 - (b) 1
 - (c) 2
 - (d) 3
- 3) Higher the frequency of wave, the shorter is its
 - (a) Intensity
 - (b) Time
 - (c) Wavelength
 - (d) Density
- 4) Energy is not carried by
 - (a) Transverse travelling wave
 - (b) Stationary waves
 - (c) Longitudinal wave
 - (d) Electronic Waves
- 6) The phenomenon of periodic waxing and waning of intensity of sound when two sounds waves of different frequencies interface is called....
 - (a) Density
 - (b) Beats
 - (c) Modes
 - (d) Nodes
- 7) Curl of electrostatic field is.....
 - a) 0
 - b) 1
 - c) less than 2
 - d) less than 0λ
- 8) The order of differential equation is the order of the _____ derivative in the equation.
 - a) Highest
 - b) lowest
 - c) first
 - d) second
- 9) a vector field A is said to be solenoid if _____.
 - a) curl of A = 0
 - b) curl of A = 1
 - c) div of A = 0
 - d) div of A = 1
- 10) the degree of differential equation $dN/dt = -\lambda N$ is _____.
 - a) 1
 - b) 2
 - c) 0
 - d) N.

S.D. Arts, V.S. Apte Commerce and M.H.Mehta Science College Palghar
Department Of Physics

Remedial Course question paper
F.Y.B.Sc. (Physics) 2022-2023
Paper II - Sem - II

Total Marks : 20

Q.1 Answer all the questions.

- 1) The resonance condition of LCR circuit is _____.
a) $\omega L = \frac{1}{\omega C}$ b) $\omega L = \omega C$ c) $\omega L = CR$ d) $\omega L = LR$.
- 2) Wein bridge is used to _____.
a) Rectification b) measure frequency c) measure voltage d) full wave rectifier.
- 3) In half adder circuit, sum and carry are represented by outputs of _____ and _____ gate respectively.
a) AND, OR b) EX-OR, AND c) EX-OR, OR d) NAND, NOR.
- 4) $\frac{L}{R}$ has dimensions of time and is called _____.
a) current b) Inductance c) Time constant d) Growth of current.
- 5) Constant ϵ in coulomb's force is called _____.
a) permeability b) permittivity c) permittivity of free space d) permeability of free space.
- 6) Unit of magnetic field intensity is _____.
a) Henry b) Tesla c) Joule d) Weber.
- 7) If A and B are input of AND gate then its output will be _____.
a) $A \cdot B$ b) $A + B$ c) $\overline{A + B}$ d) $\overline{A} \cdot \overline{B}$
- 8) The maximum efficiency of a full wave rectifier is _____.
a) 30 % b) 81.2 % c) 90 % d) 10 %
- 9) In n- type semiconductor _____ are the minority carriers.

a) free electron b) neutron c) alpha particle d) holes

10) The bridge rectifier circuit consist of _____ number of diode connected in a bridge.

a) 2 b) 1 c) 4 d) 3

S.D Arts,V.S Apte Commerce and M.H Mehta Science college ,Palghar

Department of physics

Mark list of Remedial Classes test 2022-2023

Name of the subject –Physics I & II (SEM –II)

Class-

F.Y.B.Sc

Sr. No	Roll no.	Name of students	Marks obtained P-I (Out of 20)	Marks obtained P-II (Out of 20)
1	2073	Sandhe Nidhish	14	13
2	2082	Giri Aachal	12	13
3	2085	More Neha	16	14
4	2089	Nair Mehul	15	14
5	2095	Gaikwad Nanasi	13	12
6	2111	Gawad Shruti	11	14
7	2113	Shinde Mahendra	12	12
8	2114	More Shritija	14	11
9	90011	Tamore Riddhi	13	12
10	90012	Davane Manali	15	16
11	90016	Bhuyad Roshan	15	14
12	90017	Golim Pravin	14	11
13	90023	Gowari Sneha	11	12
14	90032	Nayak puja	13	14
15	90038	Barat Jyoti Raha	15	15
16	90049	Maurya Jay	14	12
17	90059	Macchi Dharmik	12	14
18	90062	Mali Isha	13	11
20	90076	Chamare Parth	12	12
21	90084	Lade Rutuja	12	14
23	90103	Patil Vaishanavi	15	16
24	90127	Tare Sakshi	13	13
25	90156	Yadav Suman	11	12

Bhale
Remedial Course In-charge



Sonopant Dandekar Shikshan Mandali's

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(NAAC Reaccredited 'B' Grade)

Ref. No. :

Date : _____

Department of PHYSICS, Sonopant Dandekar Arts College, V.S. Apte Commerce College and M.H. Mehta Science College, Palghar has taken remedial coaching for F. Y. BSc. students on 6th Feb 2023 to 11th Feb 2023. 19 participants were present for the same.

The aim of the coaching was to identify slow and fast learners so that it will help the students to improve their studies.

The Coaching was conducted for a period of one week 6th Feb 2023 to 11th Feb 2023 in Room No. Physics lab (3) by Prof. T.J.More & Prof. N.R.Patil.

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Co – Curriculum	Remedial Coaching	6 th Feb 2023 to 11 th Feb 2023 1:50p.m. - 2:40p.m. & 2:50 p.m. – 3:40 p.m.	Physics lab (3)	Prof. T.J.More Prof. N.R.Patil.	25

Bhaskar

Coordinator of the Programme

Bhaskar

Head of the Department

M.SC

Date: 09/11/2022

Department of Physics

NOTICE

All faculty members are requested to be present on 10th Nov., 2022 at 10:30 a.m. for the discussion of the following agenda of academic year 2022-23. The meeting will be conducted in the department.

- 1) Workload distribution,
- 2) Syllabus distribution
- 3) Time table
- 4) Remedial / Bridge Course

- 5) Departmental Activity
- 6) Certificate Course
- 7) Any other items with the permission of Chair
- 8) Participation in Aavishkar.

Attendance is compulsory for all faculty members.



Head
Department of Physics

Remedial Coaching Report: 2022-23

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Sonopant Dandekar Shikshan Mandali's



**SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE
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Ref. No. :

Date : _____

NOTICE
Department of Physics

Remedial Course

Department has organized Remedial course for **M.Sc.-I** students whose performance is found to be dissatisfactory in the class test which was conducted in the month of September of 2022. All the concerned students are hereby informed to contact department.

Note:-It is mandatory for all the concerned students to attend remedial classes.

B. K. Sakhare

Head Department of Physics

**S.D.Arts, V.S.Apte Commerce and M.H.Mehta Science College,
Palghar
Department of Physics**

Syllabus for remedial course M.Sc.-I

SEM-I

- | |
|---|
| <ol style="list-style-type: none">1. Mathematical methods<ol style="list-style-type: none">a. Complex numberb. Matricesc. Differential equationsd. Laplace transformation2. Classical mechanics<ol style="list-style-type: none">a. Newton's lawb. Lagrange's equationsc. Hamilton's principled. Canonical transformatione. Poissons bracket3. Quantum mechanics I<ol style="list-style-type: none">a. Postulates of quantum mechanics |
|---|

- b. Operators
- c. State function expectation values
- d. Commutator relations
- e. Conservation theorem and paring
- 4. Solid state physics
 - a. Bragg law
 - b. SC lattice, BCC, FCC
 - c. Reciprocal lattice vector Brillion zone

Brookes

Remedial Course In-charge

**S.D.Arts, V.S.Apte Commerce and M.H.Mehta Science College,
Palghar
Department of Physics**

Time Table for Remedial Coaching 2022-23

Name of the Subject – Physics

Sem-I

Class – M.Sc.-I

Date –14 Nov 2022 to 19 Nov 2022

Date and Day	Time	Classroom No.
14 Nov 2022 (Monday)	1 : 50pm to 2 : 50pm 3 : 00pm to 4 : 00pm	MSc Lab

15 Nov 2022 (Tuesday)	1 : 50pm to 2 : 50pm 3 : 00pm to 4 : 00pm	MSc Lab
16 Nov 2022 (Wednesday)	1 : 50pm to 2 : 50pm 3 : 00pm to 4 : 00pm	MSc Lab
17Nov 2022 (Thursday)	1 : 50pm to 2 : 50pm 3 : 00pm to 4 : 00pm	MSc Lab
18Nov 2022 (Friday)	1 : 50pm to 2 : 50pm 3 : 00pm to 4 : 00pm	MSc Lab
19 Nov 2022 (Saturday)	1 : 50pm to 2 : 50pm 3 : 00pm to 4 : 00pm	MSc Lab



Remedial Course In-charge

Attendance Report of Remedial Classes 2022-2023

Name of the subject –Physics I ,II,III,IV (SEM –I)

Class- MSC-I

Sr. No	Roll no.	Name of students	14 Nov 2022	15 Nov 2022	16 Nov 2022	17 Nov 2022	18 Nov 2022	19 Nov 2022
1	44001	Kakad Vikas	P	P	P	P	P	P
2	44002	Bhuyal Prathmesh	P	P	A	P	P	P
3	44003	Harijan Pinky	P	P	P	P	A	P
4	44004	Patil Yogita	P	A	P	P	P	P
5	44006	Gavali Kaikala	P	P	P	P	P	P
6	44007	Kadu Durgamati	P	P	P	P	P	P
7	44008	Baraf Adesh	P	P	P	P	P	P
8	44009	Churi Bahvik	P	P	P	P	P	P
9	44010	Vishwakarma Omshivam	P	P	P	P	P	A
10	44012	Tiwari Rajlaxmi	P	P	P	P	P	P
11	44013	Kokitkar Kartik	P	P	P	P	P	P
12	44014	Desai Nitin	P	P	P	P	P	P
13	44015	Siravi Ashok	A	P	P	P	P	P
14	44016	Wagh Ganesh	P	P	P	P	P	P
15	44018	Tumbada Pramod	P	P	P	P	P	P

Bhaskar

Remedial Course Incharge

S.D. Arts, V.S. Apte Commerce and M.H.Mehta Science College Palghar
Department Of Physics

Remedial Course question paper

M.Sc. (Physics) 2022-23

Sem - I

Q.1 Answer the following MCQs.

20 marks

- 1 The Hamiltonian operator is the
 - A Angular momentum operator
 - B Total energy operator
 - C Linear momentum operator
 - D Kinetic energy operator

- 2 The Schrodinger's equation is the wave equation of
 - A Matter waves
 - B Sound waves
 - C Electromagnetic waves
 - D All the waves

- 3 Value of residue of an Integral $\int_0^{2\pi} \frac{d\theta}{5-3\cos\theta}$ is
 - A $\frac{\pi}{4}$
 - B $\frac{\pi}{2}$
 - C $\frac{\pi}{3}$
 - D $\frac{\pi}{6}$

- 4 In vibration of 1 D diatomic lattice, the allowed frequency range of propagation is split into branches upper and lower respectively called _____.
 - A optical and acoustical
 - B acoustical and optical
 - C both optical
 - D both acoustical

- 5 The number of phonons in a crystal can be increased or decreased by manipulating its _____.
 A energy
 B angular frequency
 C temperature
 D all of the above
- 6 In the Lagrange equation of motion, if you replace the Lagrangian L by the kinetic energy T then the right-hand side of the equation
 A Becomes generalized force
 B Becomes generalized displacement
 C Becomes generalized momentum
 D Remains zero
- 7 The total angular momentum of a system of particles consists of ---- parts.
 A 2
 B 3
 C 4
 D 5
- 8 A momentum operator in one dimension is.....
 A $i\hbar \frac{d}{dx}$
 B $-i\hbar \frac{d}{dx}$
 C $i\hbar \frac{d}{dt}$
 D $-i\hbar \frac{d}{dt}$
- 9 A square matrix A is idempotent if:
 A $A' = A$
 B $A' = -A$
 C $A^2 = A$
 D $A^2 = I$
- 10 If X is an eigen value of a non singular matrix A then the eigen value of A^{-1} is
 A $1/X$
 B X
 C -X
 D 0

**S.D.Arts, V.S.Apte Commerce and M.H.Mehta Science College,
Palghar**

Department of Physics

Mark List of Remedial Coaching Test 2021-2022

Name of the Subject – Physics

Sem-I

Class: M.Sc.-I

Sr.No.	Roll number	Name of students	Marks Obtained
1	44001	Kakad Vikas	18 / 20
2	44002	Bhuyal Prathmesh	18 / 20
3	44003	Harijan Pinky	16 / 20
4	44004	Patil Yogita	16 / 20
5	44006	Gavali Kaikala	18 / 20
6	44007	Kadu Durgamati	12 / 20
7	44008	Baraf Adesh	14 / 20
8	44009	Churi Bahvik	16 / 20
9	44010	Vishwakarma Omshivam	16 / 20
10	44012	Tiwari Rajlaxmi	12 / 20
11	44013	Kokitkar Kartik	18 / 20
12	44014	Desai Nitin	18 / 20
13	44015	Siravi Ashok	20 / 20
14	44016	Wagh Ganesh	18 / 20
15	44018	Tumbada Pramod	14 / 20

Bhales

Remedial Course In-charge



Sonopant Dandekar Shikshan Mandali's

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Ref. No. :

Date : _____

Department of PHYSICS, Sonopant Dandekar Arts College, V.S. Apte Commerce College and M.H. Mehta Science College, Palghar has taken remedial coaching for M.Sc. students on 14 Nov 2022 to 19 Nov 2022. 15 participants were present for the same.

The aim of the coaching was to identify slow and fast learners so that it will help the students to improve their studies.

The Coaching was conducted for a period of one week 14th Nov 2022 to 19th Nov 2022. in MSc lab by Prof. Raju Tandel & Prof. N.R.Patil.

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Co – Curriculum	Remedial Coaching	14 th Nov 2022 to 19 th Nov 2022 1: 50pm to 2 : 50pm 3 : 00pm to 4 : 00pm	MSc lab	Prof.Raju Tandel Prof. N.R.Patil.	15

Bhaskar

Coordinator of the Programme

Bhaskar

Head of the Department

Remedial Coaching Report: 2022-23

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Sonopant Dandekar Shikshan Mandalis



**SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE
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Ref. No. : _____ Date : _____

NOTICE
Department of Physics
Remedial Course

Department has organized Remedial course for **M.Sc.-I** students whose performance is found to be dissatisfactory in the Semester I examination. All the concerned students are hereby informed to contact department.

Note:-It is mandatory for all the concerned students to attend remedial classes.



B. K. Sakhare
Head Department of Physics

**S.D.Arts, V.S.Apte Commerce and M.H.Mehta Science College,
Palghar
Department of Physics**

Syllabus for remedial course M.Sc.-I

SEM-II

1. Advanced electronics
 - a. Data transmission system
 - b. PAM, PWM, TDM, PM
 - c. Optical fiber
 - d. Types of optical fiber
 - e. Structure of optical fiber
2. Electrodynamics
 - a. Maxwell equation
 - b. Maxwell's stress tensor
 - c. Field equation in tensor
 - d. EM waves in vacuum
 - e. Polarization of plane wave
 - f. Wave guide theory
3. Quantum mechanics II
 - a. Schrodinger equation and solution
 - b. 1-D problems
 - c. General properties of 1-D equation
 - d. Particle in box
 - e. Harmonic oscillator
 - f. 1-D barrier problem
 - g. Finite pot well
4. Solid state devices
 - a. Classification of semiconductor
 - b. Energy band structure
 - c. Fermi energy
 - d. P-N junction
 - e. Abrupt and linearly graded.
 - f. Solar cell.
 - g. Hall effect



Remedial Course In-charge

**S.D.Arts, V.S.Apte Commerce and M.H.Mehta Science College,
Palghar
Department of Physics**

Time Table for Remedial Coaching 2022-23

Name of the Subject – Physics

Sem-II

Class – M.Sc.-I

Date –13 March 2023 to 18 March 2023

Date and Day	Time	Classroom No.
13 March 2023. (Monday)	1 : 50pm to 2 : 50pm 3 : 00pm to 4 : 00pm	MSc Lab
14 March 2023 (Tuesday)	1 : 50pm to 2 : 50pm 3 : 00pm to 4 : 00pm	MSc Lab
15 March 2023 (Wednesday)	1 : 50pm to 2 : 50pm 3 : 00pm to 4 : 00pm	MSc Lab
16 March 2023 (Thursday)	1 : 50pm to 2 : 50pm 3 : 00pm to 4 : 00pm	MSc Lab
17 March 2023 (Friday)	1 : 50pm to 2 : 50pm 3 : 00pm to 4 : 00pm	MSc Lab
18 March 2023 (Saturday)	1 : 50pm to 2 : 50pm 3 : 00pm to 4 : 00pm	MSc Lab

Brooks

**S.D. Arts, V.S. Apte Commerce and M.H.Mehta Science College Palghar
Department Of Physics**

Remedial Course question paper

M.Sc. (Physics) 2022-23

Sem - II

Q.1 Answer the following MCQs.

20 marks

- 1 An instrumentation system does not include.....
 - A Transducer
 - B Instrumentation Amplifier
 - C Tester
 - D Process motor
- 2 The generalized Ohm's law is given by
 - A $\vec{j} = \sigma \vec{E}$
 - B $V = IR$
 - C $\vec{j} = \mu \vec{E}$
 - D $\vec{j} = \epsilon \vec{E}$
- 3 The probability that the incident particle is reflected is called as
 - A Reflection coefficient
 - B Incident coefficient
 - C Transmission coefficient

- D Incident to transmission coefficient
- 4 Strain Gauge instruments involves
- A Wheaton bridge
 - B Kelvin bridge
 - C Anderson bridge
 - D Maxwell bridge
- 5 Which of the following is true?
- A $\rho + j = 0$
 - B $\frac{\partial \rho}{\partial t} + \nabla \cdot \bar{j} = 0$
 - C $\frac{\partial \rho}{\partial t} + \bar{j} = 0$
 - D $\rho + \nabla \cdot \bar{j} = 0$
- 6 The energy transported by the fields per unit area per unit time is called as
- A Poynting Energy
 - B Electromagnetic energy
 - C Poynting vector
 - D Energy flux
- 7 Under thermal equilibrium conditions, the generation rate is..... the recombination rate
- A Greater than
 - B Less than
 - C Equal to
 - D Independent of
- 8 Hall voltage is proportional to
- A Applied magnetic field
 - B Mass density of the specimen
 - C Linear area of the specimen
 - D Elastic constant of the specimen
- 9 How many voltage level are present in a PWM signal?
- A 0
 - B 1
 - C 2
 - D 3

- 10 The process of using a pulse signal to represent information is called
- A Pulse modulation
 - B Frequency modulation
 - C amplitude modulation
 - D Pulse modulation

Attendance Report of Remedial Classes 2022-2023

Name of the subject –Physics I, II,III,IV (SEM –II)

Class- MSC-I

Sr. No	Roll no.	Name of students	13 Mar 2023	14 Mar 2023	15 Mar 2023	16 Mar 2023	17 Mar 2023	18 Mar 2023
1	44001	Kakad Vikas	P	P	P	P	P	P
2	44002	Bhuyal Prathmesh	P	P	P	P	P	P
3	44003	Harijan Pinky	P	P	A	P	P	P
4	44004	Patil Yogita	P	P	P	P	P	A
5	44006	Gavali Kaikala	P	A	P	P	P	P
6	44007	Kadu Durgamati	P	P	A	P	P	P
7	44008	Baraf Adesh	P	P	P	P	A	P
8	44009	Churi Bahvik	P	P	P	P	P	P
9	44010	Vishwakarma Omshivam	P	A	P	P	P	P
10	44012	Tiwari Rajlaxmi	P	P	P	P	P	P
11	44013	Kokitkar Kartik	P	P	A	P	P	A
12	44014	Desai Nitin	P	P	P	P	P	P
13	44015	Siravi Ashok	P	P	P	A	P	A
14	44016	Wagh Ganesh	P	P	P	P	P	P
15	44018	Tumbada Pramod	P	P	P	P	P	A

Bhaskar
Remedial Course Incharge.

Sr.No.	Roll number	Name of students	Marks Obtained
1	44001	Kakad Vikas	20 / 20
2	44002	Bhuyal Prathmesh	18 / 20
3	44003	Harijan Pinky	18 / 20
4	44004	Patil Yogita	18 / 20
5	44006	Gavali Kaikala	20 / 20
6	44007	Kadu Durgamati	14 / 20
7	44008	Baraf Adesh	12 / 20
8	44009	Churi Bahvik	20 / 20
9	44010	Vishwakarma Omshivam	20 / 20
10	44012	Tiwari Rajlaxmi	20 / 20
11	44013	Kokitkar Kartik	20 / 20
12	44014	Desai Nitin	14 / 20
13	44015	Siravi Ashok	14 / 20
14	44016	Wagh Ganesh	18 / 20
15	44018	Tumbada Pramod	16 / 20

**S.D.Arts, V.S.Apte Commerce and M.H.Mehta Science College,
Palghar**

Department of Physics

Mark List of Remedial Coaching Test 2021-2022

Name of the Subject – Physics

Sem-II

Class: M.Sc.-I

Bhaskar

Remedial Course In-charge

Sonopant Dandekar Shikshan Mandali's



**SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE
AND M. H. MEHTA SCIENCE COLLEGE**

Tal. Palghar, Dist. Palghar, Pin - 401 404.
Code.: (02525) 252163, Prin : 252317 • Resi.: 252316

website : www.sdsmcollege.com • Email: sdsmcollege@yahoo.com
(NAAC Reaccredited 'B' Grade)

Ref. No. : _____ Date : _____

Department of PHYSICS, Sonopant Dandekar Arts College, V.S. Apte Commerce College and

M.H. Mehta Science College, Palghar has taken remedial coaching for M.Sc.-I students on 13th March 2023 to 18th March 2023. 15 participants were present for the same.

The aim of the coaching was to identify slow and fast learners so that it will help the students to improve their studies.

The Coaching was conducted for a period of one wee13th March 2023 to 18th March 2023..in MSc Lab by Prof. Indrajeet Prasad & Prof.Raju Tandel.

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Co – Curriculum	Remedial Coaching	13 th March 2023 to 18 th March 2023. 1 : 50pm to 2 : 50pm 3 : 00pm to 4 : 00pm	MSc Lab	ProfNinad patil Prof.Raju Tandel.	15



Coordinator of the Programme



Head of the Department

Department of Politics

Remedial Teaching Report: 2022-23
Department of Politics

INDEX

Sr. No.	Particular	Page No.
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2	Report of the Program	
3	Brochure	
4	Syllabus	
5	Time Table	
6	Test Paper of Remedial	
7	Attendance of Test	
8	Mark List	
9	List of Fast Learners	
10	List of Slow Learners	
11	Attendance of 7 days remedial teaching	
12	Photographs	

NOTICE

Remedial Lectures

राज्यशास्त्र विभाग

राज्यशास्त्र विभागाने ज्या विद्यार्थ्यांना राज्यशास्त्र या विषयाचे आकलन होण्यात अडचणी येत असतील अशा **एफ.वाय.बी.ए.- राज्यशास्त्र** च्या विद्यार्थ्यांसाठी प्रथम सत्राच्या अभ्यासक्रमावर आधारित रीमेडियल लेक्चर्स आयोजित केले आहेत. सदर लेक्चर्स **१९ सप्टेंबर, २०२२ ते ०६ ऑक्टोबर, २०२२** यादरम्यान घेण्यात येतील. या लेक्चर्सची वेळ दुपारी १:०० ते २:०० वा. यादरम्यान असेल. तरी संबंधित विद्यार्थ्यांनी सदर लेक्चर्सचे समन्वयक डॉ. तानाजी पोळ यांच्याशी संपर्क साधावा.

डॉ. तानाजी पोळ
विभाग प्रमुख
राज्यशास्त्र विभाग

NOTICE

Remedial Lectures Department of Politics

Department of Politics has organized remedial lectures based on the syllabus of the first semester for those students of **FYBA-Politics** who faced difficulties in understanding the subject of Politics. These lectures will be conducted **between 19th September, 2022 and 06th October, 2022**. The timing of these lectures will be 1:00 pm to 2:00 pm. However, the concerned students should contact Dr. Tanaji Pol, Coordinator of the same.

Dr. Tanaji Pol
Head,
Department of Politics

38.Report of the Programme

Department of Politics, Sonopant Dandekar Arts College, V.S. Apte Commerce College and M.H. Mehta Science College, Palghar had organized remedial teaching programme for FYBA-Politics students between 19/09/2022 and 06/10/2022 for which 10 participants were present for the same. The aim of the programme was to identify slow and fast learners so that it will help the students to improve their studies.

The lectures were conducted between 19/09/2022 and 06/10/2022 in Classroom No. J 4 by Dr. Tanaji Pol, Asst. Prof. Rutuja Raut and Asst. Prof. Madhura Raut.

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Co – Curriculum	Remedial Teaching	from 19/09/2022 to 06/10/2022	Classroom J 4	Dr. Tanaji Pol	10

Signature
Coordinator of the Programme
&
Head of the Department

Brochure:



Department of Politics

Remedial Teaching for FYBA: 2022 - 2023

Signature
Head of the Department

39.Syllabus

Name of the Subject:Politics-I (Indian Political System)

Syllabus for FYBA Remedial Teaching

Sr. No	Content
1	Salient Features of the Indian Constitution
2	Directive Principles of State Policy
3	Right to Religion and Right to Equality
4	Supreme Court of India
5	73 rd Constitutional Amendment
6	Indian Parliament

Signature
Head of the Department

40. Time Table

Name of the Subject – Politics-I (Indian Political System)

Class –FYBA

Date – from 19/09/2022 to 06/10/2022

Day	Time	Classroom No.	Name of the Faculty
19/09/2022, Monday	1:00 pm to 2:00 pm	Classroom J 4	Dr. Tanaji Pol
20/09/2022, Tuesday	1:00 pm to 2:00 pm	Classroom J 4	Asst. Prof. Madhura Raut
26/09/2022, Monday	1:00 pm to 2:00 pm	Classroom J 4	Asst. Prof. Rutuja Raut
27/09/2022, Tuesday	1:00 pm to 2:00 pm	Classroom J 4	Asst. Prof. Rutuja Raut
03/10/2022, Monday	1:00 pm to 2:00 pm	Classroom J 4	Dr. Tanaji Pol
04/10/2022, Tuesday	1:00 pm to 2:00 pm	Classroom J 4	Asst. Prof. Rutuja Raut
06/10/2022, Thursday	1:00 pm to 2:00 pm	Classroom J 4	Asst. Prof. Madhura Raut

Signature
Head of the Department

41. Test Paper of Remedial Teaching

**Sonopant Dandekar Arts, V. S. Apte Commerce and M. H. Mehta
Science College, Palghar.
Department of Politics**

F.Y.B.A. Remedial Teaching Test 2022 – 2023

Class –FYBA

Room No. - Classroom J4

Time - 1:00 pm to 2:00 pm

Total Marks –20

	खालील सर्व प्रश्नांची उत्तरे द्या. Answer the following questions.	20 गुण
Q 1	खालील प्रश्न सोडवा. Answer the following questions.	10
A	भारताने संसदीय शासनपद्धतीचा स्वीकार पुढीलपैकी कोणत्या देशाच्या राज्यघटनेतून केला आहे? India has adopted parliamentary form of government from which of the following country? 1. इंग्लंड / England 2. अमेरिका / America 3. कॅनडा / Canada 4. ऑस्ट्रेलिया / Australia	
B	भारतात अपिलाचे अंतिम न्यायालय _____ आहे. _____ is the apex court in India? 1. उच्च न्यायालय / High Court 2. सर्वोच्च न्यायालय / Supreme Court 3. पंतप्रधानांचे कार्यालय / Prime Minister Office 4. संसद / Parliament	
C	कलम _____ अन्वये अस्पृश्यतेची प्रथा काढून टाकण्यात आली. Article _____ removes the practice of untouchability. 1. १९ / 19 2. १४/ 14 3. १७ / 17 4. २१ / 21	
D	लोकसभेचा कार्यकाल किती वर्षांचा असतो? What is the tenure of Lok Sabha? 1. सहा वर्षे / 6 years	

	2. चार वर्षे / 4 years 3. पाच वर्षे / 5 years 4. सात वर्षे / 7 years	
E	भारतीय राज्यघटनेची ७३वी घटनादुरुस्ती खालीलपैकी काय अधोरेखित करते? What does the 73 rd Constitutional Amendment of the Indian Constitution highlight? 1. ग्रामीण स्थानिक स्वराज्य संस्था / Rural Local Self Government 2. शहरी स्थानिक स्वराज्य संस्था / Urban Local Self Government 3. प्रादेशिक स्थानिक स्वराज्य संस्था / Regional Local Self Government 4. संसदीय स्थानिक स्वराज्य संस्था / Parliamentary Local Self Government	
Q 2	कोणत्याही दोहोंवर टीप लिहा. Write Short Notes. (Any Two)	10
A	भारतीय संविधानाची वैशिष्ट्ये Features of Indian Constitution	
B	भारताचे सर्वोच्च न्यायालय Supreme Court of India	
C	भारतीय संसद Indian Parliament	

Signature
Head of the Department

**Sonopant Dandekar Arts, V. S. Apte Commerce and M. H. Mehta
Science College, Palghar.
Department of Politics**

**Name of the Subject – Politics-I (Indian Political System)
Attendance of FYBA Remedial Teaching Test- 2022-23
Time - 1:00 pm to 2:00 pm**

Sr. No.	Roll No.	Name of Student	Date & Signature
1	202	Jyoti Pappu Varma	
2	208	Poonam Somnath Sawale	
3	211	Nikhil Ramchandra Somvanshi	
4	214	Prashant Sunil Bhavar	
5	216	Komal Damu Chavan	
6	232	Kumkum Prakash Solanki	
7	235	Mahima Mahendra Vishwakarma	
8	244	Samiksha Vikas Vaze	
9	245	Yash Krushna Bhosale	
10	254	Sanjana Vinod Gupta	

**Signature
Head of the Department**

42.Overall Mark List

Mark List of Remedial Teaching Test

Name of the Subject –Politics

Class - FYBA

Date -

Time - 1:00 pm to 2:00 pm

Sr. No.	Roll No.	Name of the Student	Total Marks Scored out of 20
1.	202	Jyoti Pappu Varma	15
2.	208	Poonam Somnath Sawale	07
3.	211	Nikhil Ramchandra Somvanshi	08
4.	214	Prashant Sunil Bhavar	14
5.	216	Komal Damu Chavan	18
6.	232	Kumkum Prakash Solanki	15
7.	235	Mahima Mahendra Vishwakarma	12
8.	244	Samiksha Vikas Vaze	14
9.	245	Yash Krushna Bhosale	14
10.	254	Sanjana Vinod Gupta	02

Signature
Head of the Department

43.List of Fast Learners*

Note –

Fast Learners* - Those students who have scored more than 50% Marks

Sr. No.	Roll No.	Name of the Student	Total Marks Scored out of 20
1.	202	Jyoti Pappu Varma	15
2.	214	Prashant Sunil Bhavar	14
3.	216	Komal Damu Chavan	18
4.	232	Kumkum Prakash Solanki	15
5.	235	Mahima Mahendra Vishwakarma	12
6.	244	Samiksha Vikas Vaze	14
7.	245	Yash Krushna Bhosale	14

Signature
Head,
Department of Politics

Sonopant Dandekar Arts, V. S. Apte Commerce and M. H. Mehta
Science College, Palghar.

Department of Politics

F.Y.B.A. Remedial Teaching Test 2022 – 2023

18
20

Class –FYBA

Time - 1:00 pm to 2:00 pm

Room No. - Classroom J4

Total Marks –20

Roll No. :- 216.

	खालील सर्व प्रश्नांची उत्तरे द्या. Answer the following questions.	20 गुण
Q 1	खालील प्रश्न सोडवा. Answer the following questions.	10
A	भारताने संसदीय शासनपद्धतीचा स्वीकार पुढीलपैकी कोणत्या देशाच्या राज्यघटनेतून केला आहे? India has adopted parliamentary form of government from which of the following country? 1. इंग्लंड / England 2. अमेरिका / America 3. कॅनडा / Canada 4. ऑस्ट्रेलिया / Australia	
B	भारतात अपिलाचे अंतिम न्यायालय _____ आहे. _____ is the apex court in India? 1. उच्च न्यायालय / High Court 2. सर्वोच्च न्यायालय / Supreme Court 3. पंतप्रधानांचे कार्यालय / Prime Minister Office 4. संसद / Parliament	
C	कलम _____ अन्वये अस्पृश्यतेची प्रथा काढून टाकण्यात आली. Article _____ removes the practice of untouchability. 1. १९ / 19 2. १४ / 14 3. १७ / 17 4. २१ / 21	

D	लोकसभेचा कार्यकाल किती वर्षांचा असतो? What is the tenure of Lok Sabha? 1. सहा वर्षे / 6 years 2. चार वर्षे / 4 years 3. पाच वर्षे / 5 years 4. सात वर्षे / 7 years	
E	भारतीय राज्यघटनेची ७३वी घटनादुरुस्ती खालीलपैकी काय अधोरेखित करते? What does the 73 rd Constitutional Amendment of the Indian Constitution highlight? 1. ग्रामीण स्थानिक स्वराज्य संस्था / Rural Local Self Government 2. शहरी स्थानिक स्वराज्य संस्था / Urban Local Self Government 3. प्रादेशिक स्थानिक स्वराज्य संस्था / Regional Local Self Government 4. संसदीय स्थानिक स्वराज्य संस्था / Parliamentary Local Self Government	
		10
Q 2	कोणत्याही दोहोंवर टीप लिहा. Write Short Notes. (Any Two)	
A	भारतीय संविधानाची वैशिष्ट्ये Features of Indian Constitution	
B	भारताचे सर्वोच्च न्यायालय Supreme Court of India	
C	भारतीय संसद Indian Parliament	

- A) भारतीय संविधानाची वैशिष्ट्ये
- १) भारतीय संविधान जगातील सर्वात मोठे लिखित आहे.
- २) संविधानामध्ये एकूण 395 कलमे (22 भाग, 8 अनुसूची, 25 अनुच्छेद आहेत
- ३) अक्षांच्या स्थितीत 465 + कलमे आहेत
- ४) राज्यघटना लिखितपणे 2 वर्षे ११ महिने 18 दिवस लागले जोव्हा पास 64 वर्षां क. चर्चा व ११ संवेदनांनी.
- ५) धर्मनिरपेक्ष, असासत, गणराज्य लोकशाही अंशतः आत्मता - अशी महत्त्वाची तत्वे अमानिष्ट कुरव्यात आली.

04

- 1) भारतीय संसद
- 1) भारतीय संसद कलम 79 मुताबक कख्यात झाल्ली आहे.
 2) संसद मध्ये लक्षपेक्षा अधिक सभायचें आहेत.
- 3) भारतीय संसद मध्ये राष्ट्रपती, राज्यसभा, लोकसभा यांचा समावेश होतो.
- 4) संसद मध्ये वर्चस्व विधायक कक्षा म्हणून ओळखतात.
- 5) भारतीय संविधानानुसार संसद कलम 79, राज्यसभा-80, लोकसभा-81 च्या अन्वयेत.
- 6) संसदेमध्ये वरिष्ठ सभासद - राज्यसभा व कनिष्ठ सभासद लोकसभा होय.

04

44.List of Slow Learners*

Note –

Slow Learners* - Those students who have scored less than 50% Marks

Sr. No.	Roll No.	Name of the Student	Total Marks Scored out of 20
1.	208	Poonam Somnath Sawale	07
2.	211	Nikhil Ramchandra Somvanshi	08
3.	254	Sanjana Vinod Gupta	02

Signature
Head,
Department of Politics

Sonopant Dandekar Arts, V. S. Apte Commerce and M. H. Mehta
Science College, Palghar.

Department of Politics

F.Y.B.A. Remedial Teaching Test 2022 - 2023

02
20

Class - FYBA

Time - 1:00 pm to 2:00 pm

Room No. - Classroom J4

Total Marks - 20

Roll No. :- 254.

	खालील सर्व प्रश्नांची उत्तरे द्या. Answer the following questions.	20 गुण
Q 1	खालील प्रश्न सोडवा. Answer the following questions.	10
A	भारताने संसदीय शासनपद्धतीचा स्वीकार पुढीलपैकी कोणत्या देशाच्या राज्यघटनेतून केला आहे? India has adopted parliamentary form of government from which of the following country? 1. इंग्लंड / England 2. अमेरिका / America 3. कॅनडा / Canada 4. ऑस्ट्रेलिया / Australia	
B	भारतात अपिलाचे अंतिम न्यायालय _____ आहे. _____ is the apex court in India? 1. उच्च न्यायालय / High Court 2. सर्वोच्च न्यायालय / Supreme Court 3. पंतप्रधानांचे कार्यालय / Prime Minister Office 4. संसद / Parliament	
C	कलम _____ अन्वये अस्पृश्यतेची प्रथा काढून टाकण्यात आली. Article _____ removes the practice of untouchability. 1. 19 / 19 2. 14 / 14 3. 17 / 17 4. 21 / 21	

D	लोकसभेचा कार्यकाल किती वर्षांचा असतो? What is the tenure of Lok Sabha? <input checked="" type="checkbox"/> 1. सहा वर्षे / 6 years <input type="checkbox"/> 2. चार वर्षे / 4 years <input checked="" type="checkbox"/> 3. पाच वर्षे / 5 years <input type="checkbox"/> 4. सात वर्षे / 7 years	
E	भारतीय राज्यघटनेची 73 rd घटनादुरुस्ती खालीलपैकी काय अधोरेखित करते? What does the 73 rd Constitutional Amendment of the Indian Constitution highlight? <input type="checkbox"/> 1. ग्रामीण स्थानिक स्वराज्य संस्था / Rural Local Self Government <input type="checkbox"/> 2. शहरी स्थानिक स्वराज्य संस्था / Urban Local Self Government <input checked="" type="checkbox"/> 3. प्रादेशिक स्थानिक स्वराज्य संस्था / Regional Local Self Government <input type="checkbox"/> 4. संसदीय स्थानिक स्वराज्य संस्था / Parliamentary Local Self Government	
Q 2 कोणत्याही दोहोंवर टीप लिहा. Write Short Notes. (Any Two)		10
A	भारतीय संविधानाची वैशिष्ट्ये Features of Indian Constitution	
B	भारताचे सर्वोच्च न्यायालय Supreme Court of India	
C	भारतीय संसद Indian Parliament	

Q. 2 (A) भारतीय संविधानाची वैशिष्ट्ये

→ भारतीय संविधान हे लिखित स्वरूपातील सर्वप्रथम शोकी राज्यघटना आहे. सार्वत्रिक, गणराज्य, धर्मनिरपेक्ष, ही मूल्ये राखतावी आहेत. स्वातंत्र्य, समता, लैंगिकता ही तान संरक्षण आहेत.

02 भारतीय संविधान हे धार्मिक स्वातंत्र्य व अक्रियेची स्वातंत्र्य जवळ नसते. नागरिकांच्या स्वातंत्र्य रक्षणे.

45.Attendance of Remedial Teaching:

Sonopant Dandekar Arts, V. S. Apte Commerce and M. H. Mehta Science College, Palghar. Department of Politics

Attendance Report of F.Y.B.A. Remedial Teaching – 2022-23

Subject Name: Politics-I (Indian Political System)

Time - 1:00 pm to 2:00 pm

Sr. No.	Name of Student Roll No.	Roll No.	Date & Signature	Date & Signature	Date & Signature	Date & Signature	Date & Signature	Date & Signature
1	Jyoti Pappu Varma	202						
2	Poonam Somnath Sawale	208						
3	Nikhil Ramchandra Somvanshi	211						
4	Prashant Sunil Bhavar	214						
5	Komal Damu Chavan	216						
6	Kumkum Prakash Solanki	232						
7	Mahima Mahendra Vishwakarma	235						
8	Samiksha Vikas Vaze	244						
9	Yash Krushna Bhosale	245						

10	Sanjana Vinod Gupta	254						
----	---------------------	-----	--	--	--	--	--	--

Signature
Head of the Department

Sonopant Dandekar Arts, V. S. Apte Commerce and M. H. Mehta Science College, Palghar.

Department of Politics

Attendance Report of F.Y.B.A. Remedial Teaching – 2022-23

Subject Name: Politics-I (Indian Political System) Time - 1:00 pm to 2:00 pm

Sr. No.	Name of Student Roll No.	Roll No.	Date & Signature	Date & Signature	Date & Signature	Date & Signature	Date & Signature	Date & Signature
			13/09/2022	20/09/2022	26/09/2022	27/09/2022	03/10/2022	04/10/2022
1	Jyoti Pappu Varma	202	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti
2	Poonam Somnath Sawale	208	Rawate	Rawate	Rawate	Rawate	Rawate	Rawate
3	Nikhil Ramchandra Somvanshi	211	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil
4	Prashant Sunil Bhavar	214	RB1192	AB	RB1192	RB1192	RB1192	RB1192
5	Komal Damu Chavan	216	Behavan	Behavan	Behavan	Behavan	Behavan	Behavan
6	Kumkum Prakash Solanki	232	Bolanki	Bolanki	Bolanki	AB	Bolanki	Bolanki
7	Mahima Mahendra Vishwakarma	235	Mahima	Mahima	Mahima	Mahima	Mahima	Mahima
8	Samiksha Vikas Vaze	244	S.V.Vaze	S.V.Vaze	S.V.Vaze	S.V.Vaze	S.V.Vaze	S.V.Vaze

9	Yash Krushna Bhosale	245	<u>Y.K.Bhosale</u>	<u>Y.K.Bhosale</u>	AB	<u>Y.K.Bhosale</u>	<u>Y.K.Bhosale</u>	<u>Y.K.Bhosale</u>
10	Sanjana Vinod Gupta	254	<u>S.V.Gupta</u>	<u>S.V.Gupta</u>	<u>S.V.Gupta</u>	<u>S.V.Gupta</u>	<u>S.V.Gupta</u>	<u>S.V.Gupta</u>


 Signature
 Head of the Department

**Sonopant Dandekar Arts, V. S. Apte Commerce and M. H. Mehta
Science College, Palghar.**


Department of Politics

Name of the Subject – Politics-I (Indian Political System)

Attendance of FYBA Remedial Teaching Test- 2022-23

Time - 1:00 pm to 2:00 pm

Sr. No.	Roll No.	Name of Student	Date & Signature
1	202	Jyoti Pappu Varma	26/10/2022 Jyoti
2	208	Poonam Somnath Sawale	Poonam
3	211	Nikhil Ramchandra Somvanshi	Nikhil
4	214	Prashant Sunil Bhavar	Prashant
5	216	Komal Damu Chavan	Komal
6	232	Kumkum Prakash Solanki	Kolanki
7	235	Mahima Mahendra Vishwakarma	Mahima
8	244	Samiksha Vikas Vaze	S.V. Vaze
9	245	Yash Krushna Bhosale	Y.V. Bhosale
10	254	Sanjana Vinod Gupta	S.V. Gupta


Signature
Head of the Department



Palghar, Maharashtra, India
Boisar - Palghar Rd, Maharashtra 401404, India
Lat 19.725513°
Long 72.763467°
06/10/22 02:01 PM GMT +05:30



GPS Map Camera

Remedial Teaching Report: 2022-23
Department of Politics

INDEX

Sr. No.	Particular	Page No.
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7	Attendance of Test	10
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10	List of Slow Learners	16
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NOTICE

Remedial Lectures

राज्यशास्त्र विभाग

राज्यशास्त्र विभागाने ज्या विद्यार्थ्यांना राज्यशास्त्र या विषयाचे आकलन होण्यात अडचणी येत असतील अशा **एम. ए भाग - I राज्यशास्त्र** च्या विद्यार्थ्यांसाठी प्रथम सत्राच्या अभ्यासक्रमावर आधारित रीमेडियल लेक्चर्स आयोजित केले आहेत. सदर लेक्चर्स **१५ नोव्हेंबर २०२२ ते ३० नोव्हेंबर २०२२** यादरम्यान घेण्यात येतील. या लेक्चर्सची वेळ **दुपारी १:०० ते २:०० वा.** यादरम्यान असेल. तरी संबंधित विद्यार्थ्यांनी सदर लेक्चर्सचे समन्वयक डॉ. तानाजी पोळ यांच्याशी संपर्क साधावा.

डॉ. तानाजी पोळ
विभाग प्रमुख
राज्यशास्त्र विभाग

NOTICE

Remedial Lectures Department of Politics

Department of Politics has organized remedial lectures based on the syllabus of the first semester for those students of M.A. **Politics Part I** who faced difficulties in understanding the subject of Politics. These lectures will be conducted **between 15th November, 2022 and 30th November, 2022**. The timing of these lectures will be **1:00 pm to 2:00 pm**. However, the concerned students should contact Dr. Tanaji Pol, Coordinator of the same.

Dr. Tanaji Pol
Head,
Department of Politics

46. Report of the Programme

Department of Politics, Sonopant Dandekar Arts College, V.S. Apte Commerce College and M.H. Mehta Science College, Palghar had organized remedial teaching programme for M.A. **Politics Part I** students between 15/11/2022 and 30/11/2022 for which 07 participants were present for the same.

The aim of the programme was to identify slow and fast learners so that it will help the students to improve their studies.

The lectures were conducted between 15/11/2022 and 30/11/2022 in Classroom No. J 4 by Dr. Tanaji Pol, Asst. Prof. Rutuja Raut and Asst. Prof. Madhura Raut.

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Co – Curriculum	Remedial Teaching	from 15/11/2022 and 30/11/2022	Classroom J 4	Dr. Tanaji Pol	07

Signature
Coordinator of the Programme
&
Head of the Department

47.Brochure:

Department of Politics

Remedial Teaching for M.A Politics : 2022 - 2023

Signature
Head of the Department

48.Syllabus

Name of the Subject:Politics

Syllabus for M.A Politics I Remedial Teaching

Sr. No	CONTENT
1	INDIAN GOVERNMENT AND POLITICS – PARTY SYSTEM AND ELECTORAL POLITICS
2	POLITICAL THEORY – APPROACHES
3	PUBLIC ADMINISTRATION – TRANSPARANCY AND ACCOUNTABILITY
4	INTERNATIONAL RELATIONS – DETERMINANTS OF IR
5	INDIAN GOVERNMENT AND POLITICS – CLASS, CASTE, TRIBE, AND GENDER
6	INTERNATIONAL RELATIONS – EMERGING WORLD ORDER

Signature
Head of the Department

49. Time Table

Name of the Subject – Politics
Class –M.A Part I

Date – 15/11/2022 to 30/11/2022

Day	Time	Classroom No.	Name of the Faculty
15/11/2022, Tuesday	1:00 pm to 2:00 pm	Classroom J 4	Dr. Tanaji Pol
16/11/2022, Wednesday	1:00 pm to 2:00 pm	Classroom J 4	Asst. Prof. Madhura Raut
21/11/2022, Monday	1:00 pm to 2:00 pm	Classroom J 4	Asst. Prof. Rutuja Raut
22/11/2022, Tuesday	1:00 pm to 2:00 pm	Classroom J 4	Asst. Prof. Rutuja Raut
28/11/2022, Monday	1:00 pm to 2:00 pm	Classroom J 4	Dr. Tanaji Pol
29/11/2022, Tuesday	1:00 pm to 2:00 pm	Classroom J 4	Asst. Prof. Rutuja Raut
30/11/2022, Wednesday	1:00 pm to 2:00 pm	Classroom J 4	Asst. Prof. Madhura Raut

Signature
Head of the Department

50. Test Paper of Remedial Teaching

**Sonopant Dandekar Arts, V. S. Apte Commerce and M. H. Mehta
Science College, Palghar.
Department of Politics**

M.A. Part I Remedial Teaching Test 2022 – 2023

Class – M.A. Part I

Room No. - Classroom J4

Time - 1:00 pm to 2:00 pm

Total Marks –20

	खालील सर्व प्रश्नांची उत्तरे द्या. Answer the following questions.	20 गुण
Q 1	खालील प्रश्न सोडवा. Answer the following questions.	10
A	भारतातील प्रादेशिक पक्षांची नावे सांगा. Write down the names of the regional parties in India.	
B	भारतीय राजकारणातील एक पक्ष प्रभुत्व पद्धती ही संकल्पना कुठल्या पक्षासाठी वापरली जाते? In Indian politics single party dominance refers to which political party's rule?	
C	स्त्रीवादी विचारवंतांची नावे सांगा. State the names of feminist thinkers.	
D	राजनयाचे विविध प्रकार अधोरेखित करा. Highlighter types of diplomacy.	
E	संघर्ष निराकारणाचे विविध तंत्रे किंवा पद्धती कोणत्या? What are the different mechanisms of conflict resolution?	

Q 2	कोणत्याही दोहोंवर टीप लिहा. Write Short Notes. (Any Two)	10
A	माहितीचा अधिकार Right to information	
B	राजकारणातील महिलांची भूमिका Role of women in politics	
C	दहशतवाद Terrorism	

Signature
Head of the Department

**Sonopant Dandekar Arts, V. S. Apte Commerce and M. H. Mehta
Science College, Palghar.
Department of Politics**

**Name of the Subject – Politics
Attendance of M.A Politics I Remedial Teaching Test- 2022-23
Time - 1:00 pm to 2:00 pm**

Sr. No.	Roll No.	Name of Student	Date & Signature
1	48006	Gavit Pratik Bharat	
2	48007	Barga Kailas Shankar	
3	48008	Sumada Darshana Sanjay	
4	48009	Dhapshi Rohit Surendra	
5	48010	More Akshay Sadanand	
6	48011	Gharat Mansi Harihar	
7	48013	Bhomate Aparna Suresh	

**Signature
Head of the Department**

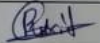
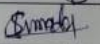
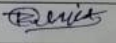

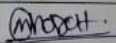
**Sonopant Dandekar Arts, V. S. Apte Commerce and M. H. Mehta
Science College, Palghar.**

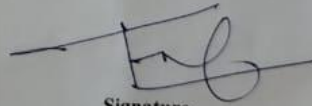
Department of Politics

Name of the Subject – Politics

Attendance of M.A Politics I Remedial Teaching Test- 2022-23

Time - 1:00 pm to 2:00 pm

Sr. No.	Roll No.	Name of Student	Date & Signature
1	48006	Gavit Pratik Bharat	
2	48007	Barga Kailas Shankar	K.s. Barga
3	48008	Sumada Darshana Sanjay	
4	48009	Dhapshi Rohit Surendra	
5	48010	More Akshay Sadanand	
6	48011	Gharat Mansi Harihar	
7	48013	Bhomate Aparna Suresh	A.S. Bhomate



Signature
Head of the Department

51.Overall Mark List

Mark List of Remedial Teaching Test

Name of the Subject –Politics

Class – M.A Part I

Date - 30/11/2022

Time - 1:00 pm to 2:00 pm

Sr. No.	Roll No.	Name of the Student	Total Marks Scored out of 20
1.	48006	Gavit Pratik Bharat	18
2.	48007	Barga Kailas Shankar	12
3.	48008	Sumada Darshana Sanjay	16
4.	48009	Dhapshi Rohit Surendra	09
5.	48010	More Akshay Sadanand	19
6.	48011	Gharat Mansi Harihar	17
7.	48013	Bhomate Aparna Suresh	09

Signature
Head of the Department

52.List of Fast Learners*

Note –

Fast Learners* - Those students who have scored more than 50% Marks

Sr. No.	Roll No.	Name of the Student	Total Marks Scored out of 20
1.	48006	Gavit Pratik Bharat	18
2.	48007	Barga Kailas Shankar	12
3.	48008	Sumada Darshana Sanjay	16
5.	48010	More Akshay Sadanand	19
6.	48011	Gharat Mansi Harihar	17

**Signature
Head,
Department of Politics**

48006

Sonopant Dandekar Arts, V. S. Apte Commerce and M. H. Mehta
Science College, Palghar.
Department of Politics

M.A. Part I Remedial Teaching Test 2022 - 2023

18
20

Class - M.A. Part I

Time - 1:00 pm to 2:00 pm

Room No. - Classroom J4

Total Marks - 20

खालील सर्व प्रश्नांची उत्तरे द्या. Answer the following questions.

20 गुण

Q 1 खालील प्रश्न सोडवा. Answer the following questions.

10

A भारतातील प्रादेशिक पक्षांची नावे सांगा. Write down the names of the regional parties in India.

02 तेलंग देसम, प्रमूक, शिवसेना, अकाली दल

B भारतीय राजकारणातील एक पक्ष प्रभुत्व पद्धती ही संकल्पना कुठल्या पक्षासाठी वापरली जाते? In Indian politics single party dominance refers to which political party's rule?

02 भारतीय राष्ट्रीय काँग्रेस पक्ष

C स्त्रीवादी विचारवंतांची नावे सांगा. State the names of feminist thinkers.

02 महात्मा फुले, श्रीमॉन-दि-बुआ

D राजनयाचे विविध प्रकार अधोरेखित करा. Highlighter types of diplomacy.

02 जुन। राजनय, नवा राजनय, परिपद राजनय
असदीय राजनय

E संघर्ष निराकारणाचे विविध तंत्रे किंवा पद्धती कोणत्या? What are the different mechanisms of conflict resolution?

02 सामुहिक सुरक्षिततेचे तत्व शांतिस्तेनांचा वापर

Q 2 कोणत्याही दोहोंवर टीप लिहा. Write Short Notes. (Any Two)

10

- A माहितीचा अधिकार Right to information
- B राजकारणातील महिलांची भूमिका Role of women in politics
- C दहशतवाद Terrorism

A) माहितीचा अधिकार : माहितीचा हा कायदा वर्षे प्रथम रवीडन या देशात अमलात आला. माहितीचा अधिकार हा अधिकार भारतीय संसदेने 2004 साली पारित करण्यात आला. भारतातील माहितीचा अधिकाराची अंमलबजावणी करणारे महाराष्ट्र हे पहिले राज्य होते. महाराष्ट्रात हा कायदा 2002 सालीच लागू केला गेला होता. माहितीचा अधिकार हा कायदा चाबू यासाठी अण्णा हजारे यांनी आंदोलन केले होते. माहितीचा अधिकार मार्फत जो कोणी माहिती मागवेल त्याला ती 30 दिवसांच्या आत द्यावी लागते. उक्त त्याला अपवाद म्हणजे राष्ट्राध्यक्ष, सुरक्षितते विषयीची गोपनीय माहिती पुरवण्यात येत नाही.

C) दहशतवाद : फुलाला मार व हजारेन। अयश्रीत कर। ही दहशतवादाची व्याख्या आहे. दहशतवाद ही राष्ट्राध्यक्ष अंतर्गत सुरक्षिततेला धोकादायक आहे. भारतात सर्वात महत्वाचे ठिकाण भारताची संसद यावर 2001 साली दहशतवादी हल्ला करण्यात आला होता. दहशतवादाच्या जास्तीत जास्त जीवित हानी घडवणे हाच उद्देश। असतो. 2008 साली असाच मोठा आत्मघाती हल्ला हा दहशतवादाची मुंबई येथे घडवून आणला होता.

53.List of Slow Learners*

Note –

Slow Learners* - Those students who have scored less than 50% Marks

Sr. No.	Roll No.	Name of the Student	Total Marks Scored out of 20
1.	48009	Dhapshi Rohit Surendra	09
2.	48013	Bhomate Aparna Suresh	09

**Signature
Head,
Department of Politics**

शील नं- 48009

Sonopant Dandekar Arts, V. S. Apte Commerce and M. H. Mehta
Science College, Palghar.

Department of Politics

M.A. Part I Remedial Teaching Test 2022 - 2023

Class - M.A. Part I

Time - 1:00 pm to 2:00 pm

Room No. - Classroom J4

Total Marks - 20

खालील सर्व प्रश्नांची उत्तरे द्या. Answer the following questions.

20 गुण

Q 1 खालील प्रश्न सोडवा. Answer the following questions.

10

A भारतातील प्रादेशिक पक्षांची नावे सांगा. Write down the names of the regional parties in India.

02 → शिवसेना, भाजप, अकाळी दल, द्रविड मुक्कम कळघम, तेलुगु द्दिशम

B भारतीय राजकारणातील एक पक्ष प्रभुत्व पद्धती ही संकल्पना कुठल्या पक्षासाठी वापरली जाते? In Indian politics single party dominance refers to which political party's rule?

02 → भारतीय राष्ट्रीय काँग्रेस पक्ष प्रभुत्व पद्धती हा आहे.

C स्त्रीवादी विचारवंतांची नावे सांगा. State the names of feminist thinkers.

01 → श्रीमान ही शुवा

D राजनयाचे विविध प्रकार अधोरेखित करा. Highlighter types of diplomacy.

02 → खुला राजनय, गुप्त राजनय, जुना राजनय, नवीन राजनय, सफर राजनय.

E संघर्ष निराकारणाचे विविध तंत्रे किंवा पद्धती कोणत्या? What are the different mechanisms of conflict resolution?

01 → आंगुष्ठिक, बुद्धिसिद्धे तत्व,

Q 2 कोणत्याही दोहोंवर टीप लिहा. Write Short Notes. (Any Two)

10

- A माहितीचा अधिकार Right to information
- B राजकारणातील महिलांची भूमिका Role of women in politics
- C दहशतवाद Terrorism

01
A) माहिती अधिकार - 2005 साली अस्तित्वात आला. तसेच माहितीच्या अधिकारासह विविध माहिती पुस्तके जाते. तसेच माहितीचा अधिकार अगोवा इतारे यांनी अस्तित्वात आणला

01
C) दहशतवाद - दहशतवाद म्हणजे एकाचा मारा आणि इतरांना अस्तिना भयमित करणे म्हणजे दहशतवाद होय. दहशतवादीना मोठे बोनसकार द्यावेत आणि व लोकांना महत्त भयमित वातावरण निर्माण करणे.

54.Attendance of Remedial Teaching:

**Sonopant Dandekar Arts, V. S. Apte Commerce and M. H. Mehta Science College, Palghar.
Department of Politics**

Attendance Report of M.A. Part I Remedial Teaching – 2022-23

Subject Name: Politics

Time - 1:00 pm to 2:00 pm

Sr. No.	Name of Student Roll No.	Roll No.	Date & Signature	Date & Signature	Date & Signature	Date & Signature	Date & Signature	Date & Signature
1	Gavit Pratik Bharat	48006						
2	Barga Kailas Shankar	48007						
3	Sumada Darshana Sanjay	48008						
4	Dhapshi Rohit Surendra	48009						
5	More Akshay Sadanand	48010						
6	Gharat Mansi Harihar	48011						
7	Bhomate Aparna Suresh	48013						

**Signature
Head of the Department**

9. Attendance of Remedial Teaching:

Sonopant Dandekar Arts, V. S. Apte Commerce and M. H. Mehta Science College, Palghar.

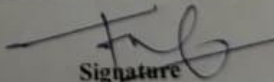
Department of Politics

Attendance Report of M.A. Part I Remedial Teaching – 2022-23

Subject Name: Politics

Time - 1:00 pm to 2:00 pm

Sr. No.	Name of Student Roll No.	Roll No.	Date & Signature	Date & Signature	Date & Signature	Date & Signature	Date & Signature	Date & Signature
1	Gavit Pratik Bharat	48006	<u>Pratik</u>	<u>Pratik</u>	<u>Pratik</u>	<u>Pratik</u>	<u>Pratik</u>	<u>Pratik</u>
2	Barga Kailas Shankar	48007	Kis. Barga	Kis. Barga	Kis. Barga	Kis. Barga	Kis. Barga	Kis. Barga
3	Sumada Darshana Sanjay	48008	<u>Sumada</u>	<u>Sumada</u>	<u>Sumada</u>	<u>Sumada</u>	<u>Sumada</u>	<u>Sumada</u>
4	Dhapshi Rohit Surendra	48009	<u>AB</u>	<u>AB</u>	<u>AB</u>	<u>AB</u>	<u>AB</u>	<u>AB</u>
5	More Akshay Sadanand	48010	<u>Amore</u>	<u>Amore</u>	<u>Amore</u>	<u>Amore</u>	<u>Amore</u>	<u>Amore</u>
6	Gharat Mansi Harihar	48011	<u>Mharat</u>	<u>Mharat</u>	<u>Mharat</u>	<u>Mharat</u>	<u>Mharat</u>	<u>Mharat</u>
7	Bhomate Aparna Suresh	48013	A.S.Bhomate	A.S.Bhomate	A.S.Bhomate	A.S.Bhomate	A.S.Bhomate	A.S.Bhomate


Signature
Head of the Department



Department of Rural Development

**Remedial Coaching
Report: 2022-23**

Department of Rural Development

Notice of Remedial Coaching

Department of Rural Development has organized remedial coaching for the F.Y.B.A. students those who are not successful in semester -I Examination in the subject of Rural Development. All the unsuccessful student are instructed to enrol their names for remedial coaching conducted by Dept. of Rural Development of the subject of Rural Development and attend the classes according to the schedule displayed by the department.

Prof. Prakash Gharat
Head of the Dept. R.D.

Prof. Mahesh Deshmukh
vice-Principal & IQAC
Coordinator

Dr. Kiran Save
Principal

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6	Attendance of Test	
7	Mark List	
8	List of Fast Learners	
9	List of Slow Learners	
10	Attendance of 6days Coaching	
11	Photographs	

Report of the Programme

Department of Rural Development, Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta Science College Palghar has taken remedial coaching for F.Y.B.A. student on -20/02/2023-to 27/02/2023 –17 Participants were Present for the same.

The Coaching was conducted for a period of one week 20/02/2023to 27/02/2023-in Room No. RD-1 by Prof. P. V. Gharat.

Type of Activity	Topic	Date & Time	Place of Event	Coordinator	Number of Participants
Lecture	Rural Development	20/02/2023	R-1	P.V.G.	17
Lecture	Importance of Rural Development	21/02/2023	R-1	P.V.G.	17
Lecture	Various Programs of Rural Development	22/02/2023	R-1	P.V.G.	16
Lecture	Rural Society Concepts	23/02/2023	R-1	P.V.G.	16
Lecture	Rural Social Institution- Family	24/02/2023	R-1	P.V.G.	17
Lecture	Caste , Class Concepts	25/02/2023	R-1	P.V.G.	16
Test	Test	27/02/2023	R-1	P.V.G	17

Coordinator of the Programme

Head of the Department

Brochure

**Sonopant Dandekar Arts, V.S. Apte Commerce & M.H. Mehta
Science College, Palghar.**

**Department of Rural Development
Remedial Coaching for F.Y.B.A. 2022-23**

Head of the Department

Syllabus

Sr. No.	Topic	Subtopic
1	Rural Development	A-Definition of Rural Development B-Nature and Scope of Rural Development C-Importance of Rural Development
2	Rural Society	A-Concept of Rural Society B-Characteristic of Society
3	Rural Institution	A-Family:-Concept & Nature b-Caste:-Concept & Type C-Class;- history

Time Table

Time table for Remedial Coaching

Class: F.Y.B.A.

Date:

Sr.No.	Date	Topic	Room No.
1	20/02/2023	Rural Development	R-1
2	21/02/2023	Importance of Rural Development	R-1
3	22/02/2023	Various Programs of Rural Development	R-1
4	23/02/2023	Rural Society	R-1
5	24/02/2023	Rural Institution Concept	R-1
6	25/02/2023	Family,Caste,Class	R-1
7	27/02/2023	Test	R-1

Test Paper for Remedial Coaching

Class :-

Time :- 1Hour

Marks :-

Room No. :-

प्रश्न.१ला :- खालील प्रश्नांची उत्तरे थोडक्यात लिहा.

१०

- १) ग्रामीण विकासाची संकल्पना स्पष्ट करा.
- २) ग्रामीण विकासाची वैशिष्ट्ये सांगा.
- ३) ग्रामीण विकासाची व्याप्ती स्पष्ट करा.
- ४) ग्राम पंचायतीची कोणतेही चार कार्ये सांगा
- ५) जाती संस्थेची व्याख्या करा.

प्रश्न २रा .खालील पैकी कोणत्याही दोन प्रश्नांची उत्तरे लिहा.

१०

- १) ग्रामीण विकासाचे महत्त्व सांगा .
- २) ग्रामीण समाजाचे स्वरूप स्पष्ट करा.
- ३) कुटुंब संस्थेची थोडक्यात माहिती द्या
- ४) सामाजिक बदलात सामाजिक संस्थेची भूमिका सांगा

SONOPANT DANDEKAR ARTS, V.S.APTE COMMERCE AND
M.H.MEHTA SCINCE COLLEGE PALGHAR

Remedial Coaching Day Wise Daily
Attendance sheet

Subject :- Rural Development

Date :-

Time :-

Class:- FYBA

Name of the Teacher :- Prof. Prakash Gharat

Sr. No.	Roll No.	Name of the student	Signature
1	29	DHODI KASHISH RAJU	KR Dhodi
2	57	GADGE AKASH AJAGAR	Akash
3	89	BHOIR ANKITA VANRAJ	Ankita
4	105	GAWAD NISHANT UMESH	N. Gmud
5	113	MERE NISHA PRAKASH	Nisha
6	132	TARE JATIN SURESH	Jatin
7	143	BHAVAR GAIRAV VISHNU	Gairav
8	162	PATIL RIYA HEMANT	Riya
9	171	HADAL VIPUL RAMESH	VR Hadal
10	173	GAWAD VIGHNRAJ MANOJ	V. Gaud
11	184	VAVARE LAKSHAN RAMACHANDRA	L. Vavare
12	186	SINGH MANISHA HARIVANSH	M. Singh
13	195	SARADAR KANCHAN KHITISH	K. Saradar
14	215	PATIL SHRUTIKA RAMADAS	S. Patil
15	30003	CHAUDHARI AJIT BHASKAR	A. Chaudhari
16	30010	GADAG DIPESH SURESH	D. Gadag
17	30037	PATIL VRUSHABH MAHENDRA	V. Patil

Head of the Department

Head of the Department

Overall Mark List

Mark List of Remedial Test Coaching

Date :-

Sr.No.	Roll No.	Name of the student	Marks
1	29	DHODI KASHISH RAJU	16
2	57	GADGE AKASH AJAGAR	14
3	89	BHOIR ANKITA VANRAJ	15
4	105	GAWAD NISHANT UMESH	07
5	113	MERE NISHA PRAKASH	09
6	132	TARE JATIN SURESH	09
7	143	BHAVAR GAIRAV VISHNU	12
8	162	PATIL RIYA HEMANT	15
9	171	HADAL VIPUL RAMESH	08
10	173	GAWAD VIGHNRAJ MANOJ	09
11	184	VAVARE LAKSHAN RAMACHANDRA	14
12	186	SINGH MANISHA HARIVANSH	16
13	232	SOLANKI KUMKUM PRAKASH	15
14	252	PATIL MEHUL VILAS	16
15	195	SARADAR KANCHAN KHITISH	18
16	30010	GADAG DIPESH SURESH	09
17	30037	PATIL VRUSHABH MAHENDRA	15

Signature

Head of the Department

List of Fast Learners

Fast Learners :- Those students who have scored more then 50% marks

Sr. No.	Roll .No.	Name of the student	MARKS
1	29	DHODI KASHISH RAJU	16
2	57	GADGE AKASH AJAGAR	14
3	89	BHOIR ANKITA VANRAJ	15
4	143	BHAVAR GAIRAV VISHNU	12
5	162	PATIL RIYA HEMANT	15
6	184	VAVARE LAKSHAN RAMACHANDRA	14
7	186	SINGH MANISHA HARIVANSH	16
8	195	SARADAR KANCHAN KHITISH	18
9	232	SOLANKI KUMKUMPRAKASH	15
10	252	PATIL MEHUL VILAS	16
11	30037	PATIL VRUSHABH MAHENDRA	15

Signature

Head of the Department

List of Slow Learners

Slow Learners:- Those student who have scored less then 50% Marks

Sr.No.	Roll . No.	Name of Student	Marks
1	105	GAWAD NISHANT UMESH	07
2	113	MERE NISHA PRAKASH	09
3	132	TARE JATIN SURESH	09
4	171	HADAL VIPUL RAMESH	08
5	173	GAWAD VIGHNRAJ MANOJ	09
6	30010	GADAG DIPESH SURESH	09

Head of the Department

**SONOPANT DANDEKAR ARTS, V.S.APTE COMMERCE AND
M.H.MEHTA SCINCE COLLEGE PALGHAR**

Attendance Report of Remedial Coaching (2022-2023)

Name of the Subject –Rural Development Class – F.Y.B. A

Sr. No.	Name of the Student	20/02/2023	21/02/2023	22/02/2023	23/02/2023	24/02/2023	25/02/2023	27/02/2023
1.	DHODI KASHISH RAJU	KRdha	KRdha	KRdha	KRdha	KRdha	KRdha	KRdha
2	GADGE AKASH AJAGAR	Ambr	Ambr	Ambr	Ambr	Ambr	Ambr	Ambr
3	BHOIR ANKITA VANRAJ	AVBha	AVBha	AVBha	AVBha	AVBha	AVBha	AVBha
4	GAWAD NISHANT UMESH	N Gaud	N Gaud	A	N Gaud	N Gaud	N Gaud	N Gaud
5	MERE NISHA PRAKASH	Nisha	Nisha	Nisha	Nisha	Nisha	Nisha	Nisha
6	TARE JATIN SURESH	Ambr	Ambr	Ambr	Ambr	Ambr	Ambr	Ambr
7	BHAVAR GAIRAV VISHNU	GvBha	GvBha	GvBha	A	GvBha	GvBha	GvBha
8	PATIL RIYA HEMANT	Riya	Riya	Riya	Riya	Riya	Riya	Riya
9	HADAL VIPUL RAMESH	VRHad	VRHad	VRHad	VRHad	VRHad	VRHad	VRHad
10	GAWAD VIGNRAJ MANOJ	VMGaud	VMGaud	VMGaud	VMGaud	VMGaud	VMGaud	VMGaud
11	VAVARE LAKSHAN RAMACHANDRA	Fank	Fank	Fank	Fank	Fank	Fank	Fank
12	SINGH MANISHA HARIVANSH	MHSing	MHSing	MHSing	MHSing	MHSing	MHSing	MHSing
13	SOLANKI KUMKUM PRAKASH	KsKum	KsKum	KsKum	KsKum	KsKum	A	KsKum
14	SINGH MANISHA HARIVANSH	SRPatil	SRPatil	SRPatil	SRPatil	SRPatil	SRPatil	SRPatil
15	PATIL MEHUL VILAS	Ambr	Ambr	Ambr	Ambr	Ambr	Ambr	Ambr
16	GADAG DIPESH SURESH	DS Gaud	DS Gaud	DS Gaud	DS Gaud	DS Gaud	DS Gaud	DS Gaud
17	PATIL VRUSHABH MAHENDRA	VMPatil	VMPatil	VMPatil	VMPatil	VMPatil	VMPatil	VMPatil

Head of the Department

Head of the Department

11. Photos



Department of zoology

Remedial Coaching Report: 2022-23

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NOTICE

Department of Zoology Remedial Lectures

Date: 25/08/2022

This notice is to inform that based on the results of the recent assessment of Semester-I exams. Remedial courses have been arranged for M.sc-II (Animal Physiology). This course is designed to provide additional support and help you improve your skills.

The course will begin on **01/09/2022** and will run for **10 days**. The classes will be held on **Thursday - Saturday** from **3:30 PM- 4:30 PM**, and the venue for the course is **Classroom 16**. Roll numbers of the students is displayed below the notice.

Attendance in the course is mandatory, and it is expected that students attend all classes. The course will cover a various range of topics, which will prove beneficial to you.

Roll numbers: 47013, 47016, 47017.



H.O.D. Zoology

Department of Zoology, Sonopant Dandekar Arts College, V.S. Apte Commerce College and M.H. Mehta Science College, Palghar has taken remedial coaching for M. B.sc students on **1st September 2022 to 11th September 2022**. 03 participants were present for the same.

The aim of the coaching was to identify slow and fast learners so that it will help the students to improve their studies. The Coaching was conducted for a period of one week **1st September 2022 to 11th September 2022** in Room No. 16 by Prof. Shruti H. Dalvi and Prof. Pooja Kini.

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Co – Curriculum	Remedial Coaching	From 1 st September 2022 to 11 th September 2022 3:30 PM to 4:30 PM	Classroom No. 16	Prof. Shruti H. Dalvi and Prof. Pooja Kini	03



Coordinator of the Programme



Head of the Department

2022-2023
Time table for remedial coaching
Name of subject zoology

Class – M.Sc II

Date- From 1st September to 11th September 2022

Sr.No.	Syllabus
1.	Concept of Osmoregulation
2.	Concept of Osmoregulation
3.	Concept of Rheology
4.	Concept of Rheology
5.	Concept of Biochemical adaptation
6.	Concept of Spectroscopy
7.	Concept of Chromatography
8.	Concept of Cellular physiology
9.	Concept of Anthropology
10.	Test


Head of the Department

2022-2023

Time table for remedial coaching

Name of subject zoology

Class – M.Sc II

Date- From 1st September to 11th September 2022

Day	Time	Classroom No	Topic
Thursday	3:30pm to 4:30pm	16	Concept of Osmoregulation
Friday	3:30pm to 4:30pm	16	Concept of Osmoregulation
Saturday	3:30pm to 4:30pm	16	Concept of Rheology
Monday	3:30pm to 4:30pm	16	Concept of Rheology
Tuesday	3:30pm to 4:30pm	16	Concept of Biochemical adaptation
Wednesday	3:30pm to 4:30pm	16	Concept of Spectroscopy
Thursday	3:30pm to 4:30pm	16	Concept of Chromatography
Friday	3:30pm to 4:30pm	16	Concept of Anthropology
Saturday	3:30pm to 4:30pm	16	Test



Head of the Department

Sonopant Dandekar College –Palghar
DEPT. OF ZOOLOGY
Remedial Course-
M.Sc Animal Physiology Test]

Q.1) Define the following in one sentence

(05)

- 1) Define Osmoregulation
- 2) Define Adaptation
- 3) Define Rheology
- 4) Define Chromatography
- 5) Define Spectroscopy

Q.2) Describe in detail

(15)

- 1) Explain about chromatography with its examples.
- 2) Write a note on Rheology
- 3) What is Physiology explain with example.

Sonopant Dandekar College – Palghar
DEPT.OF ZOOLOGY
Remedial Course - M.Sc. II (AP)[Test]
2022-2023

Sr. No	Roll No.	Signature
1.	47013	<i>[Handwritten Signature]</i>
2.	47016	<i>[Handwritten Signature]</i>
3.	47017	<i>[Handwritten Signature]</i>

[Handwritten Signature]

Teacher's Signature

Sonopant Dandekar College –Palghar
DEPT. OF ZOOLOGY
Remedial Course- [Test]
M.Sc-II Animal Physiology
2022-2023

Sr. No	Roll No.	Marks Obtained/20
1.	47013	13
2.	47016	07
3.	47017	18


Teacher's Signature

List of Fast Learners*

Note – Fast Learners* - Those students who have scored more than 50% Marks

Sr. No.	Roll no. of the Student	Total Marks Scored out of 20
1.	47013	13
2.	47017	18


Head of the Department

List of Slow Learners*

Note – Slow Learners* - Those students who have scored less than 50% Marks

Sr. No.	Name of the Student	Total Marks Scored out of 20
1.	47016	07



Head of the Department

GISTER

Remedial course.

No. of working days

MSc-II Physio

10/09
09/09
08/09
07/09
06/09
05/09
04/09
03/09
02/09

Remarks

P P A A P P P P

47013

P A P A P P P P

47016

P P P P A P A P

47017

Remedial Coaching Report: 2022-23

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NOTICE

Department of Zoology Remedial Lectures

Date: 25/08/2022

This notice is to inform that based on the results of the recent assessment of Semester-I exams. Remedial courses have been arranged for M.Sc.- I. This course is designed to provide additional support and help you improve your skills.

The course will begin on **01/09/2022** and will run for **10 days**. The classes will be held on **Thursday - Saturday** from **2:00 PM- 3:00 PM**, and the venue for the course is **Classroom 16**. Roll numbers of the students is displayed below the notice.

Attendance in the course is mandatory, and it is expected that students attend all classes. The course will cover a various range of topics, which will prove beneficial to you.

Roll numbers: 46005, 46007, 46008, 46011, 46025.



H.O.D. Zoology

Department of Zoology, Sonopant Dandekar Arts College, V.S. Apte Commerce College and M.H. Mehta Science College, Palghar has taken remedial coaching for M. B.sc students on **1st September 2022 to 11th September 2022**. 05 participants were present for the same.

The aim of the coaching was to identify slow and fast learners so that it will help the students to improve their studies. The Coaching was conducted for a period of one week **1st September 2022 to 11th September 2022** in Room No. 16 by Prof. Shruti H. Dalvi and Prof. Pooja Kini.

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Co – Curriculum	Remedial Coaching	From 1 st September 2022 to 11 th September 2022 2:00 PM to 3:00 PM	Classroom No. 16	Prof. Shruti H. Dalvi and Prof. Pooja Kini	05



Coordinator of the Programme



Head of the Department

2022-2023
Time table for remedial coaching
Name of subject zoology

Class – M.Sc I

Date- From 1st September to 11th September 2022

Sr.No.	Syllabus
1.	Concept of Ancestry
2.	Concept of Teretogenesis
3.	Concept of Aging
4.	Concept of Biotechnology
5.	Concept of Green Audit
6.	Concept of Sustainable Development
7.	Concept of Biological clock
8.	Concept of Chronobiology
9.	Concept of Anthropology
10.	Test


Head of the Department

2022-2023

Time table for remedial coaching

Name of subject zoology

Class – M.Sc I

Date- From 1st September to 11th September 2022

Day	Time	Classroom No	Topic
Thursday	2:00pm to 3:00pm	16	Concept of Ancestry
Friday	2:00pm to 3:00pm	16	Concept of Teretogenesis
Saturday	2:00pm to 3:00pm	16	Concept of Aging
Monday	2:00pm to 3:00pm	16	Concept of Biotechnology
Tuesday	2:00pm to 3:00pm	16	Concept of Green Audit
Wednesday	2:00pm to 3:00pm	16	Concept of Sustainable Development
Thursday	2:00pm to 3:00pm	16	Concept of Biological clock
Friday	2:00pm to 3:00pm	16	Concept of Anthropology
	2:00pm to 3:00pm	16	Test


Head of the Department

Sonopant Dandekar Shikshan Mandali
Department of Zoology
Bridge Course Test
M.Sc-I

Date:-25/02/2022
05 marks

Q.1) Answer in one sentence:

- 1) Define Deuterostomes.
- 2) Describe Maximum parsimony.
- 3) Define Capacitation.
- 4) Define Altruism.
- 5) Define Autonomous specification.

Q.2) Answer in brief: (Any 3)

15 marks

- 1) Define Fitch-Margoliash method.
- 2) Describe Respiratory system of clamworm.
- 3) Describe Reproductive system of Balanoglossus.
- 4) Explain Mechanism of fertilization
- 5) Describe Process of C-14 Carbon dating.


Sonopant Dandekar College – Palghar
DEPT.OF ZOOLOGY
Remedial Course - M.Sc. I [Test]
2022-2023

Sr. No	Roll No.	Signature
1.	46005	<i>A. Pawar</i>
2.	46007	<i>P. Pawar</i>
3.	46008	<i>J. Patil</i>
4.	46011	<i>P. Patil</i>
5.	46025	<i>A. Pawar</i>

[Handwritten Signature]
Teacher's Signature

Sonopant Dandekar College –Palghar
DEPT. OF ZOOLOGY
Remedial Course- M.Sc-I [Test]
2022-2023

Sr. No	Roll No.	Marks Obtained/20
1.	46005	07
2.	46007	11
3.	46008	15
4.	46011	13
5.	46025	08


Teacher's Signature

List of Fast Learners*

Note – Fast Learners* - Those students who have scored more than 50% Marks

Sr. No.	Roll no. of the Student	Total Marks Scored out of 20
1.	46007	11
2.	46008	15
3.	46011	13



Head of the Department

List of Slow Learners*

Note – Slow Learners* - Those students who have scored less than 50% Marks

Sr. No.	Name of the Student	Total Marks Scored out of 20
1.	46005	07
2.	46025	08

S. Deshpande

Head of the Department

Remarks

10/09/12
 09/09/12
 29/09/12
 08/09/12
 09/09/12
 09/09/12
 09/09/12
 09/09/12
 09/09/12
 09/09/12

P P P P P P P P	46005
P P P P P P P P	46007
P P P P P P P P	46008
P P P P P P P P	46011
P P P P P P P P	46025

Remedial Coaching Report: 2022-23

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NOTICE

Department of Zoology Remedial Lectures

Date: 25/08/2022

This notice is to inform that based on the results of the recent assessment of Semester-I exams. Remedial courses have been arranged for M.sc-II (Oceanography). This course is designed to provide additional support and help you improve your skills.

The course will begin on **01/09/2022** and will run for **10 days**. The classes will be held on **Thursday - Saturday** from **3:30 PM- 4:30 PM**, and the venue for the course is **Classroom 15**. Roll numbers of the students is displayed below the notice.

Attendance in the course is mandatory, and it is expected that students attend all classes. The course will cover a various range of topics, which will prove beneficial to you.

Roll numbers:47002, 47010, 47018, 47020.




H.O.D. Zoology

Department of Zoology, Sonopant Dandekar Arts College, V.S. Apte Commerce College and M.H. Mehta Science College, Palghar has taken remedial coaching for M. B.sc students on **1st September 2022 to 11th September 2022**. 04 participants were present for the same.

The aim of the coaching was to identify slow and fast learners so that it will help the students to improve their studies. The Coaching was conducted for a period of one week **1st September 2022 to 11th September 2022** in Room No. 15 by Prof. Shruti H. Dalvi and Prof. Pooja Kini.

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Co – Curriculum	Remedial Coaching	From 1 st September 2021 to 11 th September 2021 3:30 PM to 4:30 PM	Classroom No. 15	Prof. Shruti H. Dalvi and Prof. Pooja Kini	04



Coordinator of the Programme



Head of the Department

2022-2023
Time table for remedial coaching
Name of subject zoology

Class – M.Sc II

Date- From 1st September to 11th September 2023

Sr.No.	Syllabus
1.	Concept of Biological Oceanography
2.	Concept of Chemical Oceanography
3.	Concept of Physical Oceanography
4.	Concept of Aquaculture
5.	Concept of Brooder & Sexual Dimorphism
6.	Concept of Fish Anatomy
7.	Concept of Fish Culture
8.	Concept of Farm Engineering
9.	Concept of Fin Fish & Shell fish pathology
10.	Test


Head of the Department

2022-2023

Time table for remedial coaching

Name of subject zoology

Class – M.Sc II

Date- From 1st September to 11th September 2022

Day	Time	Classroom No	Topic
Thursday	3:30pm to 4:30pm	15	Concept of Osmoregulation
Friday	3:30pm to 4:30pm	15	Concept of Chemical Oceanography
Saturday	3:30pm to 4:30pm	15	Concept of Physical Oceanography
Monday	3:30pm to 4:30pm	15	Concept of Aquaculture
Tuesday	3:30pm to 4:30pm	15	Concept of Brooder & Sexual Dimorphism
Wednesday	3:30pm to 4:30pm	15	Concept of Fish Anatomy
Thursday	3:30pm to 4:30pm	15	Concept of Fish Culture
Friday	3:30pm to 4:30pm	15	Concept of Fin Fish & Shell fish pathology
Saturday	3:30pm to 4:30pm	15	Test



Head of the Department

Sonopant Dandekar College –Palghar
DEPT. OF ZOOLOGY
Remedial Course-
M.Sc Oceanography [Test]

Q.1) Define the following in one sentence

(05)

- 6) Define Aquaculture
- 7) Define Anatomy
- 8) Define Brooder
- 9) Define Dimorphism
- 10) Define Oceanography

Q.2) Describe in detail

(15)

- 4) Explain Farm engineering
- 5) Explain types of Chemical oceanography
- 6) Describe sexual diamorphism.

Sonopant Dandekar College – Palghar
DEPT.OF ZOOLOGY
Remedial Course - M.Sc. II (OC) [Test]
2022-2023

Sr. No	Roll No.	Signature
1.	47002	Madhav
2.	47010	Dr. Kamadi
3.	47018	Shanai T
4.	47020	Khav

Ami
Teacher's Signature

Sonopant Dandekar College –Palghar
DEPT. OF ZOOLOGY
Remedial Course- [Test]
M.Sc-II Oceanography
2022-2023

Sr. No	Roll No.	Marks Obtained/20
1.	47002	08
2.	47010	09
3.	47018	12
4.	47020	10


Teacher's Signature

List of Fast Learners*

Note – Fast Learners* - Those students who have scored more than 50% Marks

Sr. No.	Roll no. of the Student	Total Marks Scored out of 20
1.	47018	12
2.	47020	10



Head of the Department

List of Slow Learners*

Note – Slow Learners* - Those students who have scored less than 50% Marks

Sr. No.	Name of the Student	Total Marks Scored out of 20
1.	47002	08
2.	47010	09



Head of the Department

REGISTER

Remedial. course.

No. of working days

MSC-II Oceano.

10/09/21	09/09/21	21/09/21	22/09/21	23/09/21	24/09/21	25/09/21	26/09/21	27/09/21	Remarks
P	P	P	P	A	P	P	P	P	47002
P	P	P	A	P	P	P	A	P	47010
P	P	P	P	P	A	P	P	A	47018
P	P	P	A	P	P	P	P	P	47020

Remedial Coaching Report: 2022-23

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NOTICE

Department of Zoology Remedial Lectures


Date: 25/07/2022

This notice is to inform that based on the results of the recent assessment of Semester-I exams. Remedial courses have been arranged for T.Y B.sc. This course is designed to provide additional support and help you improve your skills.

The course will begin on **01/09/2022** and will run for **10 days**. The classes will be held on **Thursday - Saturday** from **2:00 PM- 3:00 PM**, and the venue for the course is **Classroom 15**. Roll numbers of the students is displayed below the notice.

Attendance in the course is mandatory, and it is expected that students attend all classes. The course will cover a various range of topics, which will prove beneficial to you.

Roll numbers:26196, 2706, 2681, 26154, 26162, 26190.


H.O.D. Zoology

Department of Zoology, Sonopant Dandekar Arts College, V.S. Apte Commerce College and M.H. Mehta Science College, Palghar has taken remedial coaching for T.Y B.sc students on from 1st September 2022 to 11th September 2022. 06 participants were present for the same.

The aim of the coaching was to identify slow and fast learners so that it will help the students to improve their studies.

The Coaching was conducted for a period of one week **1st September 2022 to 11th September 2022** in Room No. 15 by Prof. Shruti H. Dalvi and Prof. Pooja Kini.

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Co – Curriculum	Remedial Coaching	From 1 st September 2022 to 11 th September 2022 2:00 PM to 3:00 PM	Classroom No. 15	Prof. Shruti H. Dalvi and Prof. Pooja Kini	06



Coordinator of the Programme



Head of the Department

2022-2023
Time table for remedial coaching
Name of subject zoology

Class – T.Y.B.Sc

Date- From 1st September to 11th September 2022

Sr.No.	Syllabus
1.	Concept of Bioremediation
2.	Concept of Ecological modelling
3.	Concept of Oncology
4.	Concept of Immunization
5.	Concept of Tissue Culture
6.	Concept of Histology
7.	Concept of Toxicology
8.	Concept of Osteology
9.	Concept of Epidemiology
10.	Test


Head of the Department

2022-2023

Time table for remedial coaching

Name of subject zoology

Class – T.Y.B.Sc

Date- From 1st September to 11th September 2022

Day	Time	Classroom No	Topic
Thursday	2:00pm to 3:00pm	15	Concept of Bioremediation
Friday	2:00pm to 3:00pm	15	Concept of Ecological modelling
Saturday	2:00pm to 3:00pm	15	Concept of Oncology
Monday	2:00pm to 3:00pm	15	Concept of Immunization
Tuesday	2:00pm to 3:00pm	15	Concept of Tissue Culture
Wednesday	2:00pm to 3:00pm	15	Concept of Histology
Thursday	2:00pm to 3:00pm	15	Concept of Toxicology
Friday	2:00pm to 3:00pm	15	Concept of Osteology
Saturday	2:00pm to 3:00pm	15	Test


Head of the Department

Sonopant Dandekar College –Palghar
DEPT. OF ZOOLOGY
Remedial Course- T.Y.BSc [Test]

Q.1) Choose Correct option to fill in the blanks.

(05)

- 1) Study of blood is called _____ (Immunology, Haematology, Cell biology)
- 2) _____ basic unit of life. (Cell, Blood, Gene)
- 3) _____ Part of Microscope used for holding. (Eyepiece, Stage, Arm)
- 4) Hemichordates is an example of _____ animals. (non chordates, partially chordates, chordates)
- 5) Exclusive secretion of endocrine glands is called as _____ (enzyme, hormone, saliva)

Q.2) Describe in detail

(15)

- 1) Principle and parts of microscope
- 2) Concept of antigen and antibody
- 3) Composition of blood

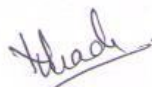
Sonopant Dandekar College – Palghar
DEPT. OF ZOOLOGY
Remedial Course - T.Y.B.Sc. [Test]
2022-2023

Sr. No	Roll No.	Signature
1.	26196	Shrihar
2.	2706	K. Mahadeo
3.	2681	V. Bhat
4.	26154	Jadhav
5.	26162	Vite
6.	26190	Bambare

J. G. S.
Teacher's Signature

Sonopant Dandekar College –Palghar
DEPT. OF ZOOLOGY
Remedial Course- T.Y.BSc [Test]
2022-2023

Sr. No	Roll No.	Marks Obtained/20
1.	26196	19
2.	2706	05
3.	2681	08
4.	26154	18
5.	26162	12
6.	26190	13


Teacher's Signature

List of Fast Learners*

Note – Fast Learners* - Those students who have scored more than 50% Marks

Sr. No.	Roll no. of the Student	Total Marks Scored out of 20
1.	26196	19
2.	26154	18
3.	26162	12
4.	26190	13



Head of the Department

List of Slow Learners*

Note – Slow Learners* - Those students who have scored less than 50% Marks

Sr. No.	Name of the Student	Total Marks Scored out of 20
1.	2706	05
2.	2681	08

HG

Head of the Department

Remedial course

ATTENDANCE

Std. T.Y.BSc.

for the month of September.

Roll No.	Name of the Student	01/09/22	02/09/22	03/09/22	05/09	06/09	07/09/22	08/09/22	09/09/22	11/09	12/09
26196		P	P	P	P	P	P	P	A	P	A
2706		P	P	P	P	P	P	P	A	P	A
2681		P	P	P	P	P	P	A	P	A	P
26154		P	P	P	P	P	A	P	P	A	P
26162		P	P	P	P	P	A	P	P	A	P
26190		P	P	P	P	P	A	P	P	A	P

Department of History



Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

[Best College - University of Mumbai]
(Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019')

महत्त्वाची सूचना

इतिहास विभाग

सर्व विद्यार्थ्यांना सूचित करण्यात येते कि प्रथम वर्षात इतिहास हा विषय घेतलेल्या कला शाखेतील विद्यार्थ्यांसाठी इतिहास विभागातर्फे दरवर्षी प्रमाणे 'इतिहास विषयाची थोडक्यात/संक्षिप्त ओळख' हा त्रिज कोर्स आयोजित करण्यात आलेला आहे. या कोर्ससाठी सर्व विद्यार्थ्यांची उपस्थिती अनिवार्य आहे. हा कोर्स १७ ऑगस्ट, २०२२ पासून २५ ऑगस्ट, २०२२ पर्यंत घेण्यात येईल. या कोर्सची वेळ आपले रेग्युलर लेक्चर्स झाल्यानंतर दुपारी १.०० ते २.०० वा. यादरम्यान असेल. कोर्सच्या पहिल्या व शेवटच्या दिवशी विद्यार्थ्यांची विषयाभिमुख परीक्षा घेतली जाईल. या कोर्सची उद्दिष्ट्ये पुढीलप्रमाणे आहेत:

१. ज्या विद्यार्थ्यांना कनिष्ठ महाविद्यालयात इतिहास हा विषय नव्हता त्यांना इतिहास विषयाची ओळख करून देणे.
२. इतिहासामधील विविध संकल्पना समजून घेणे.
३. इतिहास विषयातील करिअरच्या संधी समजून घेणे.
४. स्पर्धा परीक्षांसाठी इतिहास हा विषय इतर विषयांप्रमाणेच महत्त्वाचा असल्याने त्याची ओळख विद्यार्थ्यांना करून देणे.

या कोर्सचे समन्वयक सहा. प्रा. रामदास येडे असून कोर्ससंबंधित माहितीसाठी विद्यार्थ्यांनी त्यांच्याशी संपर्क साधावा.

सहा. प्रा. रामदास येडे

त्रिज कोर्स समन्वयक

इतिहास विभाग



Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

[Best College - University of Mumbai]

(Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019')

IMPORTANT NOTICE

Department of History

All the students are hereby informed that the Department of History has organized a bridge course viz. '**A Brief Introduction to History**' as every year for the students of Arts who have opted History as their subject in first year. Attendance of all FYBA-History students will be mandatory for this course. This course will be conducted from **August 17, 2022 to August 25, 2022**. The timing of this course will be between **1.00 pm and 2.00 pm** after your regular lectures. Subject oriented examination of students will be conducted on the first and the last day of the course.

The objectives of this course are as follows:

1. To introduce the students with the subject of history who did not have history as their subject in junior college
2. To understand various concepts in history
3. To understand Career Opportunities in History
4. To introduce the students the History subject since it is important as any other subject in competitive exams

For the further information regarding this course, the students should contact the Course Coordinator Asst. Prof. Ramdas Yede.

Asst. Prof. Ramdas Yede

Bridge Course Coordinator

Department of History

Department of History

Time Table

For Bridge Course

Day	Friday	Saturday	Monday	Tuesday	Wednesday	Thursday	Friday
Date	17/08/2022	18/08/2022	20/08/2022	22/08/2022	23/08/2022	24/08/2022	25/08/2022
Time	1.00 pm to 2.00 pm	1.00 pm to 2.00 pm	1.00 pm to 2.00 pm	1.00 pm to 2.00 pm	1.00 pm to 2.00 pm	1.00 pm to 2.00 pm	1.00 pm to 2.00 pm

Asst. Prof. Ramdas Yede

Bridge Course Coordinator

Department of History

Department Of History
Bridge Course Syllabus

Sr. No.	Topic
1	इतिहासाची ओळख/ Introduction to History
2	इतिहासाची साधने/ Sources of History
3	प्राचीन भारताचा इतिहास/ History of Ancient India
4	मध्ययुगीन भारताचा इतिहास/ History of Medieval India
5	आधुनिक भारताचा इतिहास/ History of Modern India
6	जगाचा इतिहास/ World History
7	उपयोजित इतिहास/ Applied History

Asst. Prof. Ramdas Yede
Bridge Course Coordinator
Department of History

Department Of History
Teaching Plan
For Bridge Course

Day	Topic	Name of Faculty
Friday	इतिहासाची ओळख/ Introduction to History; इतिहासाची साधने/ Sources of History	Asst. Prof. Ramdas Yede
Saturday	प्राचीन भारताचा इतिहास/ History of Ancient India	Asst. Prof. Ramdas Yede
Monday	मध्ययुगीन भारताचा इतिहास/ History of Medieval India	Asst. Prof. Ramdas Yede
Tuesday	आधुनिक भारताचा इतिहास/ History of Modern India	Asst. Prof. Ramdas Yede
Wednesday	जगाचा इतिहास/ World History	Asst. Prof. Ramdas Yede
Thursday	उपयोजित इतिहास/ Applied History	Asst. Prof. Ramdas Yede

Asst. Prof. Ramdas Yede
Bridge Course Coordinator
Department of History

Sonopant Dandekar College Palghar
Department of History
F.Y.B.A Bridge Course (Pre - Test) 2022 – 2023

खालील सर्व प्रश्नांची उत्तरे द्या. Answer the following questions

१० गुण

- 1 What was the trinity of the French Revolution? फ्रेंच राज्यक्रांतीने जगाला दिलेली त्रिसूत्री देणगी कोणती?
- 2 Who was the Founder of Mughal dynasty? मुघल घराण्याचा संस्थापक कोण?
- 3 When was the Indian National Congress founded? राष्ट्रीय सभेची स्थापना कधी झाली?
- 4 Which king of ancient India adopted Buddhism and renounced the war conquests? प्राचीन भारतातील कोणत्या राजाने बौद्ध धर्म स्वीकारून युद्ध विजयाचा त्याग केला?

- 5 Who is the architect of Indian Constitution? भारतीय राज्यघटनेचे शिल्पकार कोण?
- 6 Who led Salt Satyagraha? मिठाचा सत्याग्रह कोणी केला?
- 7 Who is the social reformer to open the first girls' school in India? भारतात मुलींची पहिली शाळा उघडणारे समाजसुधारक कोण?
- 8 Who built Taj Mahal? ताज महाल कोणी बांधला?
- 9 How many world wars in total have been fought till date? आजपर्यंत एकूण किती जागतिक महायुद्धे झाली?

10 Name any 3 revolutionaries from Indian freedom struggle. भारताच्या स्वातंत्र्य चळवळीतील तुम्हाला माहित असलेल्या कोणत्याही तीन क्रांतिकारकांची नावे सांगा.

Sonopant Dandekar College Palghar
Department of History
F.Y.B.A Bridge Course (Post - Test) 2022 – 2023

खालील सर्व प्रश्नांची उत्तरे द्या.

१० गुण

- 1 Who was Bal from Lal-Bal-Pal? Write his full name. लाल-बाल-पाल मधील बाल कोण? त्यांचे पूर्ण नाव सांगा.

- 2 Which Satyagraha Babasaheb Ambedkar led for the Right of Untouchables to get the entry into temples? अस्पृश्यांना मंदिर प्रवेशाचा अधिकार मिळावा म्हणून बाबासाहेब आंबेडकरांनी कोणता सत्याग्रह केला?

- 3 Mangal Pandey was a martyr from which revolt in Modern India? आधुनिक भारतातील कोणत्या उठावात मंगल पांडे शहीद झाला?

- 4 Who is the Father of Modern Indian Renaissance and social reforms? आधुनिक भारतीय प्रबोधनाचे व सामाजिक सुधारणांचे जनक कोण?
- 5 Who wrote 'Cultivator's Whipcord'? शेतक-याचा असूड हे पुस्तक कोणी लिहीले?
- 6 Where in Europe began the industrial revolution? युरोपमधील कोणत्या देशात औद्योगिक क्रांतीची सुरुवात झाली?
- 7 Which Mughal emperor encouraged toleration towards all religions by founding the new religion known as Din-i-ilahi? कोणत्या मुघल बादशहाने दिन-इ-इलाही हा नवीन धर्म स्थापन करून धार्मिक सहिष्णुतेला प्रोत्साहन दिले?
- 8 Whom did Kautilya guide and made him the Founder of the Mauryan dynasty? कौटिल्याने कोणाला मार्गदर्शन करून त्यास मौर्य घराण्याचा संस्थापक बनवले?

- 9 Which ancient Indian dynasty's age is described as golden age? प्राचीन भारतातील कोणत्या घराण्याच्या काळास सुवर्णयुग म्हटले जाते?
- 10 After which war Ashoka gave up on war policy and adopted Buddhism? कोणत्या युद्धानंतर राजा अशोकने युद्धाचा त्याग करून बौद्ध धर्म स्वीकारला

Sonopant Dandekar College Palghar
Department of History
2022-23

Incremental growth among slow-learners

Sr. No	Name of Student	Pre-Test Marks	Post-Test Marks
1	Pathak Atharv	07	08
2	Pagadhare Apurva	07	07
3	Sneha Bhoir	06	07
4	Prasanna Bhoir	07	08
5	Meher Richa	08	08
6	Arya Patil	06	08
7	Meher Tanisha	06	07
8	Mayuresh More	07	08
9	Ahere Prerana	08	08
10	Gayakar Sujata	08	08

Department of History

Bridge Course

2022-23

Sr. No.	Name of the Student	Date 17/08/2022	Date 18/08/2022	Date 20/08/2022	Date 22/08/2022	Date 23/08/2022	Date 24/08/2022
1.	Prerna Alure	Au	Au		Au		Au
2.	Anya Pahl	A.P			A.P	AP	AP
3.	Pathak Athar	Au	Au	Au	Au	Au	Au
4.	Sneha Bhoir	Bu	Bu	Bu	Bu		Bu
5.	Tramisha Meher	Lu	Lu		Lu	Lu	Lu
6.	Poojashree Arora	Au	Au		Au		Au
7.	Sujata Gorkar	Bu	B	B	B	B	B
8.	Meher Pacha	Bu	Bu		Bu	Bu	Bu

Sneha Bhoir

FYBA

Sonopant Dandekar College Palghar

Department of History

F.Y.B.A Bridge Course (Pre - Test) 2022 - 2023

06
10

खालील सर्व प्रश्नांची उत्तरे द्या. Answer the following questions.

१० गुण

1. What was the trinity of the French Revolution? फ्रेंच राज्यक्रांतीचे त्रिमूर्ति कोणत्या त्रिमूर्ती देण्याची कोणती?
जमीन
2. Who was the Founder of Mughal dynasty? मुघल सल्तनतचा संस्थापक कोण?
बबर
3. When was the Indian National Congress founded? राष्ट्रीय संघेची स्थापना कधी झाली?
1885
4. Which king of ancient India adopted Buddhism and renounced the war conquests? प्राचीन भारतातील कोणत्या राजाने बौद्ध धर्म स्वीकारून युद्ध विजयपथ त्याग केला?
अशोक राजा
5. Who is the architect of Indian Constitution? भारतीय राज्यघटनेचे विलेककार कोण?
डॉ. बाळशाहेर आंबेडकर

6. Who led Satyagraha? मिडिया सत्याग्रह कोणी नेला?

महात्मा गांधी

7. Who is the social reformer to open the first girls' school in India? भारतात मुलींची पहिली शाळा उघडणारे समाजसुधारक कोण?

जिजाबाई पुरंदी

8. Who built Taj Mahal? ताज महल कोणी बांधला?

शाहजहाँ

9. How many world wars in total have been fought till date? अजपर्यंत किती जागतिक महायुद्धे झाली?

3

10. Name any 3 revolutionaries from Indian freedom struggle. भारताच्या स्वातंत्र्य चळवळीतील तुम्हाला माहित असलेले कोणत्याही तीन क्रांतिकारकांची नावे सांगा.

Pathkar Atharv

FYBA

Sonopant Dandekar College Palghar

Department of History

F.V.B.A Bridge Course (Post - Test) 2022 - 2023

08
10

खालील सर्व प्रश्नांची उत्तरे द्या.

२० गुण

- 1 Who was Bal from La. Bal Pal? Write his full name. लाल-पाल-पाट मधील बाल कोण? त्याचे पूर्ण नाव द्या.

लाल हजारा दिवाक

- 2 Which Satyagraha Babasaheb Ambedkar led for the right of Untouchables to get the entry into temples? अस्पृश्यांना मंदिर प्रवेशाचा अधिकार मिळवून देण्यासाठी बाबसाहेब जेवढेकरांनी कोणता सत्याग्रह केला?

कमळेश्वर मंदिर

- 3 Mangal Pandey was a martyr from which revolt in Modern India? आधुनिक भारतातील कोणत्या क्रांतीत मंगल पांडे शहीद झाला?

१८५७ च्या क्रांती

- 4 Who is the Father of Modern Indian Renaissance and social reforms? आधुनिक भारतीय प्रबोधनवादी व सामाजिक सुधारणांचे जनक कोणता?

राजा राम मोहन ओय

- 5 Who wrote 'Cultivator's Whistle'? शेतीक-गात्रा असुड हे पुस्तक कोणी लिहीले?

जिजाबाई फुले

6. Where in Europe began the industrial revolution? युरोपमध्ये कोणत्या देशात औद्योगिक क्रांतीची सुरुवात झाली?

इंग्लंड

7. Which Mughal emperor encouraged to erat on towards all religions by founding the new relig or known as Din-i-Ilahi? कोणत्या मुघल बादशहाने दिन-इ-इलाही हा नवीन धर्म स्थापन करून धार्मिक सहिष्णुतेला प्रोत्साहन दिले?

8. Whom did Kautilya guide and made him the founder of the Maurya dynasty? कौटिल्याने कोणत्या मगधच्या राजाने कायद्याचा संस्थापक बनविला?

9. Which ancient Indian dynasty's age is described as golden age? प्राचीन भारतीय कोणत्या पराक्रमी राजांच्या सुवर्णयुगाचे वर्णन करते?

मौर्यांच्या काळात

10. After which war Ashoka gave up on war policy and accepted Buddhism? कोणत्या युद्धानंतर राजा अशोकाने युद्धाचा धर्म सोडून बौद्ध धर्म स्वीकारला?

कलिंग



Department of Accountancy



Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

[Best College - University of Mumbai]

(Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019')

Date: 27, July 2022

Department of Accountancy

NOTICE

Bridge Course

Bridge Course have been organized for the **F.Y.B.Com** students to act as buffer for new entrant with an objective to provide adequate time for transition to low level to high level in the subject of **Accountancy and Financial Management**. All the concerned **F.Y.B.Com** students are hereby informed to contact their respective teacher coordinators.

Features of the Course

1. To bridge the gap between subjects studied at Pre-university level and subjects they would be studying in Graduation
2. To Build confidence among the students
3. To have Interaction between Faculty and Students

Students may note that:

- It is mandatory for all the concerned students to attend Bridge Course.
- The Test will be conducted for the Bridge courses twice during the entire period.
- Attendance for both the tests is mandatory.

Prof. Prashant Kadam
Head

Department of Accountancy

BRIDGE COURSE

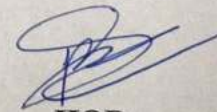
2022 – 2023

Time Table

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday
Date	22/08/2022	23/08/2022	24/08/2022	25/08/2022	26/08/2022	27/08/2022	29/08/2022
Time	1 pm to 1:50 pm	1 pm to 1:50 pm	1 pm to 1:50 pm	1 pm to 1:50 pm	1 pm to 1:50 pm	1 pm to 1:50 pm	1 pm to 1:50 pm
classroom	M-10	M-10	M-10	M-10	M-10	M-10	M-10

Name of the Faculty

1	Prof. Prashant S. Kadam
2	Prof. Jitendra Suresh Tiwari
3	Prof. Masum I. Mohammedwala



HOD

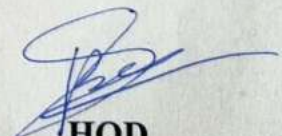
Department of Accountancy

BRIDGE COURSE

2022 - 2023

Bridge Course Syllabus

Sr. No.	Topic
1	Basic principal of Accounting
2	Modern Rules of Debit and Credit
3	Preparation of Ledgers and Subsidiary books
4	Ledger Scrutiny
5	Preparation of journal
6	Identification of Asset , liabilities, Income, expenses, profit and Losses
7	Methods of depreciation
8	Capital and Revenue Income & Expenditure
9	Issue of Shares / Debentures
10	Preparation of Trial Balance
11	Rectification of Error
12	Preparation of Simple Balance sheet



HOD

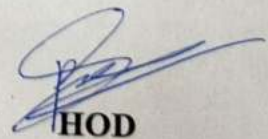
Department of Accountancy

BRIDGE COURSE

2022 - 2023

Teaching Plan

Date	Day	Topics
22/08/2022	Monday	Basic principal of Accounting
23/08/2022	Tuesday	Modern Rules of Debit and Credit
24/08/2022	Wednesday	Preparation of Ledgers and Subsidiary books Ledger Scrutiny Issue of Shares / Debentures
25/08/2022	Thursday	Identification of Asset , liabilities, Income, expenses, profit and Losses Capital and Revenue Income & Expenditure
26/08/2022	Friday	Methods of depreciation
27/08/2022	Saturday	Preparation of Trial Balance Rectification of Error
29/08/2022	Monday	Test



HOD

Department of Accountancy

DEPARTMENT OF ACCOUNTANCY

Bridge Course Day Wise

Daily Attendance Sheet (2022-23)


Subject – Financial Accounting

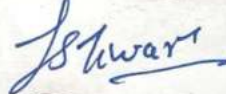
Date - _____ Time - _____


Class – F.Y.B.COM

Sr. No.	Name Of Student	22/08/2022	23/08/2022	24/08/2022	25/08/2022	26/08/2022	27/08/2022	29/08/2022
1	PATEL MUSHAHID SABDAR	Mushahid	Mushahid	Mushahid	Mushahid	Mushahid	Mushahid	Mushahid
2	VAZE RAHUL HEMANT	Rv.	Rv	Rv	Rv	Rv	Rv	Rv
3	TARE SANSKRUTI SANTOSH	Tare	Tare	Tare	Tare	Tare	Tare	Tare
4	PAWAR MAHESH UMESH	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar
5	NAYAK RAJVI RAMESH	Rayak	Rayak	Rayak	Rayak	Rayak	Rayak	Rayak
7	DESALE SAURABH BHUPENDRA	Saurabh	Saurabh	Saurabh	Saurabh	Saurabh	Saurabh	Saurabh
8	KINI MAYUR BABAN	Mayur	Mayur	Mayur	Mayur	Mayur	Mayur	Mayur
9	MESTRI SUJAL MOHAN	Mestri	Mestri	Mestri	Mestri	Mestri	Mestri	Mestri
10	NACHAN ZAARA ABDUKL KADIR	Zaara	Zaara	Zaara	Zaara	Zaara	Zaara	Zaara
11	PATIL MANALI PRAMOD	M.P. Patil	M.P. Patil	M.P. Patil	M.P. Patil	M.P. Patil	M.P. Patil	M.P. Patil
12	DHUMAL PRASAD LAHU	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad
13	GAWAD PARTH CHANDRAKANT	Parth	Parth	Parth	Parth	Parth	Parth	Parth
14	PATIL SAKSHI PANKAJ	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi
15	PATIL HARDIK SACHIN	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin
16	NIJAP BHAVARTH HEMANT	BhNijap	BhNijap	BhNijap	BhNijap	BhNijap	BhNijap	BhNijap
17	DALVI AMINA SARFARAZ	Dalvi	Dalvi	Dalvi	Dalvi	Dalvi	Dalvi	Dalvi
18	PAWAR SAURABH MANGESH	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar
19	GUPTA SNEHA SATYENDRA	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha
20	VINKAR ROHIT RAMESH	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit
21	TIWARI NEHA INDRAJIT	Neha	Neha	Neha	Neha	Neha	Neha	Neha
22	KINI VEDANT NILESH	Kini	Kini	Kini	Kini	Kini	Kini	Kini
23	GHARAT SAYAM PRALHAD	Sayam	Sayam	Sayam	Sayam	Sayam	Sayam	Sayam

24	PIRANI RIYAZ KARIM	Riyaz	Riyaz	Riyaz	Riyaz	Riyaz	Riyaz	Riyaz
25	VARTAK JAY SUNIL	Jay	Jay	Jay	Jay	Jay	Jay	Jay
26	SHAIKH SAHIL RABBANI	Sahil	Sahil	Sahil	Sahil	Sahil	Sahil	Sahil
27	SHAIKH TALIB IRFAN	Talib	Talib	Talib	Talib	Talib	Talib	Talib
28	MHATRE HARSH DHANANJAY	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh
29	RAUT RIYA PRASHANT	Riya	Riya	Riya	Riya	Riya	Riya	Riya
30	VALAVI BHAVIK SURESH	Bhavik	Bhavik	Bhavik	Bhavik	Bhavik	Bhavik	Bhavik

1. Prashant Keedam - 

2) Jitendra S. Tiwari 

3) Masum Mohammedali 



HOD

Department of Accountancy



F.Y.B.COM Bridge Course (Pre - Test) 2022 - 2023

Max Marks - 20

Q. 1 Answer all the questions (Each question carries two marks) 10

1. Explain Golden Rules of Accounting.
2. What do you mean by Bills Receivable?
3. What is Intangible Assets?
4. What do you mean by liabilities?
5. What is drawing?

Q. 2 Answer all the questions (Each question carries five marks) 10

1. What is Difference between Debtors and Creditor?
2. Explain the Types of Depreciation.

Bridge Course (Pre – Test)
Mark sheet (2022-23)

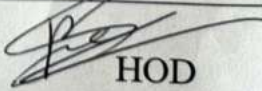
Subject – Financial Accounting

Date - _____

Time - _____

Class – F.Y.B.COM

Sr. No.	Name of Student	Signature
1	PATEL MUSHAHID SABDAR	16
2	VAZE RAHUL HEMANT	17
3	TARE SANSKRUTI SANTOSH	18
4	PAWAR MAHESH UMESH	20
5	NAYAK RAJVI RAMESH	13
7	DESALE SAURABH BHUPENDRA	08
8	KINI MAYUR BABAN	13
9	MESTRI SUJAL MOHAN	12
10	NACHAN ZAARA ABDUKL KADIR	16
11	PATIL MANALI PRAMOD	18
12	DHUMAL PRASAD LAHU	17
13	GAWAD PARTH CHANDRAKANT	19
14	PATIL SAKSHI PANKAJ	09
15	PATIL HARDIK SACHIN	07
16	NIJAP BHAVARTH HEMANT	09
17	DALVI AMINA SARFARAZ	05
18	PAWAR SAURABH MANGESH	04
19	GUPTA SNEHA SATYENDRA	06
20	VINKAR ROHIT RAMESH	17
21	TIWARI NEHA INDRAJIT	08
22	KINI VEDANT NILESH	18
23	GHARAT SAYAM PRALHAD	11
24	PIRANI RIYAZ KARIM	03
25	VARTAK JAY SUNIL	08
26	SHAIKH SAHIL RABBANI	09
27	SHAIKH TALIB IRFAN	08
28	MHATRE HARSH DHANANJAY	08
29	RAUT RIYA PRASHANT	05
30	VALAVI BHAVIK SURESH	08



HOD

Department of Accountancy

F.Y.B.COM Bridge Course (Post - Test) 2022 - 2023

Max Marks - 20

Q. 1 Answer all the questions (Each question carries two marks) 10

1. Explain modern rules of Debit and Credit
2. Difference between Double Entry and Single entry system
3. What is Accounting Standard? Who is Issue AS?
4. What do you mean by Company?
5. What do you mean by subscribed capital?

Q. 2 Answer all the questions (Each question carries five marks) 10

1. What do mean by Dissolution of Firm and Its Procedure
2. Explain Schedule III of Companies Act 2013

Bridge Course (Post – Test)
Mark sheet (2022-23)

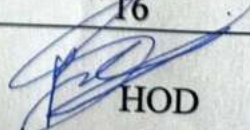
Subject – Financial Accounting

Date - _____

Time - _____

Class – F.Y.B.COM

Sr. No.	Name of Student	Signature Marks
1	PATEL MUSHAHID SABDAR	18
2	VAZE RAHUL HEMANT	19
3	TARE SANSKRUTI SANTOSH	20
4	PAWAR MAHESH UMESH	16
5	NAYAK RAJVI RAMESH	15
7	DESALE SAURABH BHUPENDRA	14
8	KINI MAYUR BABAN	16
9	MESTRI SUJAL MOHAN	14
10	NACHAN ZAARA ABDUKL KADIR	16
11	PATIL MANALI PRAMOD	18
12	DHUMAL PRASAD LAHU	19
13	GAWAD PARTH CHANDRAKANT	15
14	PATIL SAKSHI PANKAJ	16
15	PATIL HARDIK SACHIN	17
16	NIJAP BHAVARTH HEMANT	16
17	DALVI AMINA SARFARAZ	14
18	PAWAR SAURABH MANGESH	10
19	GUPTA SNEHA SATYENDRA	17
20	VINKAR ROHIT RAMESH	19
21	TIWARI NEHA INDRAJIT	13
22	KINI VEDANT NILESH	15
23	GHARAT SAYAM PRALHAD	18
24	PIRANI RIYAZ KARIM	10
25	VARTAK JAY SUNIL	17
26	SHAIKH SAHIL RABBANI	17
27	SHAIKH TALIB IRFAN	19
28	MHATRE HARSH DHANANJAY	16
29	RAUT RIYA PRASHANT	12
30	VALAVI BHAVIK SURESH	16


HOD
Department of Accountancy

BRIDGE COURSE

2022 - 2023

Incremental growth among slow learners

Sr. No.	Name of the Student	Pre Test Marks	Post Test Marks
1	PATIL SAKSHI PANKAJ	09	16
2	DESALE SAURABH BHUPENDRA	08	14
3	NIJAP BHAVARTH HEMANT	09	16
4	DALVI AMINA SARFARAZ	05	14
5	GUPTA SNEHA SATYENDRA	06	17
6	TIWARI NEHA INDRAJIT	08	13
7	GHARAT SAYAM PRALHAD	11	18
8	PIRANI RIYAZ KARIM	03	10
9	SHAIKH SAHIL RABBANI	09	17
10	SHAIKH TALIB IRFAN	08	19
11	RAUT RIYA PRASHANT	05	12
12	VALAVI BHAVIK SURESH	08	16



HOD

Department of Accountancy

Geo Tag Photos of Bridge Courses



[Signature]
30.08.22

Supplement No. _____

B-02
60001

Jr. Sup. Signature with Date

Supplement No.

Candidate's Seat No.

Date: _____

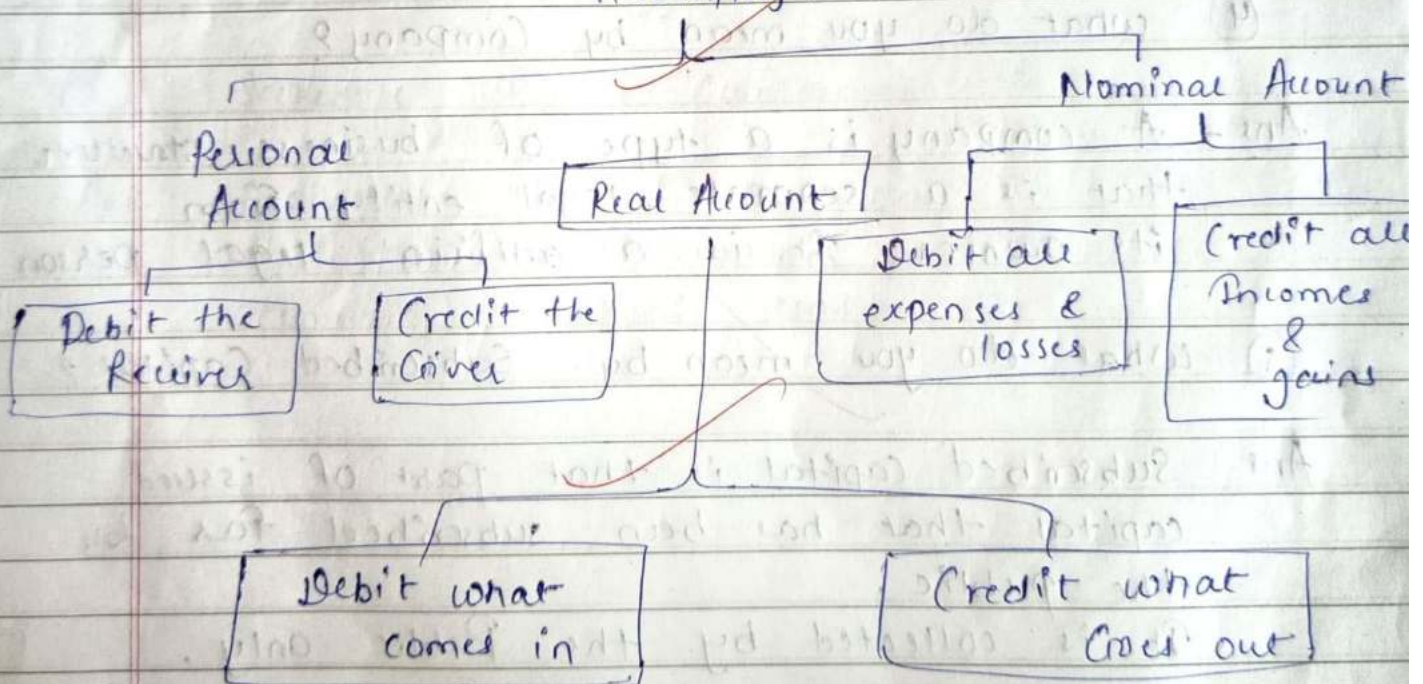
Class: _____

Subject: _____

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks													08

Q.1) Explain Modern Rules of Debit and Credit.

Ans. Golden Rules of Accounting.



2) Difference between Double entry and Single entry system.

Ans:- Single entry and double entry accounting are both methods of record-keeping for companies financial transaction data. Single entry

while double-entry accounting records each transaction twice, once as a debit and once as a credit.

③ what is Accounting standard ? who is issue AS ?

Ans - Accounting standards are authoritative standards for financial reporting and are the primary source of generally accepted accounting principles.
AS issued by under section 133 of the Companies Act 2013.

④ what do you mean by Company ?

Ans - A company is a type of business structure that is a separate legal entity from its owners. It is an artificial legal person.

⑤ what do you mean by Subscribed Capital ?

Ans - Subscribed capital is that part of issued capital that has been subscribed for by the public.
It is collected by the Public only.

(Q.2)

1) What do you mean by Dissolution of firm and its Procedure.

Ans. If a relationship between all the partners of firm is dissolved or firm is dissolved then it is known as dissolution of firm.

In case of dissolution of Partnership of firm, the firm ceases to exist.

2) Schedule III of Companies Act, 2013?

Ans. Schedule III of the Companies Act, 2013 provides the manner in which the company registered under

Page No. _____
Date _____

**Sonopant Dandekar Arts College, V. S. Apte Commerce College &
M. H. Mehta Science College & R. H. Save Arts, Seth C. J. Bhanushali Com. &
B. A. Dandekar Science Jr. College Palghar, Dist. Palghar.**

[Signature]
01.09.22

Supplement No. _____

B
6000

Jr. Sup. Signature with Date

Supplement No.

Candidate's Seat No.

Date: _____ Class: _____ Subject: _____

Q.No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks													19

(Q.1)

1. Explain Golden Rules of Accounting.

Ans. There are 3 golden Rules of Accounting.

1. Personal A/c

2. Real A/c

3. Nominal A/c

1.) Personal A/c

Debit the receiver

Credit the Giver

2) Real A/c

Debit what Comes in

Credit ~~at~~ what goes out

3. Nominal A/c

Debit all expenses and losses

Credit all Income and gains

2. What do you mean by bills Receivable?

Ans. Bill of exchange Receivable is an instrumental document. Bills Receivable is a bill that is Receivable from debtor. It is arisen when transaction is carried on credit Basis.

3) What is Intangible Assets ?

Ans. Intangible assets is a type of assets. Intangible assets are not seen physically.

There are many type of Intangible assets like - Goodwill, Patent, copywrite, etc.

These intangible assets are most essential and important from the point of each and every organisation.

4) What do you mean by Liabilities ?

Ans. Liabilities are the one type of due, which is Payable in future.

There are many liabilities such as Bills Payable, creditors, Bank overdraft, Debenture etc.

These are some liabilities which are payable in future by any company or organisation.

5) What is drawing ?

Ans. Drawing means any assets or income of the company or organisation is used for Personal use -

for e.g. Partner of a company or Owner of a company or organisation is using the assets and incomes of the company for his personal benefits is called Drawing.

Q. 2)

① what is difference between Debtors and Creditor?

Ans: Debtors means the person from whom we have to collect money in future. They are debtor for the organisation or company.

For. e.g. 'A' is the person and he purchase goods from ~~the~~ ABC Ltd. Suresh on credit basis. So 'A' is the Debtor for Suresh because 'A' is going to pay the amt. to Suresh in future.

Many big organisation and company maintain Reserve ~~for~~ to minimise ~~his~~ their debtors.

Creditors means the Person ~~for~~ to who we have to pay money in future. They are Creditor for the organisation or company or for a Particular Person.

For. e.g. Meena is the Person and she Purchases Goods from Neha on Credit basis. So for Meena Neha is the creditor because Neha is the Person to who meena have to pay the amount for Credit transaction.

Department of Biotechnology

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DIST: PALGHAR 401404 Tel: (02525) 252163**

Date: 15/08/22

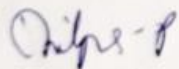
NOTICE (2022-23)

Please be informed that the Bridge Course for the students of F.Y.B.Sc. Biotechnology will be conducted for the below mentioned students as follows:

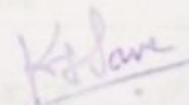
Date	Time	Name of the students
17/08/2022 (Wednesday)	9:00 AM to 10:00 AM 3:30 PM to 5:00 PM	1. BHUSARA ANJALI MADHUKAR 2. KUMBHAR SHREYA SANDEEP 3. GADE ISHA DATTATRAY 4. DHANU VISHWAMBHARA SANTOSH
20/08/2022 (Saturday)	9:00 AM to 10:00 AM 3:30 PM to 5:00 PM	5. KHOT GAURANGI KISAN 6. NAYAK PUSHKAR AMAR
22/08/2022 (Monday)	9:00 AM to 10:00 AM 3:00 PM to 4:00 PM	7. KUSHWAHA VIJAY OMPRAKSH 8. KUSHWAHA AJAY SHARADA 9. SINGH SAPNA ARVIND
23/08/2022 (Tuesday)	9:00 AM to 10:00 AM 3:00 PM to 4:00 PM	10. MISTRY VANSHITA DEVENDRA 11. CHATURVEDI PRIYANSHU RAJESH
24/08/2022 (Wednesday)	9:00 AM to 10:00 AM 3:00 PM to 4:00 PM	12. CHAUDHARI SIDDHARTH KAUSHAL
25/08/2022 (Thursday)	9:00 AM to 10:00 AM 3:00 PM to 4:00 PM	13. JAISWAR DEEPAK MAHENDRA 14. KAMBLE SMIT RAJESH 15. RAO SUNEETA RAMKRIPAL
26/08/2022 (Friday)	9:00 AM to 10:00 AM 3:00 PM to 4:00 PM	16. JAIN DHAIRIYA VINOD 17. CHAUHAN MANSI RAJENDRA 18. SINGH KHUSHI KAMLAKAR 19. DAWANE KANHAN KISHAN

Please Note:

- It is mandatory for all the concerned students to attend Bridge Course sessions.



Dr. Shilpa Gharat
HOD, Biotechnology



Dr. Kiran Save
Principal

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DIST: PALGHAR 401404 Tel: (02525) 252163**

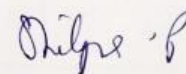
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DIST: PALGHAR 401404 Tel: (02525) 252163**

**BRIDGE COURSE
Department of Biotechnology
A.Y. 2022-23**

TIME TABLE FOR THE BRIDGE COURSE

Name of the Teacher: Asst. Prof. Deepali Mali

Date	Time
17/08/2022 (Wednesday)	9:00 AM to 10:00 AM 3:30 PM to 5:00 PM
20/08/2022 (Thursday)	9:00 AM to 10:00 AM 3:30 PM to 5:00 PM
22/08/2022 (Monday)	9:00 AM to 10:00 AM 3:00 PM to 4:00 PM
23/08/2022 (Tuesday)	9:00 AM to 10:00 AM 3:00 PM to 4:00 PM
24/08/2022 (Wednesday)	9:00 AM to 10:00 AM 3:00 PM to 4:00 PM
25/08/2022 (Thursday)	9:00 AM to 10:00 AM 3:00 PM to 4:00 PM
26/08/2022 (Friday)	9:00 AM to 10:00 AM 3:00 PM to 4:00 PM



Dr. Shilpa Gharat
HOD, Biotechnology

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**BRIDGE COURSE
Department of Biotechnology
A.Y. 2022-23**

Objectives of the course:

It will intend to bridge the gap between subjects studied at Pre-university level and subjects they would be studying in Graduation. It will help the learner to improve the basic skill and techniques in Biotechnology.

Eligibility: Prerequisite course for Students without Mathematics at XI & XII standard

Duration of course: 15 Lectures (900 mins)/Class

Bridge Course in Mathematics and Statistics for Biotechnology

UNIT	UNIT NAME	TOPICS	LECTURES/ HRS.
1	Basic Probability	1. Introduction: Sample Space and Events 2. Axioms of Probability and simple examples	4
2	Preliminary: Descriptive statistics	1. Introduction 2. Frequency Tables, Histograms 3. Measures of Central tendency : Mean and Median 4. Measures of Dispersion: Variance and Standard deviation.	6
3	Calculus	1. Differential calculus (limits, derivatives) 2. Integral calculus (integrals, sequences and series etc.).	5

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**BRIDGE COURSE
Department of Biotechnology
A.Y. 2022-23**

TEACHING PLAN

Date	Portion	
	Lecture 1	Lecture 2
17/08/2022 (Wednesday)	Sample Space and Events	Axioms of Probability
20/08/2022 (Thursday)	Properties of Limits & Examples	Probability- Examples
22/08/2022 (Monday)	Derivatives- Rules and Formulas	Introduction to Statistics
23/08/2022 (Tuesday)	Derivatives- Examples	Integrals- Types and Formulae
24/08/2022 (Wednesday)	Frequency Tables with examples	Mean and Median
25/08/2022 (Thursday)	Histograms with examples	Variance
26/08/2022 (Friday)	Sequences And Series	Standard deviation

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**BRIDGE COURSE
Department of Biotechnology
A.Y.2022-23**

Day Wise Daily Attendance

ATTENDANCE FOR BRIDGE COURSE 2022-23

Subject – Biotechnology

Class – F.Y.BIOTECH

Sr. No.	Roll.No	Name of Student	17/08/2022	20/08/2022	22/08/2022	23/08/2022	24/08/2022	25/08/2022	26/08/2022
1	93002	BHUSARA ANJALI MADHUKAR	P	P	P	P	P	P	P
2	93004	KUMBHAR SHREYA SANDEEP	P	A	P	P	P	P	P
3	93006	GADE ISHA DATTATRAY	P	P	P	P	P	P	P
4	93008	DHANU VISHWAMBHARA SANTOSH	P	P	P	A	P	P	P
5	93024	KHOT GAURANGI KISAN	P	A	P	P	P	P	P
6	93025	NAYAK PUSHKAR AMAR	P	P	P	P	P	P	P
7	93029	KUSHWAHA VIJAY OMPRAKSH	P	P	A	P	P	P	P
8	93030	KUSHWAHA AJAY SHARADA	A	P	P	A	P	P	P
9	93032	SINGH SAPNA ARVIND	P	P	P	P	P	P	P
10	93034	MISTRY VANSHITA DEVENDRA	P	A	P	P	P	P	P
11	93037	CHATURVEDI PRIYANSHU RAJESH	P	P	P	P	P	P	P
12	93040	CHAUDHARI SIDDHARTH KAUSHAL	P	P	P	A	P	P	P
13	93051	JAIWAR DEEPAK MAHENDRA	P	A	P	P	P	P	P
14	93054	KAMBLE SMIT RAJESH	P	P	P	P	P	P	P
15	93055	RAO SUNEETA RAMKRIPAL	P	A	A	P	A	P	P
16	93056	JAIN DHAIRIYA VINOD	P	P	P	P	P	P	P
17	93058	CHAUHAN MANSI RAJENDRA	P	P	P	A	P	P	P
18	93065	SINGH KHUSHI KAMLAKAR	P	A	P	P	P	P	P
19	93066	DAWANE KANCHAN KISHAN	P	P	P	P	P	P	P

Head of Department
Dept. of Biotechnology

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DIST: PALGHAR 401404 Tel: (02525) 252163**

BRIDGE COURSE

Department of Biotechnology

A.Y.2022-23

BRIDGE COURSE QUESTION PAPER

BRIDGE COURSE
Department of Biotechnology
A.Y. 2022-23

F.Y. BIOTECHNOLOGY BRIDGE COURSE QUESTION PAPER

Max Marks - 50

Q. 1 Answer all the questions (Each question carries five marks)

50

1. Let the function $f: \mathbb{R} \rightarrow \mathbb{R}$ be defined by $f(x) = \cos x$ for all $x \in \mathbb{R}$. Show that f is neither one-one nor onto.
2. Find dy/dx when x and y are connected by the relation: $\sec(x+y) = xy$
3. Differentiate $8x/x^8$ with respect to x .
4. Find the Cartesian equation of the line which passes through the point $(-2, 4, -5)$ and is parallel to the line $x+3=4-y=5+z+8$
5. A bag contains 4 white, 5 black and 7 red balls. From the bag, two balls are drawn at random. Calculate the probability that both the balls are white balls.
6. Using integration, find the area enclosed by the parabola $4y = 3x^2$ and the line $2y = 3x + 12$.
7. A couple has 3 children. Find the probability that both are boys, if it is known that (i) one of them is a boy (ii) the older child is a boy.
8. Assume that each born child is equally likely to be a boy or a girl. If a family has two children, then what is the conditional probability that both are girls? Given that (i) the youngest is a girl? (ii) at least one is a girl?
9. Consider the experiment of tossing a coin. If the coin shows head, toss it again, but if it shows tail, then throw a die. Find the conditional probability of the event that 'the die shows a number greater than 4', given that 'there is at least one tail'.
10. Form the differential equation representing the family of curves $y = a \sin(x+b)$, where a, b are arbitrary constants.

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**BRIDGE COURSE
Department of Biotechnology
A.Y. 2022-23
MARKSHEET**

Class: F. Y. B.Sc. - Biotechnology

Sr. No.	Roll.No.	Names of Students	Marks (50)
1	93002	BHUSARA ANJALI MADHUKAR	40
2	93004	KUMBHAR SHREYA SANDEEP	42
3	93006	GADE ISHA DATTATRAY	38
4	93008	DHANU VISHWAMBHARA SANTOSH	36
5	93024	KHOT GAURANGI KISAN	28
6	93025	NAYAK PUSHKAR AMAR	37
7	93029	KUSHWAHA VIJAY OMPRAKSH	44
8	93030	KUSHWAHA AJAY SHARADA	39
9	93032	SINGH SAPNA ARVIND	35
10	93034	MISTRY VANSHITA DEVENDRA	46
11	93037	CHATURVEDI PRIYANSHU RAJESH	36
12	93040	CHAUDHARI SIDDHARTH KAUSHAL	38
13	93051	JAIWAR DEEPAK MAHENDRA	42
14	93054	KAMBLE SMIT RAJESH	44
15	93055	RAO SUNEETA RAMKRIPAL	30
16	93056	JAIN DHAIRIYA VINOD	46
17	93058	CHAUHAN MANSI RAJENDRA	38
18	93065	SINGH KHUSHI KAMLAKAR	44
19	93066	DAWANE KANHAN KISHAN	40

Dr. Shilpa M. Gharat

**Dr. Shilpa M. Gharat
(Head of the Department)**

Prof. Deepali Mali

**Prof. Deepali Mali
(Lecturer in Mathematics)**



Sonopant Dandekar Shikshan Mandali's

**SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE
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Tal. Palghar, Dist. Palghar, Pin - 401 404.

Code : (02525) 252163, Prin : 252317 • Resi : 252316

website : www.sdsmcollege.com • Email: sdsmcollege@yahoo.com
(NAAC Reaccredited 'B' Grade)

Ref. No. :

Date : 03/04/2023

CERTIFICATE

This is to certify that Ms. Gade Isha Dattatray is a bonafide student of this college, studying in F.Y.B.Sc.-Biotechnology class during the academic year 2022-23.

As she has not offered Mathematics and Statistics as one of the optional Subjects at H.S.C.(Std.XII), she has undergone a course on Mathematics and Statistics of 15 hours duration, which is one of the conditions for admission to F.Y.B.Sc.-Biotechnology, under my guidance.

I hereby certify that, Ms. Gade Isha Dattatray satisfactorily completed said course of 15 hours duration during the year 2022-23.

(Prof. Deepali Mali)
Lecturer in Mathematics

(Dr.K.J.Save)
Principal

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Ref. No. :

Date : 03/04/2023

CERTIFICATE

This is to certify that Ms. Jain Dhairiya Vinod is a bonafide student of this college, studying in F.Y.B.Sc.-Biotechnology class during the academic year 2022-23.

As she has not offered Mathematics and Statistics as one of the optional Subjects at H.S.C.(Std.XII), she has undergone a course on Mathematics and Statistics of 15 hours duration, which is one of the conditions for admission to F.Y.B.Sc.-Biotechnology, under my guidance.

I hereby certify that, Ms. Jain Dhairiya Vinod satisfactorily completed said course of 15 hours duration during the year 2022-23.

(Prof. Deepali Mali)
Lecturer in Mathematics

(Dr. K. J. Save)
Principal

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Ref. No.:

Date : 03/04/2023

CERTIFICATE

This is to certify that Ms. Chauhan Mansi Rajendra is a bonafide student of this college, studying in F.Y.B.Sc.-Biotechnology class during the academic year 2022-23.

As she has not offered Mathematics and Statistics as one of the optional Subjects at H.S.C.(Std.XII), she has undergone a course on Mathematics and Statistics of 15 hours duration, which is one of the conditions for admission to F.Y.B.Sc.-Biotechnology, under my guidance.

I hereby certify that, Ms. Chauhan Mansi Rajendra satisfactorily completed said course of 15 hours duration during the year 2022-23.

(Prof. Deepali Mali)
Lecturer in Mathematics

(Dr.K.J.Save)
Principal

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(NAAC Reaccredited 'B' Grade)

Ref. No. :

Date : 03/04/2023

CERTIFICATE

This is to certify that Ms. Singh Sapana Arvind is a bonafide student of this college, studying in F.Y.B.Sc.-Biotechnology class during the academic year 2022-23.

As she has not offered Mathematics and Statistics as one of the optional Subjects at H.S.C.(Std.XII), she has undergone a course on Mathematics and Statistics of 15 hours duration, which is one of the conditions for admission to F.Y.B.Sc.-Biotechnology, under my guidance.

I hereby certify that, Ms. Singh Sapana Arvind satisfactorily completed said course of 15 hours duration during the year 2022-23.

(Prof. Deepali Mali)
Lecturer in Mathematics

(Dr.K.J.Save)
Principal

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(NAAC Reaccredited 'B' Grade)

Ref. No. :

Date : 03/04/2023

CERTIFICATE

This is to certify that Ms. Khot Gaurangi Kisan is a bonafide student of this college, studying in F.Y.B.Sc.-Biotechnology class during the academic year 2022-23.

As she has not offered Mathematics and Statistics as one of the optional Subjects at H.S.C.(Std.XII), she has undergone a course on Mathematics and Statistics of 15 hours duration, which is one of the conditions for admission to F.Y.B.Sc.-Biotechnology, under my guidance.

I hereby certify that, Ms. Khot Gaurangi Kisan satisfactorily completed said course of 15 hours duration during the year 2022-23.

(Prof. Deepali Mali)
Lecturer in Mathematics

(Dr.K.J.Save)
Principal

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Ref. No. :

Date : 03/04/2023

CERTIFICATE

This is to certify that Mr. Jaiswar Deepak Mahendra is a bonafide student of this college, studying in F.Y.B.Sc.-Biotechnology class during the academic year 2022-23.

As he has not offered Mathematics and Statistics as one of the optional Subjects at H.S.C.(Std.XII), she has undergone a course on Mathematics and Statistics of 15 hours duration, which is one of the conditions for admission to F.Y.B.Sc.-Biotechnology, under my guidance.

I hereby certify that, Mr. Jaiswar Deepak Mahendra satisfactorily completed said course of 15 hours duration during the year 2022-23.

(Prof. Deepali Mali)
Lecturer in Mathematics

(Dr.K.J.Save)
Principal

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Code: (02525) 252163, Prin 252317 • Resi - 252318

website : www.sdsmcollege.com • Email: sdsmcollege@yahoo.com
(NAAC Reaccredited 'B' Grade)

Ref. No. :

Date : 03/04/2023

CERTIFICATE

This is to certify that Mr. Kushwaha Ajay Sharada is a bonafide student of this college, studying in F.Y.B.Sc.-Biotechnology class during the academic year 2022-23.

As he has not offered Mathematics and Statistics as one of the optional Subjects at H.S.C.(Std.XII), she has undergone a course on Mathematics and Statistics of 15 hours duration, which is one of the conditions for admission to F.Y.B.Sc.-Biotechnology, under my guidance.

I hereby certify that, Mr. Kushwaha Ajay Sharada satisfactorily completed said course of 15 hours duration during the year 2022-23.

(Prof. Deepali Mali)
Lecturer in Mathematics

(Dr.K.J.Save)
Principal

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(NAAC Reaccredited 'B' Grade)

Ref. No. :

Date : 03/04/2023

CERTIFICATE

This is to certify that Mr. Nayak Pushkar Amar is a bonafide student of this college, studying in F.Y.B.Sc.-Biotechnology class during the academic year 2022-23.

As he has not offered Mathematics and Statistics as one of the optional Subjects at H.S.C.(Std.XII), she has undergone a course on Mathematics and Statistics of 15 hours duration, which is one of the conditions for admission to F.Y.B.Sc.-Biotechnology, under my guidance.

I hereby certify that, Mr. Nayak Pushkar Amar satisfactorily completed said course of 15 hours duration during the year 2022-23.

(Prof. Deepali Mali)
Lecturer in Mathematics

(Dr.K.J.Save)
Principal

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website : www.sdsmcollege.com • Email: sdsmcollege@yahoo.com

(NAAC Reaccredited 'B' Grade)

Ref. No. :

Date : 03/06/2023

CERTIFICATE

This is to certify that Mr. Chaudhari Siddharth Kaushal is a bonafide student of this college, studying in F.Y.B.Sc.-Biotechnology class during the academic year 2022-23.

As he has not offered Mathematics and Statistics as one of the optional Subjects at H.S.C.(Std.XII), she has undergone a course on Mathematics and Statistics of 15 hours duration, which is one of the conditions for admission to F.Y.B.Sc.-Biotechnology, under my guidance.

I hereby certify that, Mr. Chaudhari Siddharth Kaushal satisfactorily completed said course of 15 hours duration during the year 2022-23.

(Prof. Deepali Mali)
Lecturer in Mathematics

(Dr. K. J. Save)
Principal

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V. S. APTE COMMERCE COLLEGE &
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website : www.sdsmcollege.com • Email: sdsmcollege@yahoo.com

(NAAC Reaccredited 'B' Grade)

Ref. No. :

Date : 03/04/2023

CERTIFICATE

This is to certify that Ms. Dhanu Vishwambhara Santosh is a bonafide student of this college, studying in F.Y.B.Sc.-Biotechnology class during the academic year 2022-23.

As she has not offered Mathematics and Statistics as one of the optional Subjects at H.S.C.(Std.XII), she has undergone a course on Mathematics and Statistics of 15 hours duration, which is one of the conditions for admission to F.Y.B.Sc.-Biotechnology, under my guidance.

I hereby certify that, Ms. Dhanu Vishwambhara Santosh satisfactorily completed said course of 15 hours duration during the year 2022-23.

(Prof. Deepali Mali)
Lecturer in Mathematics

(Dr.K.J.Save)
Principal

PRINCIPAL
SONOPANT DANDEKAR ARTS,
V. S. APTE COMMERCE COLLEGE &
M. H. MEHTA SCIENCE COLLEGE
PALGHAR (W.R.)
DIST. PALGHAR, PIN - 401 404.



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**SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE
AND M. H. MEHTA SCIENCE COLLEGE**

Tal. Palghar, Dist. Palghar, Pin - 401 404.

Code : (02525) 252163. Prin : 252317 • Resi : 252316

website : www.sdsmcollege.com • Email:sdsmcollege@yahoo.com

(NAAC Reaccredited 'B' Grade)

Ref. No. :

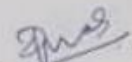
Date : 03/04/2023

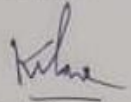
CERTIFICATE

This is to certify that Ms. Rao Suneeta Ramkripal is a bonafide student of this college, studying in F.Y.B.Sc.-Biotechnology class during the academic year 2022-23.

As she has not offered Mathematics and Statistics as one of the optional Subjects at H.S.C.(Std.XII), she has undergone a course on Mathematics and Statistics of 15 hours duration, which is one of the conditions for admission to F.Y.B.Sc.-Biotechnology, under my guidance.

I hereby certify that, Ms. Rao Suneeta Ramkripal satisfactorily completed said course of 15 hours duration during the year 2022-23.


(Prof. Deepali Mali)
Lecturer in Mathematics


(Dr.K.J.Save)
Principal
PRINCIPAL
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(NAAC Reaccredited 'B' Grade)

Ref. No. :

Date : 03/04/2023

CERTIFICATE

This is to certify that Mr. Kamble Smit Rajesh is a bonafide student of this college, studying in F.Y.B.Sc.-Biotechnology class during the academic year 2022-23.

As he has not offered Mathematics and Statistics as one of the optional Subjects at H.S.C.(Std.XII), she has undergone a course on Mathematics and Statistics of 15 hours duration, which is one of the conditions for admission to F.Y.B.Sc.-Biotechnology, under my guidance.

I hereby certify that, Mr. Kamble Smit Rajesh satisfactorily completed said course of 15 hours duration during the year 2022-23.

(Prof. Deepali Mali)
Lecturer in Mathematics

(Dr.K.J.Save)
Principal

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(NAAC Reaccredited 'B' Grade)

Ref. No. :

Date : 03/04/2023

CERTIFICATE

This is to certify that Mr. Kushwaha Vijay Omprakash is a bonafide student of this college, studying in F.Y.B.Sc.-Biotechnology class during the academic year 2022-23.

As he has not offered Mathematics and Statistics as one of the optional Subjects at H.S.C.(Std.XII), she has undergone a course on Mathematics and Statistics of 15 hours duration, which is one of the conditions for admission to F.Y.B.Sc.-Biotechnology, under my guidance.

I hereby certify that, Mr. Kushwaha Vijay Omprakash satisfactorily completed said course of 15 hours duration during the year 2022-23.

(Prof. Deepali Mali)
Lecturer in Mathematics

(Dr.K.J.Save)
Principal

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Sonopant Dandekar Shikshan Mandali's

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Tal. Palghar, Dist. Palghar, Pin - 401 404.

Code : (02525) 252163, Prin 252317 • Resi 252318

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(NAAC Reaccredited 'B' Grade)

Ref. No. :

Date : 03/01/2023

CERTIFICATE

This is to certify that Ms. Dawane Kanchan Kishan is a bonafide student of this college, studying in F.Y.B.Sc.-Biotechnology class during the academic year 2022-23.

As she has not offered Mathematics and Statistics as one of the optional Subjects at H.S.C.(Std.XII), she has undergone a course on Mathematics and Statistics of 15 hours duration, which is one of the conditions for admission to F.Y.B.Sc.-Biotechnology, under my guidance.

I hereby certify that, Ms. Dawane Kanchan Kishan satisfactorily completed said course of 15 hours duration during the year 2022-23.

(Prof. Deepali Mali)
Lecturer in Mathematics

(Dr.K.J.Save)
Principal

PRINCIPAL
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website : www.sdsmcollege.com • Email: sdsmcollege@yahoo.com
(NAAC Reaccredited 'B' Grade)

Ref. No. :

Date : 03/04/2023

CERTIFICATE

This is to certify that Mr. Chaturvedi Priyanshu Rajesh is a bonafide student of this college, studying in F.Y.B.Sc.-Biotechnology class during the academic year 2022-23.

As he has not offered Mathematics and Statistics as one of the optional Subjects at H.S.C.(Std.XII), she has undergone a course on Mathematics and Statistics of 15 hours duration, which is one of the conditions for admission to F.Y.B.Sc.-Biotechnology, under my guidance.

I hereby certify that, Mr. Chaturvedi Priyanshu Rajesh satisfactorily completed said course of 15 hours duration during the year 2022-23.

(Prof. Deepali Mali)
Lecturer in Mathematics

(Dr.K.J.Save)
Principal

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(NAAC Reaccredited 'B' Grade)

Ref. No. :

Date : 03/04/2023

CERTIFICATE

This is to certify that Ms. Mistry Vanshita Devendra is a bonafide student of this college, studying in F.Y.B.Sc.-Biotechnology class during the academic year 2022-23.

As she has not offered Mathematics and Statistics as one of the optional Subjects at H.S.C.(Std.XII), she has undergone a course on Mathematics and Statistics of 15 hours duration, which is one of the conditions for admission to F.Y.B.Sc.-Biotechnology, under my guidance.

I hereby certify that, Ms. Mistry Vanshita Devendra satisfactorily completed said course of 15 hours duration during the year 2022-23.

(Prof. Deepali Mali)
Lecturer in Mathematics

(Dr.K.J.Save)
Principal

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website : www.sdsmcollege.com • Email: sdsmcollege@yahoo.com

(NAAC Reaccredited 'B' Grade)

Ref. No. :

Date : 03/04/2023

CERTIFICATE

This is to certify that Ms. Bhusara Anjali Madhuakar is a bonafide student of this college, studying in F.Y.B.Sc.-Biotechnology class during the academic year 2022-23.

As she has not offered Mathematics and Statistics as one of the optional Subjects at H.S.C.(Std.XII), she has undergone a course on Mathematics and Statistics of 15 hours duration, which is one of the conditions for admission to F.Y.B.Sc.-Biotechnology, under my guidance.

I hereby certify that, Ms. Bhusara Anjali Madhuakar satisfactorily completed said course of 15 hours duration during the year 2022-23.

(Prof. Deepali Mali)
Lecturer in Mathematics

(Dr.K.J.Save)
Principal

PRINCIPAL,
SONOPANT DANDEKAR ARTS,
V. S. APTE COMMERCE COLLEGE &
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PALGHAR (W.R.)
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website : www.sdsmcollege.com • Email: sdsmcollege@yahoo.com

(NAAC Reaccredited 'B' Grade)

Ref. No. :

Date : 03/04/2023

CERTIFICATE

This is to certify that Ms. Kumbhar Shreya Sandeep is a bonafide student of this college, studying in F.Y.B.Sc.-Biotechnology class during the academic year 2022-23.

As she has not offered Mathematics and Statistics as one of the optional Subjects at H.S.C.(Std.XII), she has undergone a course on Mathematics and Statistics of 15 hours duration, which is one of the conditions for admission to F.Y.B.Sc.-Biotechnology, under my guidance.

I hereby certify that, Ms. Kumbhar Shreya Sandeep satisfactorily completed said course of 15 hours duration during the year 2022-23.

(Prof. Deepali Mali)
Lecturer in Mathematics

(Dr.K.J.Save)
Principal

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SONOPANT DANDEKAR ARTS,
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website : www.sdsmcollege.com • Email: sdsmcollege@yahoo.com
(NAAC Reaccredited 'B' Grade)

Ref. No. :

Date : 03/04/2023

CERTIFICATE

This is to certify that Ms. Singh Khushi Kamlakar is a bonafide student of this college, studying in F.Y.B.Sc.-Biotechnology class during the academic year 2022-23.

As she has not offered Mathematics and Statistics as one of the optional Subjects at H.S.C.(Std.XII), she has undergone a course on Mathematics and Statistics of 15 hours duration, which is one of the conditions for admission to F.Y.B.Sc.-Biotechnology, under my guidance.

I hereby certify that, Ms. Singh Khushi Kamlakar satisfactorily completed said course of 15 hours duration during the year 2022-23.

(Prof. Deepali Mali)
Lecturer in Mathematics

(Dr.K.J.Save)
Principal

PRINCIPAL
SONOPANT DANDEKAR ARTS,
V. S. APTE COMMERCE COLLEGE &
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**SONOPANT DANDEKAR ARTS COLLEGE, V.S. APTE COMMERCE COLLEGE AND
M.H. MEHTA SCIENCE COLLEGE, PALGHAR,
DIST: PALGHAR 401404 Tel: (02525) 252163**

**BRIDGE COURSE
M.Sc. PART 1
Department of Biotechnology
A.Y. 2022-23
NOTICE FOR THE BRIDGE COURSE**

**SONOPANT DANDEKAR ARTS COLLEGE, V.S. APTE COMMERCE COLLEGE AND
M.H. MEHTA SCIENCE COLLEGE, PALGHAR,
DIST: PALGHAR 401404 Tel: (02525) 252163**

Date: 10/09/22

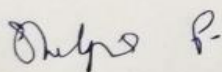
NOTICE (2022-23)

Please be informed that the Bridge Course for the students of M.Sc. Biotechnology (Part-I) will be conducted for the below mentioned students as follows:

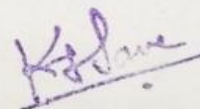
Date	Time	Name of the students
13/09/2022 (Tuesday)	8:00 AM to 9:00 AM	1. ANKITA CHAUHAN
14/09/2022 (Wednesday)	8:00 AM to 9:00 AM	1. SAYURI KINI
15/09/2022 (Thursday)	8:00 AM to 9:00 AM	2. YOGITA GOVARI
16/09/2022 (Friday)	8:00 AM to 9:00 AM	3. SANSKRITI PRADHAN
17/09/2022 (Saturday)	8:00 AM to 9:00 AM	4. VISHAL YADAV
19/09/2022 (Monday)	8:00 AM to 9:00 AM	5. PRAKASH VISHWAKARMA
20/09/2022 (Tuesday)	8:00 AM to 9:00 AM	6. MANSI KARDE
		7. SARIKA DUBEY

Please Note:

- It is mandatory for all the concerned students to attend Bridge Course sessions.



Dr. Shilpa Gharat
HOD, Biotechnology



Dr. Kiran Save
Principal

**SONOPANT DANDEKAR ARTS COLLEGE, V.S. APTE COMMERCE COLLEGE AND
M.H. MEHTA SCIENCE COLLEGE, PALGHAR,
DIST: PALGHAR 401404 Tel: (02525) 252163**

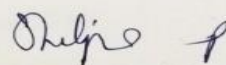
**BRIDGE COURSE
M.Sc. PART 1
Department of Biotechnology
A.Y. 2022-23
TIME TABLE FOR THE BRIDGE COURSE**

**SONOPANT DANDEKAR ARTS COLLEGE, V.S. APTE COMMERCE COLLEGE AND
M.H. MEHTA SCIENCE COLLEGE, PALGHAR,
DIST: PALGHAR 401404 Tel: (02525) 252163**

**BRIDGE COURSE
M.Sc. PART 1
Department of Biotechnology
A.Y. 2022-23**

TIME TABLE FOR THE BRIDGE COURSE

DATE	TIME (Lecture 1)	TIME (Lecture 2)
13/09/2022 (Tuesday)	8:00 AM to 9:00 AM	12:00 PM to 1:00 PM
14/09/2022 (Wednesday)	8:00 AM to 9:00 AM	12:00 PM to 1:00 PM
15/09/2022 (Thursday)	8:00 AM to 9:00 AM	12:00 PM to 1:00 PM
16/09/2022 (Friday)	8:00 AM to 9:00 AM	12:00 PM to 1:00 PM
17/09/2022 (Saturday)	8:00 AM to 9:00 AM	12:00 PM to 1:00 PM
19/09/2022 (Monday)	8:00 AM to 9:00 AM	12:00 PM to 1:00 PM
20/09/2022 (Tuesday)	8:00 AM to 9:30 AM	12:00 PM to 1:30 PM



**Dr. Shilpa Gharat
Head of Department
Department of Biotechnology**

**SONOPANT DANDEKAR ARTS COLLEGE, V.S. APTE COMMERCE COLLEGE AND
M.H. MEHTA SCIENCE COLLEGE, PALGHAR,
DIST: PALGHAR 401404 Tel: (02525) 252163**

BRIDGE COURSE

M.Sc. PART 1

Department of Biotechnology

A.Y. 2022-23

Syllabus for the Bridge Course

**SONOPANT DANDEKAR ARTS COLLEGE, V.S. APTE COMMERCE COLLEGE AND
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DIST: PALGHAR 401404 Tel: (02525) 252163**

BRIDGE COURSE

M.Sc. PART 1

Department of Biotechnology

A.Y. 2022-23

Syllabus for the Bridge Course

Objectives of the course:

It will intend to bridge the gap between subjects studied at the Graduation level and the subjects they would study at Postgraduate level. It will help the learner to improve the basic skills and techniques in biotechnology.

**MODERN APPLICATIONS IN BIOTECHNOLOGY, BIOSTATISTICS AND
BIOINFORMATICS**

Duration of course: 15 lectures (900 mins)/class

Unit	Name of the Unit	Topics	Lecture/ Hrs
1.	Recent Advances in Plant and Animal biotechnology	<ul style="list-style-type: none">● Assisted reproductive technology● Cloning● Production of transgenic plants and animals● Genome editing● Biopharming	5
2.	Modern Molecular Biology techniques in Diagnostics	<ul style="list-style-type: none">● Molecular Diagnostics Techniques of Medical Viruses.● Transcription based amplification Methods● Immunological Diagnostic techniques of Medical Viruses● Diagnosis of Human genetic anomalies	5
3.	Applications of Biostatistics and Bioinformatics	<ul style="list-style-type: none">● Applications of ANOVA, Chi square, Z test and Standard Deviation in Sampling and research methodology.● Use of Bioinformatics tools-PDB, DGIB in drug designing	5

Shilpa - G
Dr. Shilpa Gharat

Head of Department

Department of Biotechnology

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BRIDGE COURSE

**M.Sc. PART 1
Department of Biotechnology
A.Y. 2022-23**

**SONOPANT DANDEKAR ARTS COLLEGE, V.S. APTE COMMERCE COLLEGE AND
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DIST: PALGHAR 401404 Tel: (02525) 252163**

**BRIDGE COURSE
M.Sc. PART 1
Department of Biotechnology
A.Y. 2022-23**

Teaching Plan

Date	Portion	
	Lecture 1	Lecture 2
13/09/2022 (Tuesday)	Molecular diagnostics techniques of medical viruses	Applications of Z- test, Standard deviation in research methodology
14/09/2022 (Wednesday)	Assisted Reproductive technology	Applications of Chi square in research methodology
15/09/2022 (Thursday)	Production of Transgenic Animals	Cloning
16/09/2022 (Friday)	Production of Transgenic plants	Genome editing
17/09/2022 (Saturday)	Applications of ANOVA in research methodology	PDB in drug designing
19/09/2022 (Monday)	Immunological diagnostics techniques of medical viruses	DGI db in drug designing
20/09/2022 (Tuesday)	Diagnosis of human genetic anomalies	Biopharming

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M.H. MEHTA SCIENCE COLLEGE, PALGHAR,
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BRIDGE COURSE

**M.Sc. PART 1
Department of Biotechnology
A.Y. 2022-23**

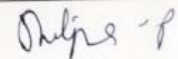
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PALGHAR,
DIST: PALGHAR 401404 Tel: (02525) 252163

ATTENDANCE FOR BRIDGE COURSE 2022-23

Subject – Biotechnology

Class – M.Sc. Part I

Sr. No.	Roll.No.	Name of Student	13/09/2022	14/09/2022	15/09/2022	16/09/2022	17/09/2022	19/09/2022	20/09/2022
1	12005	ANKITA CHAUHAN	P	P	P	P	P	P	P
2	12002	SAYURI KINI	P	A	P	P	P	P	P
3	12002	YOGITA GOVARI	P	P	P	P	P	P	P
4	12014	SANSKRITI PRADHAN	P	P	P	A	P	P	P
5	12023	VISHAL YADAV	P	A	P	P	P	P	P
6	12009	PRAKASH VISHWAKARMA	P	P	P	P	P	P	P
7	12010	MANSI KARDE	P	P	A	P	P	P	P
8	12007	SARIKA DUBEY	P	P	P	A	P	P	P



Signature
Head of Department
Dept. of Biotechnology

BRIDGE COURSE
M.Sc. PART 1
Department of Biotechnology
A.Y.2022-23

Question Paper for the Bridge Course

**SONOPANT DANDEKAR ARTS COLLEGE, V.S.APTE COMMERCE COLLEGE AND
M.H.MEHTA SCIENCE COLLEGE, PALGHAR,
DIST: PALGHAR 401404 Tel: (02525) 252163**

BRIDGE COURSE
M.Sc. PART 1
Department of Biotechnology
A.Y.2022-23
Question Paper for the Bridge Course

TIME: 40 mins

Max. Marks: 20

Q.1) Answer all the questions (Each question carries 2 marks)

1. _____ for animal breeding is located at Karnal
a) DBT b) AIIMS c) NBAGR d) DGIP
2. Western Blotting is used for _____
a. Prenatal Diagnosis
b. Detection of unknown gene on chromosome
c. Protein Amplification
d. DNA Amplification
3. A test is conducted for $H_0: \mu = 34$, with $\sigma = 5$. A sample of size 10 is selected. The standard error of the sampling distribution is _____
a) 0.05 b) 0.5 c) 5 d) 0
4. Patau's syndrome is caused because of _____
a) Additional copy of Chromosome 13 b) Deletion of Chromosome 13
c) Translocation of chromosome 13 d) Inversion of Chromosome 13
5. Which of the following are methods under measures of dispersion?
a) Standard deviation b) Mean deviation c) Range d) All of the above
6. Goodness of fit of a distribution is tested by
a) t - test b) F - test c) Chi - square test d) Z - test
7. A protein that is produced by the human macrophages and has the defensive property against cancer cells named as
a) Alanine b) Tumor suppressor protein c)
Tumor Necrosis Factor d) Leucine
8. Which program is involved in collecting eggs from females and sperms from males to induce fertilization in a test tube?
a) Swachha Bharat programme b) Test tube baby program
c) Anti-national program d) Fertility program
9. Goa state Government has introduced _____ programme for IVF.
a) Matrutva Yojana b) Atul Pension Yojana c) Pitrutva Yojana d) None of the above
10. The function of β subunit of polymerase is
a) Template binding b) Catalytic binding c) Promoter bindings d) Cation binding

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BRIDGE COURSE

M.Sc. PART 1

Department of Biotechnology

A.Y. 2022-23

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DIST: PALGHAR 401404 Tel: (02525) 252163**

**BRIDGE COURSE
M.Sc. PART 1
Department of Biotechnology
A.Y. 2022-23**

Marksheet

Sr. No.	Roll.No.	Name of Students	Marks (20)
1	12005	ANKITA CHAUHAN	20
2	120022	SAYURI KINI	16
3	12002	YOGITA GOVARI	18
4	12014	SANSKRITI PRADHAN	18
5	12023	VISHAL YADAV	16
6	12009	PRAKASH VISHWAKARMA	18
7	12010	MANSI KARDE	16
8	12007	SARIKA DUBEY	18

Shilpa - G

**Dr. Shilpa Gharat
Head of Department
Department of Biotechnology**

Department of Botany



Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

[Best College - University of Mumbai]

(Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019')

NOTICE

Department of Botany

Bridge Course (2022-2023)

All the F.Y.B.Sc students are hereby informed that Department Botany of has arranged a Bridge Course in Botany. Interested students are hereby informed to contact department.

**Head of the Department
Prof. Bhagwan Jaiswal
Department of Botany**

Department of Botany, Sonopant Dandekar Arts College, V.S. Apte Commerce College and M.H. Mehta Science College, Palghar has taken Bridge course for F.Y.BSc. Students on 06th February 2023 to 13th February 2023. 40 participants were present for the same.

The aim of the coaching was to enhance the knowledge of the basic so that it will help the students to improve their studies.

The Coaching was conducted for a period of one week in 06th February 2023 to 13th February 2023. Room No 0-28 -by Asst. Prof. Kalyani Joshi.

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Co – Curriculum	Bridge Course	06 th February 2023 to 06 th February 2023 02:30 pm to 03:20 pm	Main Botany Lab Room No. 28	Asst. Prof. Kalyani Joshi.	40

Asst. Prof. Kalyani Joshi.
Coordinator of the Programme

Prof. Bhagwan N. Jaiswal
Head, Department of Botany

Time Table 2022-2023

Name of the Teacher – Asst. Prof. Kalyani Joshi

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday
Date	06/02/2023	07/02/2023	08/02/2023	09/02/2023	10/02/2023	11/02/2023	13/02/2023
Time	02:30 pm to 03:20 pm	02:30 pm to 03:20 pm	02:30 pm to 03:20 pm	02:30 pm to 03:20 pm	02:30 pm to 03:20 pm	02:30 pm to 03:20 pm	02:30 pm to 03:20 pm

Bridge Course Syllabus

Sr. No.	Topic
1.	Medicinal Botany
2.	Basic instrumentation techniques
3.	Gardening techniques
4.	Environmental botany

Teaching Plan

Monday	Pre-test and introduction of bridge course
Tuesday	Concept of medicinal botany and its importance
Wednesday	Medicinal botany and Indian scenario
Thursday	Basic instrumentation techniques and lab techniques
Friday	Modern gardening techniques: Indoor gardening techniques
Saturday	Concept of environmental botany and applications.
Monday	Post-test.

F.Y.BSc Botany Bridge Course (Pre-Test) 2022-2023

Max. Marks: 20

Q.1 attempt any two from following questions

20 Marks

- Give an account of instruments used in laboratories.
- What do you know about application of plants in medical field?
- What do you know about gardening techniques?
- Define environmental botany. Add note on its applications.

Pre-Test paper

Sonopant Dandekar Arts College, V. S. Apte Commerce College & M. H. Mehta Science College & R. H. Save Arts, Seth C. J. Bhanushali Com. & B. A. Dandekar Science Jr. College Palghar, Dist. Palghar.

Jr. Sup. Signature with Date: _____ Supplement No. _____ Candidate's Seat No. 2010

Date: 06/02/2023 Class: _____ Subject: _____

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks	05	05											10

1. Give an account of instruments use in lab?

Ans: ① Dissecting Microscope
It is actually a simple microscope that consists of only one lens unit. This lens unit consists of a basal foot and a limb. The stage made up of a simple glass plate, is attached to the limb. For the light adjustment purposes, a mirror is attached to the limb and under the stage.

② compound microscope
At the top is present the ocular lens. It can be turned around or may be removed. At the top of ocular lens is written 5x or 10x signifying the 5 times or 10 times. The flat platform present below the object is called stage. On the arm of the microscope are present knobs called coarse adjustment knob.

③ Stains:
1. Safranin
2. cotton blue
3. Acid alcohol
4. Acid water.

Ⓐ Precautions:

1. Clean the ocular and objective lenses with lens paper and do not remove them.
2. While studying an object, learn to keep one hand on the fine focus knob and focus continuously up and down.
3. While studying any kind of preparation, do not tilt the microscope.

Q. What do you know about gardening techics?

Ans:

1. Pick the right spot
It is always better to take small steps toward big wins. Pick a small space to start building your garden. Lastly, think about the accessibility of your garden space for watering, picking, and caring for your plants.
2. Pick a type
Once you identify the right spot for your garden, the next step in your journey to gardening is choosing what type of garden you want.
No matter what you choose, take small steps to paint the picture of your perfect garden.
3. Work on the soil.
Plants always benefit from the nutrient-rich gardening soil. Take your first step by examining the texture of your soil. It should be easily shovelled and crumble in your hands.
4. Grab basic gardening tools.
Once you have a plan in place, you'll need some basic gardening tools to get we're listing a handful of tools required for gardening.
The must haves:

F.Y.BSc Botany Bridge Course (Post-Test) 2022-2023

Max. Marks: 20



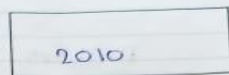
Q.1 give detailed account of slide preparation. Also add note on uses of stains used in slide preparation.
10 Marks

Q.2 give detailed account of indoor gardening techniques and its benefit.
10 Marks

Post-Test paper

Post

Sonopant Dandekar Arts College, V. S. Apte Commerce College &
M. H. Mehta Science College & R. H. Save Arts, Seth C. J. Bhanushali Com. &
B. A. Dandekar Science Jr. College Palghar, Dist. Palghar.

Jr. Sup. Signature with Date:  Supplement No.  Candidate's Seat No. 

Date: 13/02/2023 Class: _____ Subject: _____

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks	08	08											16

1. Give detail procedure of slide preparation. Add note on use of stain during slide preparation.

Ans: 1. Place a drop of fluid in the center of the slide.
2. position sample on liquid, using tweezers.
3. At 45° angle, place one side of the cover slip against the slide making contact with outer edge of the liquid drop.
4. Lower the cover slowly, avoiding air bubbles.
5. Remove excess water with the paper towel.

- Stains:

① Safranin
It is a red cationic dye that is used as a counterstain in both Gram's staining and endospore staining. This sums up staining in general.

② Lactophenol cotton blue.
Lactophenol cotton blue is a mixture of methyl blue, a histological stain and lactophenol. It is used in wet mount preparation for visualization of fungal structures, especially in medical mycology. Methyl blue stains fungal cells walls a bright cerulean color.

Flow chart

Anthers are removed (emasculated)

The stigma of emasculated flower is covered with butter paper (Bagging)

When the bagged stigma attains receptivity the desired set of pollen grains is dusted on the stigma

Rebagging is done

Fruits are allowed to develop

Desired seeds are obtained

Give detail on indoor gardening techniques and benefits

Benefits

Techniques for indoor gardening

① No pesticides

The fruits or vegetables that we buy from the market are often overloaded with pesticides and fertilizer that do more harm than good for us. If and when you grow vegetable in your home you can get the fresh and organic food that is safe to consume.

② Saves money

You often buy harmful stale vegetables from the market at a high price in case of market inflation. If you can manage growing vegetables, growing vegetables in your garden need very less financial backup and easy maintenance.

③ Vegetables taste better

Once you have tasted the organic vegetables grown indoors you won't go out looking in the market for buying them.

④ Encouragement for kids

This type of garden as a project for kids and they can assist you in growing vegetables.

Techniques :

1. Choose the right containers.
2. Get the soil right.
3. Pick your plants based on available space.
4. Get the light right.
5. Grow up.
6. Try a trellis.
7. Water consistently.
8. Protect against pests.

Incremental Growth among Slow Learner's

Sr. No.	Roll no.	Name of students	Pre-test marks	Post- test marks
8	90195	Parhad Anjali Raghunath	08	13
14	90168	Mahato Anjali Madankumar	09	15
16	90151	Khan Hasina Bakshis	10	12
22	2010	Shaikh Shifa Irfan	10	16
24	2019	Singh Gunja Jitendra	10	13
25	2020	Chaudhari Vijaya Ashok	10	16
30	2063	Amrute Praveen Pradip	09	13
37	2092	Machhi Akshada Jaywant	09	15
38	2093	Patil Poorva Mahesh	09	15
39	90258	Govind Vidyashri Vinayak	08	15
40	2052	Suryawanshi Aditya Maroti	10	14

Syllabus cover

Sr. no	Date	Day	Topic cover	No. of lectures
1.	10/09/2018	Monday	Pre-test and introduction of bridge course	01
2.	11/09/2018	Tuesday	Concept of medicinal botany and its importance	01
3.	12/09/2018	Wednesday	Medicinal botany and Indian scenario	01
4.	13/09/2018	Thursday	Basic instrumentation techniques and lab techniques	01
5.	14/09/2018	Friday	Modern gardening techniques: Indoor gardening techniques	01
6.	15/09/2018	Saturday	Concept of environmental botany and applications.	01
7.	17/09/2018	Monday	Post-test.	01

S. D. Arts, V. S. Apte Commerce and M. H. Mehta Science College, Palghar
Department of Botany

Bridge Course Day Wise

Daily Attendance Sheet

Subject : Botany

Time : 2:30 p.m. to 3:20 p.m.


Class : F. Y. B.Sc.

Name of the Teacher : Asst. Prof. Kalyani Joshi

Sr. No	Roll no.	Name of students	06/02/ 2023	07/02 /2023	08/02 /2023	09/02 /2023	10/02/ 2023	13/02 /2023
.								
1	90244	Vayedra Kailas Mahadya	P	P	P	P	P	P
2	90069	Gupta Shivangi Mayaram	P	P	AB	P	P	P
3	90241	Vavare Vishal Trimbak	P	AB	P	P	P	P
4	90231	Shaikh Naaz Mohammadumar	AB	AB	AB	AB	AB	AB
5	90234	Salkar Ganesh Ganpat	P	P	P	P	P	P
6	90223	Dubey Shalu Shravan	P	P	AB	AB	P	P
7	90215	Kushwaha Neha Premshankar	P	P	P	P	P	P
8	90195	Parhad Anjali Raghunath	P	P	P	P	P	P
9	90199	Bhogale Manasi Anant	P	P	P	P	P	P
10	90190	Ojha Sanjana Sushil	P	P	P	P	P	P
11	90180	Gori Manasi Vinod	P	P	P	P	P	P
12	90173	Das Leelavatikumari Shankarlal	P	P	P	P	P	P

13	90165	Yadav Aarati Shatrughan	P	P	P	P	P	P
14	90168	Mahato Anjali Madankumar	P	p	p	p	p	p
15	90155	Jain Saurabh Pradip	P	P	P	P	P	P
16	90151	Khan Hasina Bakshis	P	P	P	P	P	P
17	90130	Bendre Bhavnesh Uddhav	P	P	P	P	P	P
18	90122	Maurya Khushbu Ramvilas	P	P	P	P	P	P
19	90123	Patil Aniket Pramod	P	P	P	P	P	P
20	90129	Pathor Aniket Muneshkumar	P	P	P	P	P	P
21	2001	Gharat Unnati Bharat	P	P	P	P	P	P
22	2010	Shaikh Shifa Irfan	P	P	P	P	P	P
23	2015	Gharat Disha Ajay	P	P	P	P	P	P
24	2019	Singh Gunja Jitendra	P	P	P	P	P	P
25	2020	Chaudhari Vijaya Ashok	P	p	p	p	p	p
26	2031	Shaikh Aftab Imtiyaz	P	AB	P	P	P	P
27	2039	Patil Pranjal Rajendra	P	P	P	P	P	P
28	2051	Yadav Priyanshu Rangbahadur	AB	AB	AB	AB	AB	AB
29	2060	Thather Tanvi Gorakhnath	P	P	P	P	P	P
30	2063	Amrute Praveen Pradip	P	P	P	P	P	P
31	2064	Kini Sakshi Naynesh	AB	AB	AB	AB	AB	AB
32	2068	Khan Alfiya Dilavar	AB	AB	AB	AB	AB	AB
33	2067	Gupta Satish Anil	P	P	P	P	P	P
34	2065	Mitana Sejal Dipak	P	P	P	P	P	P
35	2084	Patil Sayali Subhash	P	AB	AB	P	P	P

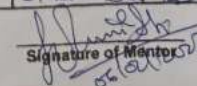
36	2088	Tare Prathamesh Bhupesh	P	P	P	P	P	P
37	2092	Machhi Akshada Jaywant	P	P	P	P	P	P
38	2093	Patil Poorva Mahesh	P	P	P	P	P	P
39	90258	Govind Vidyashri Vinayak	p	p	p	p	p	p
40	2052	Suryawanshi Aditya Maroti	p	p	p	p	p	p



SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE AND M. H. MEHTA SCIENCE COLLEGE, PALGHAR
 Palghar Dist-Palghar Pin-404 E-mail:sdsmcollege@yahoo.com

ATTENDANCE RECORD

Name of the Event: Bridge Course pre-test
 Name of the Mentor: Kalyani Joshi Department: Botany
 Date: 06/02/2023 Time: 2:30-3:30 pm Venue: Botany Main Lab

Sr.No.	Name of the Student	Class	Roll No.	Mobile No.	Signature
1	Shifa Irfan Shaikh	F.Y.B.Sc-A	2010	9175183784	
2	Umarati Bhanu ghalal	F.Y.B.Sc-A	2001	9822361464	
3	Kailas Mahadikar	F.Y.B.Sc	90299	9690394794	
4	Anjali Madan Mahato	F.Y.B.Sc	90168	8208090366	
5	Sakal Ganesh Ganpat	F.Y. B.Sc	90034	9307981646	
6	Akshada Jaywant Mahi	F.Y.B.Sc	2092	8010918914	
7	Prathamush B. Tare	F.Y.B.Sc	2088	9322365327	
8	Anjali Parthasarathi Patil	F.Y.B.Sc	90195	913035580	
9	Mansi Anant Bhogale	F.Y.B.Sc	80199	8067086847	
10	Disha Aiyaz Gharat	F.Y.B.Sc	2015	7798754555	
11	Sejal Dipak Mitara	F.Y.B.Sc	2065	9165267231	
12	Govind Vijayashri Wagle	F.Y.B.Sc	90258	9766112960	
13	Nijara Adik Chaudhari	F.Y.B.Sc	2020	8161053366	
14	Pooja Neelish Patil	F.Y.B.Sc	2093	8423073104	
15	Naaz Sheikh Mubammad	F.Y.B.Sc	AB		AB
16	Jain Saunabh Patil	F.Y.B.Sc	90155	9860171527	
17	Hosna Barkhshis Khan	F.Y.B.Sc	90191	954983687	
18	Gunja Singh Jitendra	F.Y.B.Sc	2019	9158487040	
19	Garrah Gupta	F.Y.B.Sc	2069	8600562657	
20	Alfiya Dilavoor Khan	F.Y.B.Sc			AB
21	Sakshi Nayesh Kuni	F.Y.B.Sc	2057		AB
22	Prizanshu Ranjibhadur	F.Y.B.Sc	2051		AB
23	Nidhi Jayant Jadhav	F.Y.B.Sc	2091		AB
24	Prachi Dhanraj Kumar	F.Y.B.Sc	2067	9156604700	
25	Amitesh Patil	F.Y.B.Sc	90120	8120009300	


 Signature of Mentor


SONOPANT DANDEKAR ARTS, V. S. APTE COMMERCE AND M. H. MEHTA SCIENCE COLLEGE, PALGHAR
 Palghar, Dist. Palghar, Pin-401 404 E-mail: sdcmlcolleg@yanoo.com

ATTENDANCE RECORD

Name of the Event: Bridge Course
 Name of the Mentor: Asst. Prof. Kalyani Jadhav Department: Botany
 Date: 13/02/2023 Time: 2:30pm Venue: Botany Main Lab

Sr.No.	Name of the Student	Class	Roll No.	Mobile No.	Signature
1	Manali Bhamat ghant	FYBSc-A	2001	9823614649	<i>[Signature]</i>
2	Kaish Mahadikar	FYBSc	9029	969356179	<i>[Signature]</i>
3	Anjali Madan Mahat	FYBSc	90168	8208090366	Anjali
4	Anjali Raghunath Padar	F.Y.B.Sc	90195	80930315580	A.Padark
5	Salkar Ganesh Ganpat	F.Y.B.Sc	90234	9807981646	Salkar
6	Akshad Jigwanji Mank	FYBSc	2092	8010978914	A.Mank
7	Sejal Dipak Mitani	F.Y.B.Sc	2065	9168267230	S.Mitani
8	Govind Vidyasbri Vinyat	F.Y.B.Sc	90258	9766112960	<i>[Signature]</i>
9	Mansi Anant Bhosale	FYBSc	90189	9067096847	M.A.Bhosale
10	Shifa Irfan Shaikh	FyBSc-A	2010	9175783784	<i>[Signature]</i>
11	Previn Pradeep Anar	FyBSc-A	2067	915861200	<i>[Signature]</i>
12	Prathamesh B. Tare	F.Y.B.Sc	2088	9322335327	<i>[Signature]</i>
13	Vijaya Ashok Chaudh	F.Y.B.Sc	2020	876705256	<i>[Signature]</i>
14	Poojara Mahesh Patil	FYBSc	2093	8483073104	Patil
15	Taia Sawabh Pradip	F.Y.B.Sc	90155	9860171527	<i>[Signature]</i>
16	Aditya Manohar Suryawade	FYBSc	2052	8010966639	<i>[Signature]</i>
17	Aliya Dilrajat Khan	FYBSc			AB
18	Harsini Harshis Khan	FYBSc	90191	9545983685	<i>[Signature]</i>
19	Nidhi Jayant Sadhav	FYBSc	2091		AB
20	Disha Anay Ghant	F.Y.B.Sc	2015	7798754555	<i>[Signature]</i>
21	Cunja Singh Jitend	F.Y.B.Sc	2019	915848405	<i>[Signature]</i>
22	Saksh Gupta	FYBSc	2067	8600562657	<i>[Signature]</i>
23	Anket Pratikar	FYBSc	90189	8109409388	A.Shank
24	Prityanshu B. Yadav	FYBSc	2051		AB
25	Neha Shaikh	FYBSc			AB

[Signature]
 Signature of Mentor
 13/02/2023



Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

[Best College - University of Mumbai]

(Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019')

NOTICE

Department of Botany

Bridge Course

All the **MSc-I** students are hereby informed that Department of Botany have organized a Bridge Course in Botany. Interested students are hereby informed to contact department.

Prof. B.N. Jaiswal
Head, Department of Botany

Department of Botany, Sonopant Dandekar Arts College, V.S. Apte Commerce College and M.H. Mehta Science College, Palghar has taken Bridge course for MSc-I. Students on 21th February 2023 to 28th February 2023. 17 participants were present for the same.

The aim of the coaching was to enhance the knowledge of the basic so that it will help the students to improve their studies.

The Coaching was conducted for a period of one week 21th February 2023 to 28th February 2023 in Botany Lab 2 Room No. 29 by Prof. Asmita Raut.

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Co – Curriculum	Bridge Course	21 th Feb 2023 to 28 th Feb 2023 02:20 pm to 03:00 pm	Botany Lab 2 Room No. 29	Prof. Asmita Raut	17

Prof. Asmita Raut
Coordinator of the Programme

Prof. B.N. Jaiswal
Head, Department of Botany

Time Table 2022-2023

Name of the Teacher – Prof. Asmita Raut

Day	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday	Tuesday
Date	21/02/2023	22/02/2023	23/02/2023	24/02/2023	25/02/2023	27/02/2023	28/02/2023
Time	02:20 pm to 03:00 pm	02:20 pm to 03:00 pm	02:20 pm to 03:00 pm	02:20 pm to 03:00 pm	02:20 pm to 03:00 pm	02:20 pm to 03:00 pm	02:20 pm to 03:00 pm

Bridge Course Syllabus

Sr. No.	Topic
5.	Use of algae as food, medicine, fodder: Indian perspective
6.	Introductions to angiosperms: primitive and advance characters of Angiosperms
7.	Role of enzymes in photosynthesis
8.	Physiology – Plant System
9.	BAC and YAC
10.	Branches of Genetic

Teaching Plan

Tuesday	Pre-test Use of algae as food, medicine, fodder: Indian perspective
Wednesday	Use of algae as food, medicine, fodder: Indian perspective
Thursday	Introductions to angiosperms: primitive and advance characters of Angiosperms
Friday	Role of enzymes in photosynthesis
Saturday	Physiology – Plant System
Monday	BAC and YAC, Branches of Genetic
Tuesday	Post-Test

MSc-I Botany Bridge Course (Pre-Test) 2022-2023

Max. Marks: 20

Q.1. Answer any two of the following questions

- 1) Explain use of algae as food: Indian perspective.
- 2) Write primitive and advanced characters of angiosperms.
- 3) Explain role of RUBISCO in photosynthesis
- 4) Explain BAC and YAC

Pre-Test paper

Date : 21/02/2023

Sonopant Dandekar Arts College, V. S. Apte Commerce College
M. H. Mehta Science College & R. H. Save Arts, Seth C. J. Bhanushali
B. A. Dandekar Science Jr. College Palghar, Dist. Palghar.

15011

Date: 22/02/23 Class: MSc-I Subject: Botany

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks	07	09	-	-	-	-	-	-	-	-	-	-	86

Q.1 Use of algae as food.

- Most important used of algae they are primary producers
- Algae are rich in carbohydrates, proteins, fats, minerals and vitamins A, B, C, D & E
- Rhodophyceae are used as food by man in different part of the world.
- Food from sporophytes of *Ulva* is called *saumen*.
- Chlorophyceae, the important algae used as a food are *maporaema*, *Ulva*, *Sodium chlor* etc.
- The algae usually are eaten either fresh and dried or pickled
- Several marine algae are also the source of hydrocolloids such as agar & carrageenan which are widely used in the food industry as stabilisers, thickeners & gelling agents.
- Algae are used in the food industry as food supplements and an addition to functional food
- Algae are also added to meat products.

Q.2 Primitive and advance characters of Angiosperms

- Primitive characters
 - Woody habit
 - The presence of chlorophyll and autotrophic mode of nutrition
 - They are terrestrial, Perennials
 - The leaves are the simple, Reticulate venation is present
 - The vascular bundles collateral & in a ring
 - Indefinite number of floral parts
 - Spiral arrangement of floral leaves.
 - Actinomorphic plants
 - Perianth undifferentiated into calyx and corolla
 - Bisexual flowers
 - Monoecious plants
 - Flowers hypogynous with superior ovary
 - seed endospermic with small embryo
- Advance characters
 - Herbaceous habit
 - without chlorophyll and parasitic mode of nutrition
 - They are Arbiatic and Annuals
 - Leaves are compound, opposite, & parallel venation
 - The vascular bundles collateral & scattered
 - Definite or fewer floral parts
 - Cyclic arrangement of floral parts
 - Zygomorphic flowers
 - Perianth differentiated in calyx & corolla
 - Unisexual flowers
 - Dioecious plants

APRIL (19/02/2023)

MSc-I Botany Bridge Course (Post-Test) 2022-2023

Max. Marks: 20

Q.1. Answer any two of the following questions

- 1) Explain use of algae as food: Indian perspective.
- 2) Write primitive and advanced characters of angiosperms.
- 3) Enlist name of enzymes useful in photosynthesis. Mention their role
- 4) Give detailed account of branches of genetics

Post-Test paper

Date : 28/02/2023

Sonopant Dandekar Arts College, V. S. Apte Commerce College & M. H. Mehta Science College & R. H. Save Arts, Seth C. J. Bhanushali Com. & B. A. Dandekar Science Jr. College Palghar, Dist. Palghar.

15011

Date: 31/02/23 Class: MSC-2 Subject: Botany

Q No	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks	05	04	-	-	-	-	-	-	-	-	-	-	05

Q1 Use of algae as food.

- Some of the genera of phaeophyceae used as human food.
- i.e. Alaria, Laminaria, Sargassum, Durvillaea and Pelvetia.

05

- 6.15% Proteins
- 1.5% Fat
- 57.09% carbohydrates.
- vitamins are also found in brown algae.

Q2 Primitive and advance characters of Angiosperms.

Primitive characters

- Woody habit
- Terrestrial
- Perennials
- Leaves

04

advance characters

- Herbaceous habit
- Aquatic
- Annual
- Leaves compound

Incremental Growth among Slow Learner's

Sr. No	Roll No	Name of the Student	Pre Test Marks	Post Test Marks
1.	15022	Pratiksha R. Waratha	06	16
2.	15001	Rohit N. Gahala	04	14
3.	15014	Sonali C. Mahala	06	11
4.	15023	Vijay shelar	05	19
5.	15008	Harshada N. Wagh	07	18
6.	15009	Sandip P. Gahala	04	17

Syllabus cover

Sr. no	Date	Day	Topic cover	No. of lectures
8.	21/02/2023	Tuesday	Pre-test Use of algae as food, medicine, fodder: Indian perspective	01
9.	22/02/2023	Wednesday	Use of algae as food, medicine, fodder: Indian perspective	01
10.	23/02/2023	Thursday	Introductions to angiosperms: primitive and advance characters of Angiosperms	01
11.	24/02/2023	Friday	Role of enzymes in photosynthesis	01
12.	25/02/2023	Saturday	Physiology – Plant System	01
13.	27/02/2023	Monday	BAC and YAC, Branches of Genetic	01
14.	28/02/2023	Tuesday	Test	01

Department of Botany
Bridge Course Day Wise
Daily Attendance Sheet

Subject : Botany

Time : 02:20 pm to 03:00 pm

Class : MSc-I

Name of the Teacher : Prof. Asmita Raut.

Sr. No	Name of Student	21/02/2023	22/02/2023	23/02/2023	24/02/2023	25/02/2023	27/02/2023	28/02/2023
1.	Omkari M. Potdar	P	P	P	P	P	P	P
2.	Surabhi M. Rane	P	P	P	AB	P	P	P
3.	Shivangi D.Mishra	P	AB	P	P	P	P	P
4.	Gaurangi p. Katwate	P	P	P	P	AB	P	P
5.	Sanskruti S. Ghante	P	P	P	P	P	P	P
6.	Samruddhi Shenera	P	AB	P	P	P	P	P
7.	Rohit Gahala	P	P	P	P	P	P	P
8.	Yogita L. Mahala	P	AB	P	P	P	P	P
9.	Vijay shelar	P	P	P	P	P	P	P
10	Chandrakant L. Hindole	P	P	P	P	P	P	P
11	Yogita Mahala	P	AB	P	P	P	P	P
12	Sonali Thakare	P	AB	P	AB	P	AB	P
13	Sonali Mahala	P	AB	P	P	P	P	P

14	Harshda wagh	P	AB	P	P	P	P	P
15	Parvati singh	P	AB	P	P	AB	P	P
16	Sandip P. Gahala	P	P	P	AB	P	P	P
17	Sandesh B. Kom	AB	P	P	P	P	P	P

Pre Test Attendance

Date: 21/02/2023

Attendance Sheet
Msc-I - Pre-test

Event name: Bridge course Date: 21/02/2022

Sr. No.	Name of students	Class	Roll no	Sign
1	OmKasi Potdar	Msc-I	15004	<i>[Signature]</i>
2	Susabhi Rane	Msc-I	15004	<i>[Signature]</i>
3	shivangi Mishra	Msc-I	15004	<i>[Signature]</i>
4	Chausangi Katwate	Msc-I	15019	<i>[Signature]</i>
5	Sanskuti Ghante	Msc-I	15011	<i>[Signature]</i>
6	Samsuddhi shenasa	Msc-I	15021	<i>[Signature]</i>
7	Rohit Gahala	Msc-I	15001	<i>[Signature]</i>
8	Sandip Gahala	Msc-I	15009	<i>[Signature]</i>
9	Vijay shelar	Msc-I	15023	<i>[Signature]</i>
10	chandrakant hindole	Msc-I	15010	<i>[Signature]</i>
11	Yogita mahala	Msc-I	15003	<i>[Signature]</i>
12	Sonali Thakare	Msc-I	15014	<i>[Signature]</i>
13	Sonali mahala	Msc-I	15015	<i>[Signature]</i>
14	Harshada wagh	Msc-I	15008	<i>[Signature]</i>
15	Singh Parvati	Msc-I	15020	<i>[Signature]</i>
16	Sandip Gahala	Msc-I	15009	<i>[Signature]</i>
17	Sandesh kom	Msc-I	15002	<i>[Signature]</i> AB

[Signature]
(Amita P. Raut)

Post Test Attendance

Date: 28/02/2023

Attendance Sheet
M.Sc-I - Post-test

Event Name: Bridge course

Date: 28/02/2022

Sr. No.	Name of students	Class	Roll no	Sign
01	Omkari Potdar	M.Sc.I		
02	Surabhi Rane	-II-	15004	Omkari
03	Shivangi Mishra	M.Sc.I	15004	Shivangi
04	Gaurangi Katwate	M.Sc.I	15007	Gaurangi
05	Smita Nuti Ahanta	-II-	15017	Smita
06	Samsuddhi Shenasa	-II-	15011	Samsuddhi
07	Sandesh Kom	-II-	15021	Sandesh
08	Salil Mahala	-II-	15002	Salil
09	Sandip Mahala	M.Sc.I	15015	Sandip
10	Vijay Shelar	M.Sc.I	15003	Vijay
11	Chandhanika Hindole	M.Sc.II	15010	Chandhanika
12	Yasita Mahala	-II-	15003	Yasita
13	Sandli Mahala	-II-	15014	Sandli
14	Sandli Mahala	-II-	15013	Sandli
15	Harshada Wagh	-II-	15008	Harshada
16	Poojati Singh	-II-	15020	Poojati
17	Sandip Mahala	-II-	15009	Sandip

A. Raut
(Amrita P. Raut)

Department of Marathi



Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

(Best College - University of Mumbai)

(Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019')

Name of the Course	Bridge Course in Marathi 2022-23
Eligible Students	First Year MA (Marathi) Students, especially who were not learn Marathi at Under Graduate Level
Duration of the course	1 week (12 hour)
Time	1.00 p.m. to 3.00 p.m.
Venue	Department of Marathi Room No. 3
Date of Commencement	04 th October, 2022 to 09 th October, 2023
Concerned Faculties	Asst. Prof Vivek Kudu 9527091477 Asst. Prof Yadao Morey 9890823761 Asst. Prof Dr. Darshana Mhatre 9764255338 Shri Nilesh Patil 7057593885
About the Bridge Course	<p>This course is specially designed for the students who are disconnected with the subject of Marathi.</p> <p>An introductory orientation of the subject will help in creating interest and clear their basic concepts of subject.</p> <p>These sessions will help in better understanding of the core concepts of the subject.</p> <p>Expert faculties from neighbouring colleges and Department Teacher guide the students.</p>
Objectives	<p>To bridge the gap in the study of Marathi subject</p> <p>To create interest among the students about the subject</p> <p>To clear the basic concepts and ideology of the subject for better understanding</p>

	To introduce students the opportunities in the subject.
Outcome of the course	This course helped students in improving their subject knowledge and develop the confidence among them about understanding the subject with practical and experiments.



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NOTICE

Bridge Course in Marathi 2022-23

Department of Marathi

एम ए भाग एकसाठी प्रवेश घेतलेल्या वर्गातील विद्यार्थ्यांना सूचित करण्यात येत आहे की वर्गातील काही निवडूक मुलांसाठी **Bridge Course** वर्गाचे आयोजित करण्यात आले आहे, तरी संबंधित विद्यार्थ्यांनी या तासिकांना उपस्थित राहावे.

विद्यार्थ्यांनी नोंद घ्यावी :

- सर्वांनी उपस्थित राहणे अनिवार्य असेल.
- वर्गाची पूर्तता झाल्यानंतर त्यांची चाचणी घेतली जाईल याची नोंद घ्यावी.
- तासिका आणि चाचणी करिता उपस्थिती अनिवार्य आहे.

Bridge Course have been organized for the **MA Marathi** students whose performance is found to be dissatisfactory in the subject of **Marathi** at UG Level. All the concerned **MA Marathi** students are hereby informed to contact their respective teacher coordinator.

Further students may note that:

- It is mandatory for all the concerned students to attend **Bridge Course**
- The Test will be conducted for the **Bridge Course** twice during the period.
- Attendance for both the test is mandatory.

Asst. Prof. Vivek Kudu
Head of the Department
Department of Marathi

Schedule of the Bridge Course

Date	Topic	Speaker
04 th October 2022	Pre Course Evaluation	--
05 th October 2021	मध्ययुगीन साहित्य	Asst. Prof. Vivek Kudu Dept. of Marathi, Sonopant Dandekar College, Palghar
06 th October 2022	मराठी भाषा आणि भाषाविज्ञान	Asst. Prof. Yadao Morey , Dept. of Marathi, Sonopant Dandekar College, Palghar
07 th October 2022	मराठी व्याकरण	Asst. Prof. Jagdish Sansare , Dept. of Marathi, St. Joseph College, Satpala, Palghar
08 th October 2022	मराठी साहित्य आस्वाद आणि समीक्षा	Asst. Prof. Dr. Darshana Mhatre , Dept. of Marathi, Sonopant Dandekar College, Palghar
09 th October 2022	विविध साहित्यप्रकार	Asst. Prof. Vivek Kudu Dept. of Marathi, Sonopant Dandekar College, Palghar
09 th October 2022	Post Course Evaluation and Feedback	--

Asst. Prof. Yadao Morey

Incharge Faculty

Asst. Prof. Vivek Kudu

Head of the Department

Syllabus of Bridge Course

	Topic	Subtopics	Hrs
Module 1	मध्ययुगीन साहित्य	मराठीची पूर्वपीठिका, महानुभव पंथ, संत, पंत आणि तंत साहित्याची परंपरा	02
Module 2	मराठी भाषा आणि भाषाविज्ञान	भाषाविज्ञान म्हणजे काय? भाषाविज्ञानाचे फायदे, विविध अभ्यासपद्धती, काही महत्वाच्या संकल्पना	02
Module 3	मराठी व्याकरण	मराठी व्याकरण परिचय शब्दजाती, लिंग, वचन, विभक्ती विचार, प्रयोग विचार, काळविचार, शब्दसिद्धी	02
Module 4	मराठी साहित्य आस्वाद आणि समीक्षा	आस्वाद म्हणजे म्हणजे काय? अभिरुची म्हणजे काय? समीक्षेतील विविध संकल्पना वाचन, अर्थनिर्णय, विश्लेषण मूल्यमापन आणि शब्दांकन	02
Module 5	विविध साहित्यप्रकार	साहित्य प्रकार म्हणजे काय? कथा, कविता, नाटक, कादंबरी आणि इतर साहित्य प्रकारांचा परिचय	02

Schedule of the Course

Sr. No	Date	Topic	No of Hours
1	04 th October 2022	मैखिक पूर्व परीक्षा	01
2	05 th October 2022	मध्ययुगीन साहित्य	02
3	06 th October 2022	मराठी भाषा आणि भाषाविज्ञान	02
4	07 th October 2022	मराठी व्याकरण	02
5	08 th October 2022	मराठी साहित्य आस्वाद आणि समीक्षा	02
6	09 th October 2022	विविध साहित्यप्रकार	02
7	09 th October 2022	Evaluation and Feedback	01

Bridge Course
List of students

Sr. No.	Name of Student
1	CHAUDHARI JAGRUTI JANKIRAM
2	CHIPAT ROHIT RAMESH
3	DHODI RATIKA GOVIND
4	DODE NILESH RAVAJI
5	JADHAV SHILPA VASANT
6	JAIYASWAL DIKSHA RAJESH
7	KADU KAMU MAHADYA
8	KORADA SAVITA SHANKAR
9	PATIL ASHLESHA RAVINDRA RUCHITA
10	PATIL DEEPIKA ATMARAM
11	UMTOL SANTOSH SHANKAR

Signature
Head of the Department
Department of Marathi

Bridge Course Day Wise
Daily Attendance Sheet

Bridge Course Day Wise
Daily Attendance Sheet

Sr. No.	Name of Student	October 2022					
		04th	05th	06th	07th	08th	09th
1	CHAUDHARI JAGRUTI JANKIRAM	Jagruti	Jagruti	Jagruti		Jagruti	Jagruti
2	CHIPAT ROHIT RAMESH	Chipat	Chipat	Chipat	Chipat		Chipat
3	DHODI RATIKA GOVIND	R.Dhodi	R.Dhodi	R.Dhodi	R.Dhodi	R.Dhodi	R.Dhodi
4	DODE NILESH RAVAJI	N.Dode	N.Dode	N.Dode	N.Dode	N.Dode	N.Dode
5	JADHAV SHILPA VASANT	Shilpa	Shilpa	Shilpa	Shilpa	Shilpa	Shilpa
6	JAIYASWAL DIKSHA RAJESH	Dikshajswal	Dikshajswal	Dikshajswal	Dikshajswal	Dikshajswal	Dikshajswal
7	KADU KAMU MAHADYA	K	K		K	K	K
8	KORADA SAVITA SHANKAR	Korada	Korada	Korada	Korada	Korada	Korada
9	PATIL ASHLESHA RAVINDRA RUCHITA	Patil	Patil	Patil	Patil	Patil	Patil
10	PATIL DEEPIKA ATMARAM	Deepikap	Deepikap	Deepikap	Deepikap	Deepikap	Deepikap
11	UMTOL SANTOSH SHANKAR	SS.Umtol	SS.Umtol	SS.Umtol	SS.Umtol	SS.Umtol	SS.Umtol

U. Umthol
Signature
Head of the Department
Department of Marathi

सोनोपंत दांडेकर कला, वा.श्री.आपटे वाणिज्य आणि एम. एच. मेहता विज्ञान महाविद्यालय
पालघर

MA - MARATHI
(Bridge Course 2022-2023)
Pre Test Question Paper

वेळ : ३० मिनिटे

गुण २०

१. मुखावाटे निर्माण झालेल्या व भाषेत वापरल्या जाणाऱ्या ध्वनींना काय म्हणतात ?

अ)स्वर ब)स्वनिम क)पदिम ड)व्यंजन

२. भाषेत वापरल्या जाणाऱ्या ध्वनीला काय म्हणतात ?

अ)स्वन ब)अर्थ क)आशय ड)वाक्य

३. समूहात समाविष्ट असणाऱ्या ध्वनींना काय म्हणतात ?

अ)स्वन ब)स्वनिम क)स्वनांतरे ड)पदिम

४. महानुभाव पंथाची स्थापनाकोणी केली ?

अ)श्री चक्रधर स्वामी ब)संत एकनाथ क)नागदेवचार्य ड)कवी नरेंद्र

५. रुक्मिणी स्वयंवर हा ग्रंथ कोणी लिहला ?

अ)कवी नरेंद्र ब)भास्कर भट्ट क)रावलोव्यास ड)दामोदर पंडित

६. मराठी साहित्यात धवळे हा साहित्य प्रकार कोणी रूढ केला ?

अ)महदंबा ब)बहिणाबाई क)मुक्ताबाई ड)कान्होपात्रा

७. 'कलेकरिता कला' हा विचार कोणी मांडला?

अ)वि.स.खांडेकर ब)ना.सी.फडके क)बा.सी.मर्ढेकर ड)काका कालेलकर

८. 'चिमणरावांचे चऱ्हाट' हे विनोदी पुस्तक कोणी लिहिले?

अ)चि.वि.जोशी ब)गो.ग.लिमये क)पु.ल.देशपांडे ड)प्र.के.अत्रे

९. 'निवडक ठणठणपाळ' हे विनोदी पुस्तक कोणी लिहिले?

अ)जयवंत दळवी ब)पु.ल.देशपांडे क)राम गणेश गडकरी ड)चि.वि.जोशी

१० मनातील हर्ष ,दुःख ,आश्चर्य व्यक्त करणाऱ्या शब्दांना काय म्हणतात ?

अ)केवलप्रयोगी अव्यय ब)उभयान्वयी अव्यय क)क्रियाविशेषण ड)क्रियापद

सोनोपंत दांडेकर कला, वा.श्री.आपटे वाणिज्य आणि एम. एच. मेहता विज्ञान महाविद्यालय
पालघर

MA - MARATHI

(Bridge Course 2022-2023)

Post Test Question Paper

वेळ : ३० मिनिटे

गुण २०

१. मनातील हर्ष ,दुःख ,आश्चर्य व्यक्त करणाऱ्या शब्दांना काय म्हणतात ?

अ)केवलप्रयोगी अव्यय ब)उभयान्वयी अव्यय क)क्रियाविशेषण ड)क्रियापद

२.भाषेत वापरल्या जाणाऱ्या ध्वनीला काय म्हणतात ?

अ)स्वन ब)अर्थ क)आशय ड)वाक्य

३. समूहात समाविष्ट असणाऱ्या ध्वनींना काय म्हणतात ?

अ)स्वन ब)स्वनिम क)स्वनांतरे ड)पदिम

४. गुरुग्रंथसाहिबा' ह्या ग्रंथात कोणाचे अभंगसमाविष्ट आहेत ?

अ)संत नामदेव ब)संत एकनाथ क)संत तुकाराम ड)संत रामदास

५. रुक्मिणी स्वयंवर हा ग्रंथ कोणी लिहला ?

अ)कवी नरेंद्र ब)भास्कर भट्ट क)रावलोव्यास ड)दामोदर पंडित

६. मराठी साहित्यात धवळे हा साहित्य प्रकार कोणी रूढ केला ?

अ)महदंबा ब)बहिणाबाई क)मुक्ताबाई ड)कान्होपात्रा

७.'कलेकरिता कला' हा विचार कोणी मांडला?

अ)वि.स.खांडेकर ब)ना.सी.फडके क)बा.सी.मर्ढेकर ड)काका कालेलकर

८.'चिमणरावांचे चऱ्हाट' हे विनोदी पुस्तक कोणी लिहिले?

अ)चि.वि.जोशी ब)गो.ग.लिमये क)पु.ल.देशपांडे ड)प्र.के.अत्रे

९.'निवडक ठणठणपाळ' हे विनोदी पुस्तक कोणी लिहिले?

अ)जयवंत दळवी ब)पु.ल.देशपांडे क)राम गणेश गडकरी ड)चि.वि.जोशी

१०.मुखावाटे निर्माण झालेल्या व भाषेत वापरल्या जाणाऱ्या ध्वनींना काय म्हणतात?

अ)स्वर ब)स्वनिम क)पदिम ड)व्यंजन

Incremental growth among slow learners

Sr. No.	Name of the Student	Pre Test Marks	Post Test Marks
1	CHAUDHARI JAGRUTI JANKIRAM	8	16
2	CHIPAT ROHIT RAMESH	10	18
3	DHODI RATIKA GOVIND	12	20
4	DODE NILESH RAVAJI	08	14
5	JADHAV SHILPA VASANT	12	16
6	JAIYASWAL DIKSHA RAJESH	10	20
7	KADU KAMU MAHADYA	08	20
8	KORADA SAVITA SHANKAR	06	18
9	PATIL ASHLESHA RAVINDRA RUCHITA	14	16
10	PATIL DEEPIKA ATMARAM	08	18
11	UMTOL SANTOSH SHANKAR	08	20

Signature
Head of the Department
Department of Marathi



Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

(Best College - University of Mumbai)

(Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019')

Name of the Course	Bridge Course in Marathi 2022-2023
Eligible Students	FYBA (Marathi) Students, especially who were more knowledge of Marathi Language and Marathi Literature
Duration of the course	1 week (12 hour)
Time	1.00 p.m. to 3.00 p.m.
Venue	Department of Marathi Room No. 3
Date of Commencement	16 th August, 2022 to 10 th August, 2022
Concerned Faculties	Asst. Prof. Yadao Morey 9890823761 Asst. Prof. Vivek Kudu 9527091477
About the Bridge Course	<p>This course is specially designed for the students who are disconnected with the subject of Marathi.</p> <p>An introductory orientation of the subject will help in creating interest and clear their basic concepts of subject.</p> <p>These sessions will help in better understanding of the core concepts of the subject.</p> <p>Expert faculties from neighbouring colleges and Department Teacher guide the students.</p>
Objectives	<p>To bridge the gap in the study of Marathi subject</p> <p>To create interest among the students about the subject</p> <p>To clear the basic concepts and ideology of the subject for better understanding</p>

	To introduce students the opportunities in the subject.
Outcome of the course	This course helped students in improving their subject knowledge and develop the confidence among them about understanding the subject with practical and experiments.



Sonopant Dandekar Shikshan Mandali's
Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

NOTICE

Bridge Course in Marathi 2022-23

Department of Marathi

प्रथम वर्ष कला वर्गात प्रवेश घेतलेल्या वर्गातील मराठी विषयाच्या विद्यार्थ्यांना सूचित करण्यात येत आहे की वर्गातील काही निवडक मुलांसाठी **Bridge Course** वर्गाचे आयोजित करण्यात आले आहे, तरी संबंधित विद्यार्थ्यांनी या तासिकांना उपस्थित राहावे.

विद्यार्थ्यांनी नोंद घ्यावी :

- सर्वानी उपस्थित राहणे अनिवार्य असेल.
- वर्गाची पूर्तता झाल्यानंतर त्यांची चाचणी घेतली जाईल याची नोंद घ्यावी.
- तासिका आणि चाचणी करिता उपस्थिती अनिवार्य आहे.

Bridge Course have been organized for the FYBA students whose performance is found to be dissatisfactory in the subject of **Marathi** at UG Level. All the concerned **F.Y.B.A.** students are hereby informed to contact their respective teacher coordinator.

Further students may note that:

- It is mandatory for all the concerned students to attend **Bridge Course**
- The Test will be conducted for the **Bridge Course** twice during the period.
- Attendance for both the test is mandatory.

Asst. Prof. Vivek Kudu
Head of the Department
Department of Marathi

Schedule of the Bridge Course

Date	Topic	Speaker
01 August 2022	Pre Course Evaluation	--
15 August 2022	मराठी साहित्याचे प्रकार	Asst. Prof. Vivek Kudu Dept. of Marathi, Sonopant Dandekar College, Palghar
16 August 2022	मराठी भाषा	Asst. Prof. Yadao Morey , Dept. of Marathi, Sonopant Dandekar College, Palghar
17 August 2022	मराठी व्याकरण	Asst. Prof. Darshana Mhatre , Dept. of Marathi, Sonopant Dandekar College, Palghar
18 August 2022	मराठी साहित्यकृती	Asst. Prof. Darshana Mhatre , Dept. of Marathi, Sonopant Dandekar College, Palghar
19 August 2022	मराठी लेखन, वाचन आणि इतर कौशल्ये	Asst. Prof. Vivek Kudu Dept. of Marathi, Sonopant Dandekar College, Palghar
20 August 2022	Post Course Evaluation and Feedback	--

Asst. Prof. Yadao Morey

Incharge Faculty

Asst. Prof. Vivek Kudu

Head of the Department

Syllabus of Bridge Course

	Topic	Subtopics	Hrs
Module 1	मराठी साहित्याचे प्रकार	साहित्य प्रकार म्हणजे काय? कथा, कविता, नाटक, कादंबरी आणि इतर साहित्य प्रकारांचा परिचय	02
Module 2	मराठी भाषा	भाषा म्हणजे काय? भाषेची कार्ये, भाषेची वैशिष्ट्ये, भाषेचा क्षेत्रनिहाय वापर	02
Module 3	मराठी व्याकरण	मराठी व्याकरण परिचय शब्दजाती, लिंग, वचन, विभक्ती विचार, प्रयोग विचार, काळविचार, शब्दसिद्धी	02
Module 4	मराठी साहित्यकृती	साहित्यकृती म्हणजे काय? साहित्यकृतीची भाषा, साहित्यकृतीचे विविध घटक, उत्तम साहित्यकृतींचा परिचय	02
Module 5	मराठी लेखन, वाचन आणि इतर कौशल्ये	लेखन कसे असावे? वाचन कसे करावे? वकृत्व कसे करावे याचा परिचय	02

		आणि इतर भाषिक कौशल्ये कशी आत्मसात करावी यांची ओळख.	
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Schedule of the Course

Sr. No	Date	Topic	No of Hours
1	01 August 2022	मैखिक पूर्व परीक्षा	01
2	15 August 2022	मराठी साहित्याचे प्रकार	02
3	16 August 2022	मराठी भाषा	02
4	17 August 2022	मराठी व्याकरण	02
5	18 August 2022	मराठी साहित्यकृती	02
6	19 August 2022	मराठी साहित्याचे प्रकार	02
7	20 August 2022	Evaluation and Feedback	01

Bridge Course

List of Students

Sr. No.	Name of Student
1	TOKARE SACHIN SUNIL

2	VISHWAKARMA ANITA RAVIKANT
3	GUPTA KHUSHI UMESH
4	GHODA PRAMOD KAKAD
5	DUMADA AVINASH ARVIND
6	KINI TANVI KESARINATH
7	BEEJ ANJALI SANTOSH
8	DHODI TUSHAR ANIL
9	SARDAR KANCHAN KHITISH
10	DUBLA RAHUL LAXMAN
11	DUBLA AMIT KISAN
12	SOMVANSHI NIKHIL
13	CHAVAN KOMAL DAMU
14	PATHAK ATHARV SANADKUMAR
15	NIDANKAR DEEPALI CHANDRAKANT
16	CHAUDHARI DIVYA PRADEEP
17	CHAUHAN RAHUL TRILOKCHAND
18	DAULA AKSHAY BHAU
19	CHAUDHARI AJIT BHASKAR
20	DUBLA SAGAR ANIL

Signature
Head of the Department
Department of Marathi

सोनोपंत दांडेकर कला, वा.श्री. आपटे वाणिज्य आणि एम. एच. मेहता विज्ञान महाविद्यालय, पालघर

FYBA - MARATHI

(Bridge Course)

Pre Test Question Paper

वेळ : ३० मिनिटे

गुण २०

१. मराठी भाषेत एकूण किती स्वर आहेत ?

अ)बारा

ब)पंधरा

क)वीस

ड)चाळीस

२. कोसला या साहित्यकृतीचे लेखक कोण ?

अ)भालचंद्र नेमाडे

ब)राजन गवस

क)सानिया

ड)पु.ल.देशपांडे

३. नामाविषयी विशेष माहिती देणा-या शब्दास काय म्हणतात ?

अ)विशेषण

ब)क्रियापद

क)नाम

ड)शब्दयोगी अव्यय

४. महानुभाव पंथाची स्थापना कोणी केली ?

अ)श्री चक्रधर स्वामी

ब)संत एकनाथ

क)नागदेवचार्य

ड)कवी नरेंद्र

५. मनाचे श्लोक कोणी लिहले ?

अ)रामदास

ब)तुकाराम

क)ज्ञानेश्वर

ड)बहिणाबाई

६. अरे संसार संसार हि कविता कोणी लिहिली ?

अ)महदंबा

ब)बहिणाबाई

क)मुक्ताबाई

ड)कान्होपात्रा

७. खालील पैकी योग्य शब्द कोणता?

अ)शारीरिक

ब)शरीरीक

क)शारीरी क

ड)शारिरिक

८. 'चिमणरावांचे चऱ्हाट' हे विनोदी पुस्तक कोणी लिहिले?

अ)चि.वि.जोशी

ब)गो.ग.लिमये

क)पु.ल.देशपांडे

ड)प्र.के.अत्रे

९. खालील पैकी कोणाला ज्ञानपीठ पुरस्कार मिळाला नाही.

अ)वि. स. खांडेकर ब)पु. ल. देशपांडे क) भालचंद्र नेमाडे ड)विंदा करंदीकर

१० मनातील हर्ष, दुःख, आश्चर्य व्यक्त करणाऱ्या शब्दांना काय म्हणतात ?

अ)केवलप्रयोगी अव्यय ब)उभयान्वयी अव्यय क)क्रियाविशेषण ड)क्रियापद

सोनोपंत दांडेकर कला, वा.श्री.आपटे वाणिज्य आणि एम. एच. मेहता विज्ञान महाविद्यालय

FYBA - MARATHI

(Bridge Course 2022-23)

Post Test Question Paper

वेळ : ३० मिनिटे

गुण २०

१. मराठीतील पहिली कादंबरी कोणती ?

अ)यमुना पर्यटन ब)कोसला क)पण लक्षात कोण घेतो ड)मोचनगड

२. भाषेत वापरल्या जाणाऱ्या ध्वनीला काय म्हणतात ?

अ)स्वन ब)अर्थ क)आशय ड)वाक्य

३. भाषेच्या कोणत्या वैशिष्ट्यामुळे मानवाच्या कार्यशक्तीची बचत होते ?

अ)विशिष्टता ब)निर्मितीशीलता क)कालातीतता ड)द्विस्तरीय रचना

४. महानुभाव पंथाची स्थापना कोणी केली ?

अ)श्री चक्रधर स्वामी ब)संत एकनाथ क)नागदेवचार्य ड)कवी नरेंद्र

५. 'वृक्षवल्ली आम्हा सोयरी' असा अभाग कोणी लिहिला ?

अ)रामदास ब)तुकाराम क)ज्ञानेश्वर ड)बहिणाबाई

६. साहित्य संमेलन कशासाठी भरविले जाते ?

अ)साहित्य संस्कृती चर्चेसाठी ब)मनोरंजनासाठी क)राजकीय हेतू साठी
ड) फक्त साहित्यिक एकत्र यावे म्हणून

७. खालील पैकी कोणत्या साहित्य प्रकारात नाटय असते ?

अ)नाटक ब)कादंबरी क)कविता ड)कथा

८. पोवाडा आणि लावणी लिहिणा-यास काय म्हणतात?

अ)लेखक ब)बखरकार क)शाहीर ड)नकलाकार

९. ययाती ही कादंबरी कोणी लिहिली?

अ)जयवंत दळवी ब)पु.ल.देशपांडे क)राम गणेश गडकरी ड)वि. स. खांडेकर

१०. क्रियेबद्दल अधिक माहिती सांगणाऱ्या शब्दाला काय म्हणतात ?

अ)नाम ब)सर्वनाम क)क्रियापद ड)क्रियाविशेषण

Incremental Growth Among Slow Learners

Sr. No.	Name of the Student	Pre Test Marks	Post Test Marks
1	TOKARE SACHIN SUNIL	06	16
2	VISHWAKARMA ANITA RAVIKANT	08	18
3	GUPTA KHUSHI UMESH	08	18
4	GHODA PRAMOD KAKAD	05	16
5	DUMADA AVINASH ARVIND	06	16
6	KINI TANVI KESARINATH	06	16
7	BEEJ ANJALI SANTOSH	08	18
8	DHODI TUSHAR ANIL	10	16
9	SARDAR KANCHAN KHITISH	06	16
10	DUBLA RAHUL LAXMAN	08	18
11	DUBLA AMIT KISAN	06	16
12	SOMVANSHI NIKHIL	08	18
13	CHAVAN KOMAL DAMU	08	20
14	PATHAK ATHARV SANADKUMAR	06	18
15	NIDANKAR DEEPALI CHANDRAKANT	10	18
16	CHAUDHARI DIVYA PRADEEP	08	14
17	CHAUHAN RAHUL TRILOKCHAND	10	20

18	DAULA AKSHAY BHAU	06	16
19	CHAUDHARI AJIT BHASKAR	08	18
20	DUBLA SAGAR ANIL	08	16

Signature
Head of the Department
Department of Marathi

Department of Chemistry



Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

[Best College - University of Mumbai]

(Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019')

2022-23

Bridge Course on Instrumental Techniques

M.Sc. First Year Students

Time Table

Name of the Teachers – 1. Dr. Vaibhava More

2. Dr. Dilip Yadav

Duration: 7 Days, 14 hours

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday
Date	22/08/2022	23/08/2022	24/08/2022	25/08/2022	26/08/2022	27/08/2022	29/08/2022
Time	9.00 a.m. to 11.00 a.m	9.00 a.m. to 11.00 a.m	9.00 a.m. to 11.00 a.m	9.00 a.m. to 11.00 a.m	9.00 a.m. to 11.00 a.m	9.00 a.m. to 11.00 a.m	9.00 a.m. to 11.00 a.m

Bridge Course Syllabus

Sr. No.	Topic
1	Safety Precautions
2	Good Laboratory Practices
3	Chemical Calculations
4	Principle, working and hands-on training of pH meter
5	Principle, working and hands-on on training of conductometer
6	Principle, working and hands-on on training of potentiometer
7	Principle, working and hands-on on training of spectrophotometer

Teaching Plan

Monday Pre-test, Interactive session on safety precautions.

Tuesday	Theory lecture on Good Laboratory Practices.
Wednesday	Calculation and preparation of molar & normal solutions.
Thursday	Theory session and hands-on training on pH meter, conductometer
Friday	Theory session and hands-on training on potentiometer, spectrophotometer
Saturday	Revision & Doubt solving session
Monday	Post-assessment

Syllabus Coverage

Date	Day	Syllabus	Duration
12/09/2022	Monday	Pre-test, Interactive session on safety precautions.	2 hours
13/09/2022	Tuesday	Theory lecture on Good Laboratory Practices.	2 hours
14/09/2022	Wednesday	Calculation and preparation of molar & normal solutions.	2 hours
15/09/2022	Thursday	Theory session and hands-on training on pH meter, conductometer	2 hours
16/09/2022	Friday	Theory session and hands-on training on potentiometer, spectrophotometer	2 hours
17/09/2022	Saturday	Revision & Doubt solving session	2 hours
19/09/2022	Monday	Post-assessment	2 hours

Bridge Course on Instrumental Techniques

Test : Pre / Post

Year 2022-23

Max Marks - 20

20

Q. 1 Mark the correct option. (Each question carries two marks).

1. Which of the following is not a part of good laboratory practices?

- a) Use of test holder for concentrated acids
- b) Entering the laboratory without wearing apron
- c) Entering the laboratory without wearing apron
- d) Read MSDS data before use of any chemical

2. Spectrophotometer measures _____.

- a) Absorbance
- b) Conductance
- c) pH
- d) Turbidity

3. Which of the following electrode is used in potentiometer?

- a) Silver Electrode
- b) Conductivity cell
- c) Copper electrode
- d) Dropping mercury electrode

4. Glass electrode is also known as _____.

- a) Silver Electrode
- b) Metal insoluble electrode
- c) Dropping mercury electrode
- d) Ion selective electrode

5. The unit of cell constant is _____.

- a) cm^{-1}
- b) cm
- c) m^2
- d) mol.dm^3

6. A _____ is that electrode whose potential is known and remain constant.

- a) indicator electrode
- b) reference electrode
- c) pH electrode
- d) ion selective electrode

7. pH meter measures _____

- a) conductance
- b) turbidance
- c) pH
- d) absorbance

8. Principle of colorimetry based on _____

- a) Beer-Lambert's law
- b) Raoult's law
- c) Charle's Law
- d) Avogadro's law

9. Ultra Violet spectroscopy wavelength is _____.

- a) 200-300 nm
- b) 400-800 nm
- c) 800-1000 nm
- d) None of these

10. In conductometric titration, _____ of solution changes during the course of titration.

- a) conductance
- b) potential
- c) pH
- d) absorbance

Attendance

M.Sc. Bridge Course – Instrumental Techniques 2022-2023

Sr. No.	Name of the Student	12/09	13/09	14/09	15/09	16/09	17/09	19/09
1	SREE LAKSHMI BABY RAJAN	P	P	P	P	P	P	P
2	AHIRE BHARGAVEE CHHAGANLAL	P	P	P	P	P	P	P
3	AHIRAO DEWANG RAJENDRA	P	P	P	P	P	P	P
4	BARI PRATIK DINESH	P	P	P	P	P	P	P
5	BARI TRUSHNA RAVINDRA	P	P	P	P	P	P	P
6	BHOYE PRANALI MADHUKAR	P	P	P	P	P	P	P
7	BOHERE CHAITANYA RAJARAM	P	P	P	P	P	P	P
8	CHANDVADE AKASH MOTIRAM	P	P	A	P	P	P	P
9	CHAUDHARI HARDIK BHUPENDRA	P	P	P	P	P	P	P
10	CHAUDHARI HARSH KETAN	P	P	P	P	P	P	P
11	CHAUHAN PANKAJ MANOJ	P	P	P	P	P	P	P
12	CHAVAN GAURAV RAMESH	P	P	P	P	P	P	P
13	CHURI KSHITIJ JAGDISH	P	P	P	P	P	P	P
14	CHURI SRUSHTI NILESH	P	P	P	P	P	P	P
15	DALVI RAHUL MAHADEV	P	P	P	P	P	P	P
16	DHADGA SACHIN LAHANU	P	P	P	P	P	P	P
17	DHANGADA KAVITA NATHURAM	P	P	P	P	P	P	P
18	DIGHE AKANKSHA GOPAL	P	P	P	P	P	P	P
19	GAVANDHA DEEPALI SITARAM	P	P	P	P	P	P	P
20	GHARAT DISHA VASANT	P	P	P	P	A	P	P
21	GHARAT SUNNY ARVIND	P	P	P	P	P	P	P
22	GHORKHANA CHETAN JAYRAM	P	P	P	P	P	P	P
23	GORHEKAR DHANESH SANDIP	P	P	P	P	P	P	P
24	GOUD KALPANA DILIP	P	P	P	P	P	P	P
25	GUJAR RUTIK RAVINDRA	P	P	P	P	P	P	P
26	JANATHE JAYASWI LAXMAN	P	P	P	P	P	P	P
27	JONDHALEKAR AKSHIT JITENDRA	P	P	P	P	P	P	P
28	AHIRI	P	P	P	P	P	P	P
29	KADU ROSHANI NARESH	P	P	P	P	P	P	P
30	KADU SHRUTI VISHNU	P	P	P	P	P	P	P

**M.Sc. Bridge Course – Instrumental Techniques
2022-2023**

31	KATELA ANIKET RAMESH	P	P	P	P	P	P	P
32	KEKATE MAKARAND MANOHAR	P	P	P	P	P	P	P
33	KHARPADYA NILIMA MOHAN	P	P	P	P	P	P	P
34	KINI SAYALI SUDESH	P	P	P	P	P	P	P
35	KUSHWAHA ANJALI SHYAMSUNDAR	P	P	P	P	P	P	P
36	MACHHI MANOJ GANESH	P	P	P	P	P	P	P
37	MADHA SAPNA SURESH	P	P	P	P	P	P	P
38	MAHALA KAILAS RAMU	P	P	A	P	P	P	P
39	MANGE DEVIKA MALLINATH	P	P	P	P	P	P	P
40	MASARE ANUJA POPAT	P	P	P	P	P	P	P
41	MAULE DHANASHREE PRAKASH	P	P	P	P	P	P	P
42	MEHER SAKSHI DUSHYANT	P	P	P	P	P	P	P
43	MORE AMAN EKNATH	P	P	P	P	P	P	P
44	MOTHE AISHWARYA KISHOR	P	P	P	P	P	P	P
45	MUDALIAR DIKSHA CHANDRAKANT	P	P	P	P	P	P	P
46	PAL ANKITA RAMJEET	P	P	P	P	P	P	P
47	PANERE MANASVI PRABHAKAR	P	P	P	P	P	P	P
48	PANERE PRACHITI BALVANT	P	P	P	P	P	P	P
49	PARDHI RAHUL SUKAR	P	P	P	P	P	P	P
50	PATEL PRAGATI KANTILAL	P	P	P	P	P	P	P
51	PATIL APEKSHA SANTOSH	P	P	P	P	P	P	P
52	PATIL DIVYA MANGESH	P	P	P	P	P	P	P
53	PATIL DIVYATA TUKARAM	P	P	P	P	P	P	P
54	PATIL HRUSHIKESH RAMKRISHNA	P	P	P	P	P	P	P
55	PATIL KAUSTUBH PRAKASH	P	P	P	P	P	P	P
56	PATIL SALONI HEMANT	P	P	P	P	P	P	P
57	SAYALI ANKUSH PATIL	P	P	P	P	P	P	P
58	PATIL VAISHNAVI VIVEK	P	P	P	P	P	P	P
59	PAWADE SEJAL HARISHCHANDRA	P	P	P	P	P	P	P
60	POTINDA SHUBHANGI BHARAT	P	P	P	P	P	P	P
61	RAI PRIYANKA YADUNATH	P	P	P	P	P	P	P

**M.Sc. Bridge Course – Instrumental Techniques
2022-2023**

62	RANDHE VIKRAM RAJESH	P	P	P	P	P	P	P
63	RASHIWADE MONIKA VIKAS	P	P	P	P	P	P	P
64	RATHOD DISHABEN VIJAYSINH	P	P	P	P	P	P	P
65	RATHOD HONEY MITHALAL	P	P	P	P	P	P	P
66	RAUT HRUTIK RAMAN	P	P	P	P	P	P	P
67	RAUTE ANJALI D	P	P	P	P	P	P	P
68	SAGANE VIRAJ SHANKAR	P	P	P	P	P	P	P
69	SATDIVE PIYUSH ARUN	P	P	P	P	P	P	P
70	SHAH GULAMNABI RIYASAT	P	P	P	P	P	P	P
71	SHAIKH NAMIRA AMIN	P	P	P	P	P	P	P
72	SHEDGE TEJASVI SURYAKANT	P	P	P	P	P	P	P
73	SINGH ATUL RAJESH	P	P	P	P	P	P	P
74	SINGH PRIYA JAYPRAKASH	P	P	P	P	P	P	P
75	SINGH ROHIT KUMAR BASHISTH	P	P	P	P	P	P	P
76	SINGH VISHWAJEET KUMAR OMPRAKASH	P	P	P	P	P	P	P
77	TAMORE RHUTIKA GAJANAN	P	P	P	P	P	P	P
78	TANDEL MRUDULA NARENDRA	P	P	P	P	P	P	P
79	TARE AYURSHA NILESH	P	P	P	P	P	P	P
80	THAKARE ROSHANI JAYVANT	P	P	P	P	P	P	P
81	THAKUR ABHIDNYA BHUSHAN	P	P	P	P	P	P	P
82	TIWARI SHRISTY MANOJKUMAR	P	P	P	P	P	P	P
83	VALVI ROSHAN PARSHU	P	P	P	P	P	P	P
84	VARTAK PRAYUKTA MAHESH	P	P	P	P	P	P	P
85	VARTHA ASHWIN CHAITYA	P	P	P	P	P	P	P
86	VARTHA PRAJAKTA DEVJI	P	P	P	P	P	P	P
87	VAZE KANAK NITIN	P	P	P	P	P	P	P
88	YADAV ABHISHEK INDRADEO	P	P	P	P	P	P	P
89	YADAV AVINASH INDRAJEET	P	P	P	P	P	P	P
90	YADAV RIYA KRISHNADUTT	P	P	P	P	P	P	P
91	YADAV SHRADDHA AMARJEET	P	P	P	P	P	P	P
92	YADAV VIVEK SABHARAJ	P	P	P	P	P	P	P

2022-23

Bridge Course on Instrumental Techniques

Incremental growth among slow learners

*students mark with bold are come under slow learner category

Sr. No.	Name of the Student	Pre Test Marks	Post Test Marks
1	SREE LAKSHMI BABY RAJAN	09	15
2	AHIRE BHARGAVEE CHHAGANLAL	08	12
3	AHIRRAO DEWANG RAJENDRA	12	13
4	BARI PRATIK DINESH	13	16
5	BARI TRUSHNA RAVINDRA	07	18
6	BHOYE PRANALI MADHUKAR	12	16
7	BOHERE CHAITANYA RAJARAM	15	17
8	CHANDVADE AKASH MOTIRAM	14	16
9	CHAUDHARI HARDIK BHUPENDRA	14	18
10	CHAUDHARI HARSH KETAN	11	16
11	CHAUHAN PANKAJ MANOJ	09	17
12	CHAVAN GAURAV RAMESH	08	15
13	CHURI KSHITIJA JAGDISH	12	16
14	CHURI SRUSHTI NILESH	13	17
15	DALVI RAHUL MAHADEV	15	19
16	DHADGA SACHIN LAHANU	12	16
17	DHANGADA KAVITA NATHURAM	15	17
18	DIGHE AKANKSHA GOPAL	16	19
19	GAVANDHA DEEPALI SITARAM	11	16
20	GHARAT DISHA VASANT	09	15
21	GHARAT SUNNY ARVIND	08	16

22	GHORKHANA CHETAN JAYRAM	12	17
23	GORHEKAR DHANESH SANDIP	13	19
24	GOUD KALPANA DILIP	15	16
25	GUJAR RUTIK RAVINDRA	07	17
26	JANATHE JAYASWI LAXMAN	15	19
27	JONDHALEKAR AKSHIT JITENDRA	14	16
28	AHIRI	14	16
29	KADU ROSHANI NARESH	10	18
30	KADU SHRUTI VISHNU	14	16
31	KATELA ANIKET RAMESH	13	17
32	KEKATE MAKARAND MANOHAR	15	16
33	KHARPADYA NILIMA MOHAN	14	18
34	KINI SAYALI SUDESH	11	16
	KUSHWAHA ANJALI	09	17
35	SHYAMSUNDAR		
36	MACHHI MANOJ GANESH	08	15
37	MADHA SAPNA SURESH	12	17
38	MAHALA KAILAS RAMU	13	16
39	MANGE DEVIKA MALLINATH	15	18
40	MASARE ANUJA POPAT	12	16
41	MAULE DHANASHREE PRAKASH	15	17
42	MEHER SAKSHI DUSHYANT	16	15
43	MORE AMAN EKNATH	11	16
44	MOTHE AISHWARYA KISHOR	09	17
	MUDALIAR DIKSHA	08	19
45	CHANDRAKANT		
46	PAL ANKITA RAMJEET	12	16

47	PANERE MANASVI PRABHAKAR	13	16
48	PANERE PRACHITI BALVANT	15	18
49	PARDHI RAHUL SUKAR	10	16
50	PATEL PRAGATI KANTILAL	15	16
51	PATIL APEKSHA SANTOSH	14	16
52	PATIL DIVYA MANGESH	08	18
53	PATIL DIVYATA TUKARAM	11	16
54	PATIL HRUSHIKESH RAMKRISHNA	14	14
55	PATIL KAUSTUBH PRAKASH	13	16
56	PATIL SALONI HEMANT	15	18
57	SAYALI ANKUSH PATIL	07	16
58	PATIL VAISHNAVI VIVEK	11	17
59	PAWADE SEJAL HARISHCHANDRA	09	15
60	POTINDA SHUBHANGI BHARAT	08	17
61	RAI PRIYANKA YADUNATH	12	16
62	RANDHE VIKRAM RAJESH	13	18
63	RASHIWADE MONIKA VIKAS	15	16
64	RATHOD DISHABEN VIJAYSINH	09	17
65	RATHOD HONEY MITHALAL	15	15
66	RAUT HRUTIK RAMAN	14	16
67	RAUTE ANJALI D	14	19
68	SAGANE VIRAJ SHANKAR	11	16
69	SATDIVE PIYUSH ARUN	09	16
70	SHAH GULAMNABI RIYASAT	08	18
71	SHAIKH NAMIRA AMIN	12	16
72	SHEDGE TEJASVI SURYAKANT	13	17

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73	SINGH ATUL RAJESH	15	16
74	SINGH PRIYA JAYPRAKASH	12	18
75	SINGH ROHIT KUMAR BASHISTH	15	16
76	SINGH VISHWAJEET KUMAR OMPRAKASH	09	17
77	TAMORE RHUTIKA GAJANAN	11	15
78	TANDEL MRUDULA NARENDRA	12	17
79	TARE AYURSHA NILESH	13	16
80	THAKARE ROSHANI JAYVANT	15	18
81	THAKUR ABHIDNYA BHUSHAN	08	16
82	TIWARI SHRISTY MANOJKUMAR	15	17
83	VALVI ROSHAN PARSHU	14	15
84	VARTAK PRAYUKTA MAHESH	14	16
85	VARTHA ASHWIN CHAITYA	11	17
86	VARTHA PRAJAKTA DEVJI	09	19
87	VAZE KANAK NITIN	11	16
88	YADAV ABHISHEK INDRARAO	09	16
89	YADAV AVINASH INDRARAJ	08	18
90	YADAV RIYA KRISHNADUTT	12	16
91	YADAV SHRADDHA AMARJEET	13	16
92	YADAV VIVEK SABHARAJ	15	16

Signature
Head of the Department
Department of Chemistry

Geo Tag Photo of Bridge Courses



Signature
Head of the Department

Pre Test

Bridge Course on Instrumental Techniques

Test : Pre / Post

Year 2022-23

Name	Sunny Chaxad
Class	M.Sc I

Max Marks - 20

20

08
20

Q. 1 Mark the correct option. (Each question carries two marks).

1. Which of the following is not a part of good laboratory practices?

- a) Use of test holder for concentrated acids
- b) Entering the laboratory with ~~out~~ wearing apron
- ✓c) Entering the laboratory without wearing apron
- d) Read MSDS data before use of any chemical

2. Spectrophotometer measures _____.

- a) Absorbance
- b) Conductance
- c) pH
- ✓d) Turbidity

3. Which of the following electrode is used in potentiometer?

- a) Silver Electrode
- ✓b) Conductivity cell
- c) Copper electrode
- d) Dropping mercury electrode

4. Glass electrode is also known as _____.

- a) Silver Electrode
- b) Metal insoluble electrode
- ✓c) Dropping mercury electrode
- d) Ion selective electrode

5. The unit of cell constant is _____.

- a) cm^{-1}
- b) cm
- ✓c) m^2
- d) mol.dm^3

6. A _____ is that electrode whose potential is known and remain constant.

- ✓a) indicator electrode
- b) reference electrode
- c) pH electrode
- d) ion selective electrode

7. pH meter measures _____.

- a) conductance
- b) turbidity
- ✓c) pH
- d) absorbance

8. Principle of colorimetry based on _____

- a) Beer-Lambert's law
- b) Raoult's law
- c) Charle's Law
- d) Avogadro's law

9. Ultra Violet spectroscopy wavelength is _____.

- a) 200-300 nm
- b) 400-800 nm
- c) 800-1000 nm
- d) None of these

10. In conductometric titration, _____ of solution changes during the course of titration.

- a) conductance
- b) potential
- c) pH
- d) absorbance

Post Test

Bridge Course on Instrumental Techniques

Test : Pre / Post Year 2022-23

Name	Sunny Arharat
Class	M.Sc

Max Marks - 20

Q. 1 Mark the correct option. (Each question carries two marks).

1. Which of the following is not a part of good laboratory practices?

- a) Use of test holder for concentrated acids
- b) Entering the laboratory with ~~out~~ wearing apron
- ✓ c) Entering the laboratory without wearing apron
- d) Read MSDS data before use of any chemical

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- c) pH
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3. Which of the following electrode is used in potentiometer?

- a) Silver Electrode
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- c) Copper electrode
- ✓ d) Dropping mercury electrode

4. Glass electrode is also known as _____.

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- b) Metal insoluble electrode
- c) Dropping mercury electrode
- ✓ d) Ion selective electrode

5. The unit of cell constant is _____.

- ✓ a) cm^{-1}
- b) cm
- c) m^2
- d) mol.dm^3

6. A _____ is that electrode whose potential is known and remain constant.

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- ✓ b) reference electrode
- c) pH electrode
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- a) conductance
- b) turbidity
- ✓ c) pH
- d) absorbance

20
16
20

8. Principle of colorimetry based on _____

- a) Beer-Lambert's law
- b) Raoult's law
- c) Charle's Law
- d) Avogadro's law

9. Ultra Violet spectroscopy wavelength is _____.

- a) 200-300 nm
- b) 400-800 nm
- c) 800-1000 nm
- d) None of these

10. In conductometric titration, _____ of solution changes during the course of titration.

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- b) potential
- c) pH
- d) absorbance



Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts, V. S. Apte Commerce & M. H. Mehta Science College, Palghar

[Best College - University of Mumbai]

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Time Table

Name of the Teachers – Prof. Siddhi Mhatre, Prof. Arundhati Nighojkar, Prof. Parimal Kedare, Prof. Mrunmayi Churi, Dr. Suha Janwadkar, Prof. Himani More, Prof. Shrutika Raut, Dr. Dilip Yadav, Dr. Vaibhava More, Prof. Madhuri Varma, Prof. Prashant Mogle, Prof. Kaushik Mestry, Prof. Jaiba Shaikh

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
7.30 AM to 10.10 a.m.	FYBSC (P) SSM,AN PK,MC SPJ	FYBSC (P) SSM,AN SVR,HM JS	FYBSC (P) PK,HM AD,MC KM, SPJ	FYBSC (P) KM,DKY PVS,MV VSM, SPJ	FYBSC (P) SVR, HD DKY,SSP SSM	FYBSC (P) VSM,PK HD, PPM, MV

Bridge Course Syllabus

Basic Apparatus and Titration Techniques

Sr. No.	Topic
1	Pre-Test and Safety measures in Chemistry Laboratory
2	Introduction to apparatus and techniques in handling apparatus
3	Practical training in handling apparatus, Titration techniques
4	Titration techniques and Post Test

Teaching Plan

Day 1	Pretest on previous knowledge of apparatus used in Chemistry Laboratory and Titration Introduction and Discussion on Safety Measures
Day 2	Explanation and Practical learning of various apparatus and their techniques
Day 3	Practical Session on handling apparatus
Day 4	Practical Session on titration of Titration of 0.1N HCl against 0.1N Sodium Hydroxide and Post Test

Syllabus Duration

Date	Day	Syllabus	Duration
Dates are mentioned on the attendance sheet of batches.	As per the batches	Pre-test on previous knowledge of apparatus used in Chemistry Laboratory Introduction and Discussion on Safety Measures	2.5 hours
		Explanation and Practical learning of various apparatus and their techniques	2.5 hours

	Practical Session on handling apparatus and Pre-test based on titration	2.5 hours
	Practical Session on titration of Titration of 0.1N HCl against 0.1N Sodium Hydroxide and Post Test	2.5 hours

Bridge Course Day Wise Daily Attendance Sheet

Subject – Chemistry (Laboratory Techniques) Time – 7.30 a.m. to 10.10 a.m.

Class – F.Y.BSc.

Name of the Teachers – Prof. Siddhi Mhatre, Prof. Arundhati Nighojkar, Prof. Parimal Kedare, Prof. Mrunmayi Churi, Dr. Suha Janwadkar, Prof. Himani More, Prof. Shrutika Raut, Dr. Dilip Yadav, Dr. Vaibhava More, Prof. Madhuri Varma, Prof. Prashant Mogle, Prof. Kaushik Mestry, Prof. Jaiba Shaikh

*T indicates Test

Std. <u>F.Y. Bsc</u>		Batch I				
		PCM				
Roll No.	Name of the Student	24/08/23	25/08/23	01/09	08/09	T
2004	Dukale Prakash Nathuram	P	P	P	P	P
05	Amol Gangaram Bhoir	P	P	P	P	P
06	Swapnil Sunil Vasaetha	P	P	P	P	P
07	Nandhesh Antya Surav	P	P	P	P	P
08	Yadav Rishabh Dinesh	P	P	P	P	P
11	Jadhav Mayur Ramesh	P	P	P	P	A
14	Sahil Sanjay Gawad	P	P	P	P	P
16	Sanika Rajendra Patil	P	P	P	P	P
17	Disha krishankumar Ghorat	P	P	A	P	P
18	Yadav Pooja Sanjay	P	P	P	P	P
24	Gupta Anjali Bechulal	P	A	P	P	P
2134		A	A	A	A	A
2030	Narkhede Janinavi Chanchakant	P	P	A	A	A
2035		A	A	A	P	P
2038		A	P	P	P	P
2049	Ma Raut Mayank Arish	P	A	A	P	P
2053		A	A	P	P	A
2058	Yadav Amit Krishna	P	A	A	A	A
2062	Mahato Deepak Jaylal	P	P	P	P	P
2069	Vaibhav Jaxman Mhaskar	P	P	A	P	A
2068		A	A	A	A	A
2071	Swapnil Suresh Paudhi	P	P	A	P	P
2135	Nidhish Himesh Sankhe					

Std. _____		Batch II				
		PCM				
Roll No.	Name of the Student	24/08/23	25/08/23	01/09	08/09	T
2073	Nidhish Himesh Sankhe	P	A	P	P	P
75	Subodh Sandeep Jadhav	P	P	P	P	P
76		A	A	A	A	A
81		A	A	A	A	A
82	Aachal Vijay Gudi	P	P	P	P	P
85	Neha Praful More	P	P	P	P	P
90	Naik Chinmay Hatendra	P	P	P	P	P
89	Mehul Subhash Nair	P	P	P	P	P
95	Mansi Raju Gaikwad	P	P	P	P	P
105		A	A	A	A	A
107	Yash Suresh Mhaskar	P	P	A	A	P
108		A	A	A	A	A
109	Shweta Shrikant Panda	P	P	P	P	P
111	Shruti Ankush Gawad	P	P	P	P	P
113	Mahendra R. Shinde	A	A	A	A	A
114	Shriji Shekhar More	P	P	P	P	P
115	Khushi Raju Uppar	P	P	A	A	P
117	Manavi Sanjay Gawad	P	P	P	P	P
0003	Mayuri Prakash Vedaga	P	P		A	P
0011	Riddhi Santosh Tamore	P	P		A	P
0012	Manali Rajendra Davane	P	P		P	P
0015	Aditi Dilip Davane	P	A		P	P

Batch III

Std. F.Y. Bsc for the month of PCM

Roll No.	Name of the Student	22/08	29/8	30/8	06/09	12/09	T
0016	Roshan Bujad	P	A	P	A	P	
017	Pravin Golim	P	P	P	(A)	P	
018	Krushna Shingada	P	P	P	A	P	
023	Sneha Gowasi	P	P	P	P	P	
032	Paja Nayak	A	A	P	P	A	
034	Kunal Vedga	P	A	P	P	P	
035	Manav Mahale	P	P	P	P	P	
038	Jyoti Borat	P	P	P	A	A	
046	Zeba Tejani	P	P	P	P	P	
049	Jayram Marrya	A	P	P	P	P	
053	Aryan Meher	P	P	P	P	P	
054	Karan Nadage	P	P	P	P	P	
059	Bharmik Machhi	P	P	P	P	P	
061	Anika Mali	P	P	P	P	P	
062	Isha Mali	P	P	P	P	P	
065	Rohit Havate	A	P	P	A	P	
076	Parth Chamore	P	P	P	A	P	
077	Suchit Kasbat	A	P	P	(A)	P	
079	Raj Chaudhari	P	A	A	P	P	
080	Khan Sadika	P	P	P	P	P	

Batch IV

Std. F.Y. Bsc for the month of PCM

Roll No.	Name of the Student	22/08	29/8	30/8	06/09	12/09	T
90084	Rutuja Lade	P	A	P	A	P	
085	Nitish Varma	P	P	P	(A)	P	
095	Kaustubh Pimple	A	P	P	A	A	
096	Diksha Dhanawa	P	P	P	A	P	
102	Mukesh Pal	P	A	A	A	(A)	
103	Vaishnavi Patil	P	P	P	P	A	
111		A	A	A	A	A	
114	Srushti Patel	P	A	A	P	A	
118	Nisha Yadav	A	A	A	A	(A)	
119	Arnika Yadav	P	A	P	A	P	
125	Rahul Tambada		P	A	A	P	
127	Sakshi Taxe	P	P	P	P	P	
128	Siddhi Chaudhari	P	P	P	P	P	
132	Harsh Yadav	P	A	A	A	P	
136	Abhishek Singh	A	A	A	A	P	
137	Sanika Patil	P	A	A	A	P	
148		A	A	A	A	A	
152		P	P	P	A	A	
156		P	P	P	A	A	
158		P	P	P	A	A	
169						A	

Batch V

Batch VI

Std. F.Y.Bsc

PCM

for the month

Std. CBZ

CBZ

for the month

Roll No.	Name of the Student	26/08/22	27/8	09/09/22	10/9/22	16/09/22	Roll No.	Name of the Student	24/08/22	25/08/22	07/09/22	08/09/22	13/09/22
90181		.	.	.	.	.	1) 2001	Gharat Unnati Bharat	P	P	.	P	P
183		.	.	.	.	.	2) 02	yuvraj madhukar Bhusara	P	P	P	P	P
184	Sambana yadav	P	P	P	P	P	3) 03	Kanojiya Sakshi Manoj	P	P	.	P	.
191	shikha Singh	P	P	P	P	.	4) 09	Bhosrot Pellavi Subhash	P	P	.	.	.
192	Tanishq Jadhav	.	.	.	.	.	5) 10	Shaikh Shifa Irfan	P	P	P	P	P
194	Aditya Royat	P	P	P	P	.	6) 15	Gharat Disha Ajay	P	P	P	.	P
197	Abhishek Rai	.	.	P	P	P	7) 19	Singh Gunja Jitendra	P	P	P	P	P
198		.	.	.	.	.	8) 20	Chaudhari vijaya Ashok	P	P	.	P	P
201		P	P	P	P	P	9) 21	Punjara Amit Kamlakar	P	P	.	.	.
205	Pruthviraj Patil	P	P	P	P	P	10) 22	Bharati Vasant Sapta	P	1	.	.	P
207	Alok Gupta	.	P	P	A	P	11) 23	Jadhav Vaibhavi Ketan	P	P	P	P	P
208	Jeet sumda	P	.	P	P	P	12) 25	Pimple Riya Vikas	.	.	P	P	P
209		.	.	.	P	.	13) 27	Singh Sakshi Vijay	P	P	.	.	.
212		.	P	.	P	P	14) 28	Wade Rajesh Yash	P	P	P	P	P
222		P	P	.	.	.	15) 29	Dubey sneha sachchidanand	P	P	.	.	P
224	manasi Pujari	P	P	P	P	.	16) 31	Aftab Imtiyaz Shaikh	.	P	P	P	P
225		P	P	P	P	P	17) 32	Lakshmi Madhusoodan Nair	.	.	.	.	.
228	Priti Yadav	P	.	P	P	.	18) 33	Gosavi Piyush CHHOTUPURI	P	P	.	.	P
233		.	.	.	.	.	19) 34	Sawade Aaditi Manoj	P	.	.	.	.
238	Prasad Rane	.	.	.	.	.	20) 36	Yadav Akash Rajendra	P	P	P	P	.
240	Jayesh Raut	.	.	.	.	.	21) 37	Pimple Pooja Mahesh	P	P	P	P	.
242	Disha Naik	.	.	.	.	P	22) 39	Patil Pranjal Rajendra	P	P	.	.	P
							23) 90248	Dandekar Dattatraya Jay	P	P	P	P	P
							24) 90251						P

Batch VII

Std. F.Y. Bsc CBZ

for the month

Roll No.	Name of the Student	24/08/22	25/08	07/09/22	19/09/22	20/09/22
123) 2040						
224) 41	Grand Karan Rajnandan	P	P	P	P	P
315) 42	Raut Divyanshu Kishor	P			P	
226) 43					P	
529) 44						
128) 46	Andhale Sneha Narayan				P	P
224) 47	Avhad Priti Sambhaji					P
31) 48	Bhusare Vipul Mathukar	P	P	P	P	P
31) 50	Patil Sakshi Balwant	P	P	P	P	P
32) 51	Yadav Priyanshu Rangababur	P	P	P	P	P
33) 52	Sirjawanishi Aditya Masoti					
34) 54	Jadhav Nidhi Jayant	P	P	P	P	P
135) 55	Sonawane Gayatri Shantilal					
136) 56	Sonawane Gayatri Shantilal	P	P	P	P	P
137) 57						
138) 60	Tanvi Gorakhnath Thather	P	P	P	P	P
139) 61	Rahul Shankar Harvate	P	P	P	P	P
140) 63	Amrute Pravin Pradeep	P	P	P	P	P
122) 64	Sakshi Naynesh Kini	P	P	P	P	P
223) 65	Sejal Dipak Milana	P	P	P	P	P
224) 67		P		P	P	
225) 68	Alfiya Dilavaz Khan	P	P	P	P	P
2122	Ravita Mahodyenda			P	P	
2 2131	Pranali Dinesh Durgule					
2128	Komal Mahendro Singh					

Batch VIII

Std. _____

for the month

Roll No.	Name of the Student	29/8/22	30/8/22	06/09/22	12/09/22
90122	Khushboo Maurya	P	P	P	P
123	Aniket Patil	P	P	P	P
124	Ankita Sumada	P	P	P	P
126	Sanjay Khatali	P	P		
129	Aniket Pathor	P	P	P	P
130	Bhavanesh Bendre	P	P	P	P
131	Smit Patil	P	P		
133	Saurabh Pawade	P	P	A	A
134	Jeet Patil	P	P	P	
135	Prajyot Patil	P	P	P	P
138	Deepti Kadam	P	P	P	P
139	Rani Singh	P	P	P	P
140	Mohit Gharat	P	P		P
141	Shreyas Gharat	P	P		P
142	Pratik Patil	P	P	P	P
143	Jignesh Basvat	P	P	P	P
144					
145	Dhanashree Bairagi	P	P		P
146	Nitu Yadav	P	P		P
147	Ishwar Mor	P	P		P
149	Riya Dhanawade	P	P	P	P
157	Hasina Khan	P	P	P	P

Batch IX

Std. _____ CBZ for the month of _____

Roll No.	Name of the Student	26/08/19	27/08/19	29/08/19	30/08/19	T
2102	Sadiya Shaikh	P	P	P	P	P
103	Seema Palambil	P	P	P	P	P
104	Vaishnavi Kadu	P	P	P	P	P
106		P	P	P	P	P
110		P	P	P	P	P
112		P	P	P	P	P
116		P	P	P	P	P
90001		P	P	P	P	P
002		P	P	P	P	P
004		P	P	P	P	P
005	Vaishali Govami	P	P	P	P	P
006	Ankita Gavit	P	P	P	P	P
007	Ayush Pandey	P	P	P	P	P
008	Sunny Raut	P	P	P	P	P
009	Ayushi Machhi	P	P	P	P	P
010		P	P	P	P	P
013	Jyoti Jadhav	P	P	P	P	P
019		P	P	P	P	P
020		P	P	P	P	P
021	Raut Sahil Rajesh	P	P	P	P	P
022		P	P	P	P	P
024		P	P	P	P	P
2130	Deveshri Patil	P	P	P	P	P

Batch IX

Std. _____ CBZ for the month of _____

Roll No.	Name of the Student	26/08/19	27/08/19	29/08/19	30/08/19	T
90025		P	P	P	P	P
026		P	P	P	P	P
027	Tore Jidnyasa kanti	P	P	P	P	P
028		P	P	P	P	P
029	Pawar Yash Dinesh	P	P	P	P	P
030		P	P	P	P	P
031	Machhi Ashiti Anant	P	P	P	P	P
033	Amol Fadvale Amol Mohan	P	P	P	P	P
036		P	P	P	P	P
037	Avtar Tanvi Mohan	P	P	P	P	P
039	Raut Ratnesh Vikas	P	P	P	P	P
040	patil Mohit Pandharsi	P	P	P	P	P
041	Patil Shreya Santosh	P	P	P	P	P
043	Patil hitansha Sandeep	P	P	P	P	P
045	Rajbhan Rubmani Rambachan	P	P	P	P	P
047	Verma Ankush Arun	P	P	P	P	P
048		P	P	P	P	P
050	Atakasi Gauri Ravindra	P	P	P	P	P
051	Thakur vaishnavi Subodh	P	P	P	P	P
52		P	P	P	P	P
55		P	P	P	P	P

Batch XI

Std. _____ for the month _____

for the month _____

Roll No.	Name of the Student	27/08	09/09	10/09	16/09	T
56		P	P	P	P	P
90057	Pawade Priyal Dayanand	P	P	P	P	P
058	Machhi Nishant Ramesh	P	P	P	P	A
060		A	A	A	A	A
063		.	.	.	.	.
064	Gaikwad Shreya Rajesh	.	.	.	.	.
066		P	.	.	.	.
067	Sumada Ishani Umesh	P	P	P	P	P
068		P	.	.	A	P
069	KHAN HUSNA MOHIUDDIN	P	P	P	P	P
070	Varun Pulami Nayandra	.	.	.	P	P
071		P	.	.	.	.
073	Negi Rakhi Narendra	P	P	P	P	P
074		P	.	.	.	.
075		.	.	.	.	.
078	Pal Shrutama Nipunam	.	.	.	.	P
082		.	.	.	.	.
083	Lilka Sakshi	.	.	.	.	P
087	Mohit Aninash Patil	P	P	P	P	P
088		P	P	P	P	P
089		P	P	P	P	P
090		P	P	P	A	A
10056	Patil Astha Santosh	P	P	P	P	P
10072	Sigam vijay vadav.	P	P	P	P	P

Batch XII

Std. _____ for the month _____

for the month _____

Roll No.	Name of the Student	29/08	30/08/22	06/09/22	12/09/22	T
90091	Akash Charat	P	P	A	A	P
125	Shruti Patil	P	P	P	P	P
92		.	.	.	.	.
93		.	.	.	.	.
97	Suchita Vedga	P	.	.	.	.
98	Roshni Sagane	P	.	P	P	P
99	Sahil Jadhav	P	P	P	P	P
100	Tejal Kini	P	P	P	P	P
101	Ritesh Diva	.	P	A	A	A
104	Mahenoor Shaikh	P	.	.	.	.
105		.	.	.	.	.
106		.	.	.	.	.
107	Ashish Padvale	.	P	P	P	P
108	Pranchita Tare	P	P	P	P	P
109	Nikita Panaskar	P	P	P	P	P
110	Kartika Patil	P	P	P	P	P
112	Aarti Kanbjiya	P	P	P	P	P
113	Roshni Karbat	P	P	P	P	P
115	Dipesh Raut	P	P	P	.	P
116	Kailash Yadav	P	P	P	P	P
117	Yagant Tamore	P	P	P	P	P
120	Sumir Durnada	.	.	.	P	P
121	Maheshwar Yadav	P	P	.	P	P
90158	Mohini Sambere	.	.	.	.	P
2124	Bhumika Padil	.	.	.	.	P

Batch VIII

Std. _____

for the month

Roll No.	Name of the Student	27/8/22	30/8/22	06/09/22	12/09/22
90122	Khushboo Maurya	P	P	P	P
123	Aniket Patil	P	P	P	P
124	Ankita Sumada	P	P	P	P
126	Sanjay Khotali	P	P	.	.
129	Aniket Pathor	P	P	P	P
130	Bhavanesh Bendre	P	P	P	P
131	Smit Patil	P	P	.	.
133	Saurabh Pawade	P	P	A	A
134	Jeet Patil	P	P	P	.
135	Prajyot Patil	P	P	P	P
138	Deepthi Kadam	P	P	P	P
139	Rani Singh	P	P	P	P
140	Mohit Gharat	P	P	.	P
141	Shreyas Gharat	P	P	.	P
142	Pratik Patil	P	P	P	P
143	Jignesh Basvat	P	P	P	P
144		.	.	.	.
145	Dhanashree Bairagi	P	P	.	P
146	Nitu Yadav	P	P	P	P
147	Ishwar More	P	P	.	P
149	Riya Dhanawade	P	P	P	P
151	Hasina Khan	P	P	P	P
2121	Ruchika Patil	P	P	P	P

Batch XIV

Std. _____

for the month

Roll No.	Name of the Student	26/08	27/08	29/08	10/09	18/09
90153	Yatish Ananta Pujari	P	.	.	P	P
154	Muskan Rampratap Maurya	P	P	P	P	P
155	Saurabh Pradip Jain	P	P	A	P	.
157	Radheshyam .K. Yadav	P	P	P	P	P
159	Khushi Kishor papde	P	P	P	P	P
160	Khushi Nitesh Rajnish Rajlal yadav Patil	P	.	P	P	.
161	Rajnish Rajlal yadav	P	.	.	.	P
162	Vinay .D. Vishwakarma	P	P	P	.	P
164	Rahul Rajkumar Patil	P	P	P	P	P
165	Aarati S. Yadav	P	P	P	P	P
166	Suvaraha saidu soman	P	.	P	P	.
167	Apurna Tukaram Bhaguli	P	.	P	P	.
168	Anjali Madankumar Mahto	P	P	P	P	P
170		.	.	.	.	A
172	Rohit Dilip punjara	P	.	.	.	P
173	Lilavati Shankarbi Das	.	.	P	P	P
174		P	.	.	P	.
175		.	.	.	.	.
176	Manthan Jagdish pimple	P	P	.	.	P
177	Meet Nitin More	P	P	.	.	A
179	Shital sakharam kolhekar	P	P	P	P	P
163	Ayush Sanjay Patil	P	P	P	P	P

Batch XV

Std. _____ CBZ for the month of _____

Roll No.	Name of the Student	22/08	29/8/22	30/8/22	05/09/22	12/09/22
90180	Manasi Vinod Gori	P	P	P	P	.
182		P	P	.	.	P
185	Samarth Kundan Gharat	.	.	.	.	P
186		.	P	P	.	.
187	Sejal Vivek Thakur	P	P	P	P	P
188		.	.	.	.	.
189	Vaishnavi Rajan Dubla	P	.	P	.	P
190	Sanjana sushil Dha	P	P	P	P	P
193	Muskan hidayat Grawandi	P	.	P	.	P
195	Anjali Raghunath Parhad	P	P	P	P	P
196	Anjali Ganesh Vayeda	P	P	P	P	P
199	Manasi Anant Bhogale	P	P	P	.	P
200		.	.	.	.	.
202	Poonam Ramsurat Nishad	.	P	P	P	P
203		P	P	P	P	P
204		P	P	P	.	P
210		P	.	P	.	P
211		P	P	P	.	.
213	Yadav Parthaj Kumar Ramesh	P	P	.	P	P
214	Nitin Anil Dubey	P	P	P	.	P
215		P	P	P	P	.
216		.	.	.	.	.
90247		.	.	.	.	P

Batch XVI

Std. _____ for the month of _____

Roll No.	Name of the Student	24/08	25/08	07/09	08/09	14/09
90217	Kunjali D. Kose	P	P	P	P	P
218	Rohit Gagtap	.	.	.	.	P
219	Priyanka Korda	.	.	.	.	P
220	Asmita R. Dode	P	P	P	P	P
221	Reshamanta L. Bhavaz	P	P	P	P	P
223	Shalu S. Dubey	P	P	P	P	P
*226	Dhaval S. Chikhalikar	P	P	P	P	P
227	Priyanka R. Dalvi	P	P	P	P	P
229	Rahul A. Dabake	P	.	.	P	P
230		.	.	.	.	.
231	NAAZ SHAIKH	P	P	P	P	P
232	PRAMOD RABADE	P	.	P	.	.
234	Ganesh Salkar	P	P	.	P	P
235	JARA KOKE	P	P	P	P	.
236	Dolly S. Pandey	.	.	.	.	.
237	Anil A Sharma	.	.	.	.	.
239	Kaushik R. Dalvi	.	.	.	.	.
241	Vishal J. Ravavare	P	.	.	.	P
90044	Saxvesh S. Machhi	P	P	P	P	P
2119	Sai M. Patil	P	P	P	P	P
2126	Haridik M. Naik					P
90253	Shivangi M. Gupta					P
90219						P
90254	Kishan R. Singh					P
90258						P

Signature
 Head of the Department
 Department of Chemistry

F.Y.B.Sc. Bridge Course 2022-2023

Pre-Test based on Previous Knowledge of Apparatus

Max Marks - 20

Q. 1 Answer all the questions

1. Identify the apparatus placed on the table. (3M)
2. Name any two table reagents (2M)

Q.2 Titration of 0.1N HCl against 0.1N Sodium Hydroxide. (15M)

*The teacher allotted for the batch observed the techniques of titration performed by students and accordingly marks were given.

F.Y.B.Sc. 2022 - 2023

Sr.No.	Roll no.	Name of the student	Expected	Found	Error
1	2001	GHARAT UNNATI BHARAT	10ml	8.6	1.4
2	2002	BHUSARA YUVRAJ MADHUKAR		8.2	1.8
3	2003	KANOJIYA SAKSHI MANOJ		11.0	1.0
4	2004	DUKALE PRAKASH NATHURAM		11.5	1.5
5	2006	VARATHA SWAPNIL SUNIL		11.5	1.5
6	2007	GURAV NANDRESH ANTYA		12.2	2.2
7	2008	YADAV RISHABH DINESH		11.2	1.2
8	2009	BARAF PALLAVI SUBHASH		8.4	1.6
9	2010	SHAIKH SHIFA IRFAN		8.0	2.0
10	2011	JADHAV MAYUR RAMESH		12.5	2.5
11	2014	GAWAD SAHIL SANJAY		12.5	2.5
12	2015	GHARAT DISHA AJAY		12.0	2.0
13	2016	PATIL SANIKA RAJENDRA		12.0	2.0
14	2017	GHARAT DISHA KRISHANKUMAR		8.8	1.2
15	2018	YADAV POOJA SANJAY		9.0	1.0
16	2019	SINGH GUNJA JITENDRA		11.5	1.5
17	2020	CHAUDHARI VIJAYA ASHOK		11.2	1.2
18	2022	SAPTA BHARATI VASANT		12.0	2.0
19	2024	GUPTA ANJALI BECHULAL		8.5	1.5
20	2025	PIMPLE RIYA VIKAS		8.6	1.4
21	2028	WADE YASH RAJESH		8.8	1.2
22	2029	DUBEY SNEHA SACHCHIDANAND		8.4	1.6
23	2031	SHAIKH AFTAB IMTIYAZ		8.4	1.6
24	2032	NAIR LAKSHMI MADHUSOODANAN		8.8	1.2
25	2034	SARAWADE AADITI MANOJKUMAR		8.8	1.2
26	2037	PIMPLE POOJA MAHESH		11.2	1.2
27	2039	PATIL PRANJAL GAUTAM		11.2	1.2
28	2040	WADE TANISHQ MANMOHAN		11.5	1.5
29	2041	GOND KARAN RAJNANDAN		11.9	1.9
30	2042	RAUT DIVYANSHU KISHOR		11.8	1.8
31	2046	ANDHALE SNEHA NARAYAN		12.5	2.5
32	2047	AVHAD PRITI SAMBHAJI		8.0	2.0
33	2048	BHUSARA VIPUL MADHUKAR		8.2	1.8
34	2049	RAUT MAYANK AVISH		8.8	1.2
35	2050	PATIL SAKSHI BALWANT		12.2	2.2
36	2051	YADAV PRIYANSHU RANGABHADUR		11.9	1.9
37	2052	SURYAWANSHI ADITYA MAROTI		11.6	1.6

38	2053	GHEGAD PRATIKSHA PRAKASH		12.0	2.0
39	2056	SONAWANE GAYATRI SHANTILAL		12.2	2.2
40	2058	YADAV AMITKUMAR KRISHNAKUMAR		8.5	1.5
41	2060	THATHER TANVI GORAKHNATH		8.5	1.5
42	2061	HARVATE RAHUL SHANKAR		8.0	2.0
43	2062	MAHATO DEEPAK JAYLAL		8.5	1.5
44	2063	AMRUTE PRAVIN PRADEEP		8.8	1.2
45	2064	KINI SAKSHI NAYNESH		12.0	2.0
46	2065	MITANA SEJAL DIPAK		12.5	2.5
47	2066	MEHER HARDIK CHARUDATT		12.2	2.2
48	2067	GUPTA SATISH ANIL		11.8	1.8
49	2068	KHAN ALFIYA DILAVAR		12.2	2.2
50	2069	MHASKAR VAIBHAV LAKSHMAN		12.0	2.0
51	2070	KHANDARE SAMEER ANIL		8.8	1.2
52	2071	PARDHI SWAPNIL SURESH		8.8	1.2
53	2073	SANKHE NIDHISH HAMESH		8.6	1.4
54	2074	KOKATE NIKHIL SHIVAJI		8.0	2.0
55	2075	JADHAV SUBODH SANDEEP		8.2	1.8
56	2079	MALI DURVESH TUKARAM		8.5	1.5
57	2080	RAUT SRUSHTI SUBHASH		12.2	2.2
58	2082	GIRI AACHAL VIJAY		12.0	2.0
59	2083	MESHARAM SUNAYANA DEVENDRA		11.8	1.8
60	2084	PATIL SAYALI SUBHASH		12.2	2.2
61	2085	MORE NEHA PRAFUL		12.5	2.5
62	2086	MARKAM AMRUTA SURYABHAN		8.8	1.2
63	2087	GHARAT SHRUTI KIRAN		12.5	2.5
64	2088	TARE PRATHAMESH BHUPESH		12.2	2.2
65	2089	NAIR MEHUL SUBHASH		12.0	2.0
66	2090	NAIK CHINMAY HITENDRA		8.5	1.5
67	2091	GAWAD NIDHI SANJAY		8.2	1.8
68	2092	MACHHI AKSHADA JAYWANT		8.0	2.0
69	2093	PATIL POORVA MAHESH		8.5	1.5
70	2094	VADEKAR MANASWI HARESH		11.2	1.2
71	2095	GAIKWAD MANSI RAJU		11.8	1.2
72	2096	PATIL SRUSHTI PRAKASH		11.5	1.5
73	2098	GHARAT PARTH MANOHAR		8.5	1.5
74	2099	SAHANI ROHITKUMAR SHRIRAM		8.4	1.6
75	2100	PAGDHARE DEHARSH YOGESH		8.2	1.8
76	2101	SHAIKH SHIFA SAMIR		8.5	1.5
77	2102	SHAIKH SADIYA FARUKH		12.2	2.2
78	2103	PARAMBIL SEEMA SANTOSH		12.0	2.0

79	2104	KADU VAISHNAVI VILAS	12.0	2.0
80	2105	BHANDARI KAUSHIK PURAN	12.5	2.5
81	2106	TAMORE BHAIRAVI RAJENDRA	12.2	2.2
82	2107	MHASKAR YASH SURESH	11.8	1.8
83	2108	AMBEKAR RATILAL BABURAO	12.0	2.0
84	2109	PANDA SWETA SHRIKANT	12.5	2.5
85	2110	MORE PRAYAS CHIRANTAN	8.8	1.2
86	2111	GAWAD SHRUTI ANKUSH	8.5	1.5
87	2112	KADAV SIDDHESH SHANTARAM	8.8	1.2
88	2113	SHINDE MAHENDRA RAYCHAND	12.5	2.5
89	2114	MORE SHRITIJA SHEKHAR	12.2	2.2
90	2115	UPPAR KHUSHI RAJU	11.8	1.8
91	2116	MORE JANHAVI SUNIL	11.5	1.5
92	2117	GAWAD MANASVI SANJAY	12.5	2.5
93	2118	GHARAT APURVA SANTOSH	12.8	2.8
94	2119	PATIL SAI MAHENDRA	12.0	2.0
95	2121	PATIL RUCHIRA SUDHAKAR	12.5	2.5
96	2122	VAYEDA RAVITA MAHADYA	8.5	1.5
97	2123	SHAIKH ANAM NAUSHAD	8.0	2.0
98	2124	PATIL BHUMIKA SUNIL	8.2	1.8
99	2125	PATIL SHRUTI PRAVIN	12.2	2.2
100	2126	NAIK HARDIK MANOJ	12.0	2.0
101	2127	RAYKAR SAHIL SURESH	8.5	1.5
102	2128	SINGH KOMAL KANWAR MAHENDRA	8.0	2.0
103	2129	PAGDHARE AMAN SANDESH	8.5	1.5
104	2131	DURGULE PRANALI DINESH	8.8	1.2
105	2132	THAKUR JANHAVI MAHENDRA	12.2	2.2
106	2134	JOSHI TEJASHRI KIRTESH	12.0	2.0
107	2135	GAIKWAD YASHODEEP SUNIL	11.5	1.5
108	2136	VAGLODA AJIT MAHESH	12.2	2.2
109	90001	VALVI PRAKASH SANTOSH	9.0	1.0
110	90002	DHODI BHUMI SANTOSH	8.8	1.2
111	90005	GOVARI VAISHALI DINKAR	12.0	2.0
112	90006	GAVIT ANKITA SURESH	12.5	2.5
113	90007	PANDEY AYUSH RAKESH	11.8	1.8
114	90008	RAUT SUNNY MANGESH	11.5	1.5
115	90009	MACHHI AYUSHI ASHOK	12.0	2.0
116	90010	BHONDAVA AMIT DIPAK	12.2	2.2
117	90011	TAMORE RIDDHI SANTOSH	11.8	1.8
118	90012	DAVANE MANALI RAJENDRA	11.6	1.6
119	90013	JADHAV JYOTI KASHINATH	11.5	1.5

120	90015	DAVADA ADITI DILIP	12.2	2.2
121	90016	BUJAD ROSHAN RAMESH	12.5	2.5
122	90017	GOLIM PRAVIN PRAKASH	11.5	1.5
123	90018	SHINGADA KRUSHNA RAMU	11.8	1.8
124	90019	MANDAL VRUSHALI SANTOSH	11.8	1.8
125	90020	RAI TANISHA SANJAY	12.2	2.2
126	90021	RAUT SAHIL RAJESH	12.5	2.5
127	90022	MACHHI AKSHAY SURESH	12.0	2.0
128	90023	GOWARI SNEHA NARESH	12.2	2.0
129	90024	YADAV RAGINEE ASHOKKUMAR	12.2	2.0
130	90025	BHOIR HARDIK ARVIND	8.8	1.2
131	90026	NAIK AKSHATA NITIN	8.5	1.5
132	90027	TARE JIDNYASA KANTI	12.5	2.5
133	90028	PATIL YASH DAJI	12.2	2.2
134	90029	PAWAR YASH DINESH	11.8	1.8
135	90030	SINGH SAHIL SANJAY KUMAR	11.5	1.5
136	90031	MACHHI ASHITI ANANT	12.0	2.0
137	90032	NAYAK PUJA BABALOO	12.2	2.2
138	90033	FADVALE AMOL MOHAN	12.5	2.5
139	90034	VEDGA KUNAL SUNIL	12.5	2.5
140	90035	MAHALE MANAV MAHENDRA	11.8	1.8
141	90036	SHAH HUSAINA BASHEER	12.5	2.5
142	90037	AVTAR TANVI MOHAN	11.8	1.8
143	90038	BARAT JYOTI RADHA	11.5	1.5
144	90039	RAUT RATNESH VIKAS	11.8	1.8
145	90040	PATIL MOHIT PANDHARI	11.8	1.8
146	90041	PATIL SHREYA SANTOSH	12.5	1.5
147	90043	PATIL HITANSHA SANDEEP	12.2	2.2
148	90044	MACHHI SARVESH SANTOSH	12.5	0.5
149	90045	RAJBHAR RUKMANI RAMBACHAN	12.2	2.2
150	90046	TEJANI ZEBI ASHRAF	12.0	2.0
151	90047	VARMA ANKUSH ARUN	12.0	2.0
152	90048	DAPAT ROHIT RAJU	12.3	2.3
153	90049	MAURYA JAY RAMNIVAS	12.5	2.5
154	90050	ATAKARI GAURI RAVINDRA	12.0	2.0
155	90051	THAKUR VAISHNAVI SUBODH	8.5	1.5
156	90053	MEHER ARYAN CHANDRASHEKHAR	8.2	1.8
157	90054	NADAGE KARAN SANTOSH	8.0	2.0
158	90055	KHALIFA NAYYAR ASHFAQUE	8.6	1.4
159	90056	PATIL ASTHA SANTOSH	8.8	1.2
160	90057	PAWADE PRIYAL DAYANAND	12.0	1.2

161	90058	MACHHI NISHANT RAMESH	8.5	1.5
162	90059	MACHHI DHARMIK JAGANNATH	8.0	2.0
163	90060	RAUT RITIK JITENDRA	8.5	1.5
164	90061	MALI ANIKA HARSHAD	8.5	1.5
165	90062	MALI ISHA JAYAWANT	12.2	2.2
166	90063	GIRI KRISHNA SHANKAR	12.0	2.0
167	90064	GAIKWAD SHREYA RAJESH	8.2	1.8
168	90065	HARVATE ROHIT MOHAN	8.4	1.6
169	90066	GOWARI SAURAJ RAVINDRA	8.5	1.5
170	90067	SUMADA ISHANI UMESH	11.5	1.5
171	90068	BHOMBE SHARADA DIPAK	11.8	1.2
172	90069	KHAN HUSNA MOHIUDDIN	8.5	1.5
173	90070	PULAMI VARUN NAYANDRA	8.2	1.8
174	90071	GOVARI PUNAM RAVINDRA	8.5	1.5
175	90072	YADAV SIGAM VIJAY	12.0	2.0
176	90073	NEGI RAKHI NARENDRA	12.2	2.2
177	90074	GOWARI SHALINI SANTOSH	12.5	2.5
178	90075	SHELAR DIVYA PRAKASH	8.8	1.2
179	90076	CHAMRE PARTH YOGESH	12.2	2.2
180	90077	KARBAT SUCHIT SADASHIV	11.8	1.8
181	90078	PAL SHRITAMA NIRUPAM	8.0	2.0
182	90079	CHAUDHARI RAJ RAKESH	8.6	1.4
183	90080	KHAN SADIKA ATIKULLAH	8.8	1.2
184	90082	MORASE YOGESH MARUTI	12.0	2.0
185	90083	LILKA SAKSHI DATTU	11.8	1.8
186	90084	LADE RUTUJA RAMDAS	8.8	1.2
187	90085	VARMA NITISH MUNDRIKA	8.2	1.8
188	90087	PATIL MOHIT AVINASH	8.5	1.5
189	90088	SHAIKH KASHISH ABDULREHMAN	8.6	1.4
190	90090	JADHAV KAUSHAL BABAN	8.5	1.5
191	90091	GHARAT AKASH BABURAO	8.5	1.5
192	90095	PIMPLE KAUSTUBH SANTOSH	8.2	1.8
193	90096	DHANAWA DIKSHA PRAVIN	12.0	2.0
194	90097	VEDGA SUCHITA LAHANU	12.2	2.2
195	90098	SAGANE ROSHNI BACCHU	12.5	2.5
196	90099	JADHAV SAHIL SITARAM	8.2	1.8
197	90100	KINI TEJAL DINESH	12.5	2.5
198	90101	DIVA PRITESH PRAKASH	11.8	1.8
199	90102	PAL MUKESH DUDHNATH	8.8	1.2
200	90103	PATIL VAISHNAVI HEMANT	8.0	2.0
201	90104	SHAIKH MAHENOOR ASMAT		

202	90105	SHELAR MARIYA PRADEEP	9.0	1.0
203	90106	SHELAR PARAMVIR PRADEEP	8.0	2.0
204	90107	PADVALE ASHISH SACHIN	8.5	1.5
205	90108	TARE PRANCHITA DIPAK	11.6	1.6
206	90109	PANASKAR NIKITA BALASAHEB	11.5	1.5
207	90110	PATIL KARTIKA ARUN	12.0	2.0
208	90111	MHASKAR ROHAN RAVINDRA	12.2	2.2
209	90112	KANNAUJIYA AARTI ASHOK	11.4	1.4
210	90113	KARBAT ROSHANI MAHADU	8.2	1.8
211	90114	PATEL SRUSHTI NARESH	11.4	1.4
212	90115	RAUT DIPESH DASHRATH	8.6	1.4
213	90116	YADAV KAILASH DUDHANATH	8.5	1.5
214	90117	TAMORE YUGANT MANOJ	9.0	1.0
215	90118	YADAV NISHA ANIL	11.5	1.5
216	90119	YADAV ARNIKA PREMDHARI	11.2	1.2
217	90120	DUMADA SUMIR ASHOK	12.0	2.0
218	90121	YADAV MAHESHWAR INDIRESH	12.2	2.5
219	90122	MAURYA KHUSHBU RAMVILAS	8.8	1.2
220	90123	PATIL ANIKET PRAMOD	8.5	1.5
221	90124	SUMADA ANKITA GANESH	8.0	2.0
222	90125	TAMBADA RAHUL SANTOSH	8.2	1.8
223	90126	KHATALI SANJAY SADANAND	8.5	1.5
224	90127	TARE SAKSHI SANJAY	8.5	1.5
225	90128	CHAUDHARI SIDDHI HEMCHANDRA	9.0	1.0
226	90129	PATHOR ANIKET MUNESHKUMAR	8.8	1.2
227	90130	BENDRE BHAVANESH UDDHAV	11.5	1.5
228	90131	PATIL SMIT VAIBHAV	11.6	1.6
229	90132	YADAV HARSH PRAVIN	11.5	1.5
230	90134	PATIL JEET HARESHWAR	11.2	1.2
231	90135	PATIL PRAJYOT JAYWANT	11.0	1.0
232	90136	SINGH ABHISHEK RANDHIR	8.5	1.5
233	90137	PATIL SANIKA JAYKANT	8.5	1.5
234	90138	KADAM DIPTI TUKARAM	8.6	1.4
235	90139	SINGH RANI AKHILESH SINGH	8.5	1.5
236	90140	GHARAT MOHIT SANTOSH	9.0	1.0
237	90141	GHARAT SHREYASH SUBHASH	8.6	1.4
238	90142	PATIL PRATIK KALPESH	9.0	1.0
239	90143	BASVAT JIGNESH PRAKASH	11.0	1.0
240	90144	KAVATE VIKAS LAXI	11.5	1.5
241	90145	BAIRAGI DHANASHREE MADAN	11.2	1.2
242	90146	YADAV NITU RADHESHYAM	11.6	1.6

243	90147	MOR ISHWAR VASANT		9.0	1.0
244	90149	DHANAWADE RIYA SANTOSH		8.6	1.4
245	90151	KHAN HASINA BAKSHIS		8.8	1.2
246	90153	POOJARY YATHISH ANANTHA		8.2	1.8
247	90154	MAURYA MUSKAN RAMPRATAP		8.5	1.5
248	90155	JAIN SAURABH PRADIP		11.5	1.5
249	90156	YADAV SUMAN GUDDU		11.0	1.0
250	90157	YADAV RADHESHYAM KUBER		11.2	1.2
251	90158	SAMBARE MOHINI NATHURAM		11.5	1.5
252	90159	PAPDE KHUSHI KISHOR		11.8	1.8
253	90160	PATIL KHUSHI NILESH		8.5	1.5
254	90161	YADAV RAJNISH RAJLAL		8.6	1.4
255	90162	VISHWAKARMA VINAY DINESH		8.8	1.2
256	90164	PATIL RAHUL RAJKUMAR		8.0	2.0
257	90165	YADAV AARTI SHATRUGHAN		8.5	1.5
258	90168	MAHTO ANJALI MADANKUMAR		9.0	1.0
259	90169	SHINDE SHRENIKA PANDURANG		12.0	2.0
260	90170	PATIL TANAVI UMESH		12.2	2.2
261	90171	PARDHI SHRADHA MADHUKAR		11.0	1.0
262	90173	DAS LEELAVATIKUMARI SHANKARLAL		12.5	2.5
263	90174	KAMBAR BHAVESH SHIVA		12.2	2.2
264	90175	CHITODE AKSHAY VINOD		8.8	1.2
265	90176	PIMPLE MANTHAN JAGDISH		8.6	1.4
266	90178	YADAV ADITYA DEEPAK YADAV		8.0	2.0
267	90179	KOLHEKAR SHITAL SAKHARAM		11.5	1.5
268	90180	GORI MANSI VINOD		8.8	1.2
269	90181	GUPTA ABHISHEK MOHANLAL		8.5	1.5
270	90182	BHUSARE SHUBHAM RAVINDRA		8.0	2.0
271	90184	YADAV SANJANA GUDDU		12.2	2.2
272	90185	GHARAT SAMARTH KUNDAN		8.2	1.8
273	90186	PANDE YOGESH PURUSHOTTAM		8.5	1.5
274	90187	THAKUR SEJAL VIVEK		8.8	1.2
275	90188	RATHOD VIKAS GAJANAN		8.9	1.1
276	90189	DUBLA VAISHNAVI RAJAN		8.5	1.5
277	90190	OJHA SANJANA SUSHIL		9.0	1.0
278	90191	SINGH SHIKHA SANTOSH		11.2	1.2
279	90192	JADHAV TANISHQ SHIVAJI		11.2	1.2
280	90193	GAWANDI MUSKAN HIDAYAT		11.5	1.5
281	90194	RAYAT ADITYA NARESH		12.5	2.5
282	90195	PARHAD ANJALI RAGHUNATH		12.2	2.2
283	90196	VAYEDA ANJALI GANESH		12.0	2.0

243	90147	MOR ISHWAR VASANT		9.0	1.0
244	90149	DHANAWADE RIYA SANTOSH		8.6	1.4
245	90151	KHAN HASINA BAKSHIS		8.8	1.2
246	90153	POOJARY YATHISH ANANTHA		8.2	1.8
247	90154	MAURYA MUSKAN RAMPRATAP		8.5	1.5
248	90155	JAIN SAURABH PRADIP		11.5	1.5
249	90156	YADAV SUMAN GUDDU		11.0	1.0
250	90157	YADAV RADHESHYAM KUBER		11.2	1.2
251	90158	SAMBARE MOHINI NATHURAM		11.5	1.5
252	90159	PAPDE KHUSHI KISHOR		11.8	1.8
253	90160	PATIL KHUSHI NILESH		8.5	1.5
254	90161	YADAV RAJNISH RAJLAL		8.6	1.4
255	90162	VISHWAKARMA VINAY DINESH		8.8	1.2
256	90164	PATIL RAHUL RAJKUMAR		8.0	2.0
257	90165	YADAV AARTI SHATRUGHAN		8.5	1.5
258	90168	MAHTO ANJALI MADANKUMAR		9.0	1.0
259	90169	SHINDE SHRENIKA PANDURANG		12.0	2.0
260	90170	PATIL TANAVI UMESH		12.2	2.2
261	90171	PARDHI SHRADHA MADHUKAR		11.0	1.0
262	90173	DAS LEELAVATIKUMARI SHANKARLAL		12.5	2.5
263	90174	KAMBAR BHAVESH SHIVA		12.2	2.2
264	90175	CHITODE AKSHAY VINOD		8.8	1.2
265	90176	PIMPLE MANTHAN JAGDISH		8.6	1.4
266	90178	YADAV ADITYA DEEPAK YADAV		8.0	2.0
267	90179	KOLHEKAR SHITAL SAKHARAM		11.5	1.5
268	90180	GORI MANSI VINOD		8.8	1.2
269	90181	GUPTA ABHISHEK MOHANLAL		8.5	1.5
270	90182	BHUSARE SHUBHAM RAVINDRA		8.0	2.0
271	90184	YADAV SANJANA GUDDU		12.2	2.2
272	90185	GHARAT SAMARTH KUNDAN		8.2	1.8
273	90186	PANDE YOGESH PURUSHOTTAM		8.5	1.5
274	90187	THAKUR SEJAL VIVEK		8.8	1.2
275	90188	RATHOD VIKAS GAJANAN		8.9	1.1
276	90189	DUBLA VAISHNAVI RAJAN		8.5	1.5
277	90190	OJHA SANJANA SUSHIL		9.0	1.0
278	90191	SINGH SHIKHA SANTOSH		11.2	1.2
279	90192	JADHAV TANISHQ SHIVAJI		11.2	1.2
280	90193	GAWANDI MUSKAN HIDAYAT		11.5	1.5
281	90194	RAYAT ADITYA NARESH		12.5	2.5
282	90195	PARHAD ANJALI RAGHUNATH		12.2	2.2
283	90196	VAYEDA ANJALI GANESH		12.0	2.0

284	90197	RAI ABHISHEK RAJKUMAR	12.0	2.0
285	90199	BHOGALE MANSI ANANT	12.5	2.5
286	90200	KUDU BIPIN NAROTTAM	12.3	2.3
287	90201	BORKAR TRIVENI REWCHAND	12.5	2.5
288	90202	NISHAD POONAM RAMSURAT	12.2	2.2
289	90203	WADHIYA RITIKA GULAB	12.5	2.5
290	90204	LAHANGE VIPUL MORESHWAR	11.2	1.2
291	90205	PATIL PRUTHVIRAJ KISHOR	11.5	1.5
292	90207	GUPTA ALOK RAMASHISH	11.6	1.6
293	90208	SUMDA JEET SANJAY	11.5	1.5
294	90209	SINGH GULSHAN ARVIND	12.0	2.0
295	90210	YADAV ANCHAL UMASHANKAR	12.2	2.2
296	90211	MOHANKAR VAIBHAV SANTOSH	11.5	1.5
297	90213	YADAV PANKAJ RAMESH	11.8	1.8
298	90214	DUBEY NITIN ANIL KUMAR	11.5	1.5
299	90215	KUSHWAHA NEHA PREMSHANKAR	11.6	1.6
300	90218	JAGTAP ROHIT SUDAM	11.7	1.7
301	90219	KORDA PRIYANKA LAXMAN	11.9	1.9
302	90220	DODE ASMITA RAGHUNATH	12.0	2.0
303	90221	BHAVAR RESHAMANTA LAHANU	8.5	1.5
304	90223	DUBEY SHALU SHRAVAN	8.8	1.2
305	90224	PUJARI MANASI BHASKAR	8.6	1.4
306	90225	LUCKYRAJ NIRAJ SINGH	8.5	1.5
307	90227	DALVI PRIYANKA RAGHU	12.0	2.0
308	90228	YADAV PRITI HANUMAN	12.2	2.2
309	90229	DABAKE RAHUL ANANTA	11.5	1.5
310	90230	KUSHWAHA ANKIT OMPRAKASH	11.2	1.2
311	90231	SHAIKH NAZ MOHAMMADUMAR	11.5	1.5
312	90232	RABADE PRAMOD MADHU	8.8	1.2
313	90233	YADAV HARIOM SHIVSHANKAR	8.5	1.5
314	90234	SALKAR GANESH GANPAT	9.0	1.0
315	90236	PANDEY DOLLY SHAILESH	8.8	1.2
316	90237	SHARMA ANIL AJAY	8.5	1.5
317	90238	RANE PRASAD SANTOSH	8.2	1.8
318	90239	DALVI KAUSHIK RAMESH	11.6	1.6
319	90240	RAUT JAYESH GANPAT	11.6	1.6
320	90241	VAVARE VISHAL TRIMBAK	8.5	1.5
321	90242	NAIK DISHA AMRUT	8.3	1.7
322	90247	GHUTE GAURAV VIJAY	8.9	1.1
323	90248	DANDEKAR JAY DATTATRAY	8.5	1.5
324	90249	VAYEDA KAILAS MAHADYA	8.5	1.5

325	90250	TANDEL ADHIT DHARMENDRA	9.0	1.0
326	90253	GUPTA SHIVANGI MAYARAM	8.5	1.5
327	90254	SINGH KISAN RAJESH	12.0	2.0
328	90255	MALIK ZUHA ABID	12.2	2.2
329	90257	HAJARE SAKSHI JALINDAR	11.8	1.8
330	90258	GOVIND VIDYASHRI VINAYAK	11.5	1.5
331	90259	MANGAT SUNIL ARJUN	11.7	1.7
332	90260	SINGH HARIDAS RAMJANAM	11.5	1.5

F.Y.B.Sc. Bridge Course (Post - Test) 2022-2023

1. Titration of 0.1N HCl against 0.1N Sodium Hydroxide.

Marks - 15

F.Y.B.Sc. 2022 - 2023					
Sr.No.	Roll no.	Name of the student	Expected	Found in mL	Error
1	2001	GHARAT UNNATI BHARAT	10 mL	9.3	0.7
2	2002	BHUSARA YUVRAJ MADHUKAR		9.4	0.6
3	2003	KANOJIYA SAKSHI MANOJ		9.3	0.7
4	2004	DUKALE PRAKASH NATHURAM		9.5	0.5
5	2006	VARATHA SWAPNIL SUNIL		9.6	0.4
6	2007	GURAV NANDRESH ANTYA		9.5	0.5
7	2008	YADAV RISHABH DINESH		9.8	0.2
8	2009	BARAF PALLAVI SUBHASH		9.4	0.6
9	2010	SHAIKH SHIFA IRFAN		9.7	0.3
10	2011	JADHAV MAYUR RAMESH		9.9	0.1
11	2014	GAWAD SAHIL SANJAY		9.4	0.6
12	2015	GHARAT DISHA AJAY		9.2	0.8
13	2016	PATIL SANIKA RAJENDRA		9.4	0.6
14	2017	GHARAT DISHA KRISHANKUMAR		9.3	0.7
15	2018	YADAV POOJA SANJAY		9.4	0.6
16	2019	SINGH GUNJA JITENDRA		9.1	0.9
17	2020	CHAUDHARI VIJAYA ASHOK		9.6	0.4
18	2022	SAPTA BHARATI VASANT		9.5	0.5
19	2024	GUPTA ANJALI BECHULAL		9.5	0.5
20	2025	PIMPLE RIYA VIKAS		9.2	0.8
21	2028	WADE YASH RAJESH		9.6	0.4
22	2029	DUBEY SNEHA SACHCHIDANAND		10.0	0.0
23	2031	SHAIKH AFTAB IMTIYAZ		9.7	0.3
24	2032	NAIR LAKSHMI MADHUSOODANAN		9.6	0.4
25	2034	SARAWADE AADITI MANOJKUMAR		9.2	0.8
26	2037	PIMPLE POOJA MAHESH		9.4	0.6
27	2039	PATIL PRANJAL GAUTAM		9.5	0.5
28	2040	WADE TANISHQ MANMOHAN		9.7	0.3
29	2041	GOND KARAN RAJNANDAN		9.2	0.8
30	2042	RAUT DIVYANSHU KISHOR		9.2	0.8
31	2046	ANDHALE SNEHA NARAYAN		9.3	0.7
32	2047	AVHAD PRITI SAMBHAJI		9.9	0.1
33	2048	BHUSARA VIPUL MADHUKAR		9.4	0.6
34	2049	RAUT MAYANK AVISH		9.5	0.5
35	2050	PATIL SAKSHI BALWANT		9.2	0.8
36	2051	YADAV PRIYANSHU RANGBAHADUR		9.5	0.5
37	2052	SURYAWANSHI ADITYA MAROTI		9.8	0.2

38	2053	GHEGAD PRATIKSHA PRAKASH		9.3	0.7
39	2056	SONAWANE GAYATRI SHANTILAL		9.5	0.5
40	2058	YADAV AMITKUMAR KRISHNAKUMAR		9.4	0.6
41	2060	THATHER TANVI GORAKHNATH		9.6	0.4
42	2061	HARVATE RAHUL SHANKAR		9.5	0.5
43	2062	MAHATO DEEPAK JAYLAL		10.0	0.0
44	2063	AMRUTE PRAVIN PRADEEP		9.4	0.6
45	2064	KINI SAKSHI NAYNESH		9.4	0.6
46	2065	MITANA SEJAL DIPAK		9.3	0.7
47	2066	MEHER HARDIK CHARUDATT		9.5	0.5
48	2067	GUPTA SATISH ANIL		9.2	0.8
49	2068	KHAN ALFIYA DILAVAR		9.1	0.9
50	2069	MHASKAR VAIBHAV LAKSHMAN		9.6	0.4
51	2070	KHANDARE SAMEER ANIL		9.6	0.4
52	2071	PARDHI SWAPNIL SURESH		9.8	0.2
53	2073	SANKHE NIDHISH HAMESH		9.5	0.5
54	2074	KOKATE NIKHIL SHIVAJI		9.2	0.8
55	2075	JADHAV SUBODH SANDEEP		9.4	0.6
56	2079	MALI DURVESH TUKARAM		9.4	0.6
57	2080	RAUT SRUSHTI SUBHASH		9.3	0.7
58	2082	GIRI AACHAL VIJAY		9.1	0.9
59	2083	MESHARAM SUNAYANA DEVENDRA		9.5	0.5
60	2084	PATIL SAYALI SUBHASH		9.6	0.4
61	2085	MORE NEHA PRAFUL		9.8	0.2
62	2086	MARKAM AMRUTA SURYABHAN		9.2	0.8
63	2087	GHARAT SHRUTI KIRAN		9.2	0.8
64	2088	TARE PRATHAMESH BHUPESH		9.5	0.5
65	2089	NAIR MEHUL SUBHASH		9.5	0.5
66	2090	NAIK CHINMAY HITENDRA		9.9	0.1
67	2091	GAWAD NIDHI SANJAY		9.7	0.3
68	2092	MACHHI AKSHADA JAYWANT		9.7	0.3
69	2093	PATIL POORVA MAHESH		9.6	0.4
70	2094	VADEKAR MANASWI HARESH		9.2	0.8
71	2095	GAIKWAD MANSI RAJU		9.5	0.5
72	2096	PATIL SRUSHTI PRAKASH		9.4	0.6
73	2098	GHARAT PARTH MANOHAR		9.9	0.1
74	2099	SAHANI ROHITKUMAR SHRIRAM		9.3	0.7
75	2100	PAGDHARE DEHARSH YOGESH		9.1	0.9
76	2101	SHAIKH SHIFA SAMIR		9.4	0.6
77	2102	SHAIKH SADIYA FARUKH		9.5	0.5
78	2103	PARAMBIL SEEMA SANTOSH		9.4	0.6

79	2104	KADU VAISHNAVI VILAS	9.6	0.4
80	2105	BHANDARI KAUSHIK PURAN	9.3	0.7
✓81	2106	TAMORE BHAIRAVI RAJENDRA	9.0	1.0
82	2107	MHASKAR YASH SURESH	9.4	0.6
83	2108	AMBEKAR RATILAL BABURAO	9.3	0.7
84	2109	PANDA SWETA SHRIKANT	9.3	0.7
✓85	2110	MORE PRAYAS CHIRANTAN	9.2	0.8
86	2111	GAWAD SHRUTI ANKUSH	10.0	0.0
87	2112	KADAV SIDDHESH SHANTARAM	9.5	0.5
88	2113	SHINDE MAHENDRA RAYCHAND	9.5	0.5
89	2114	MORE SHRITUA SHEKHAR	9.6	0.4
90	2115	UPPAR KHUSHI RAJU	9.4	0.6
✓91	2116	MORE JANHAVI SUNIL	9.1	0.9
✓92	2117	GAWAD MANASVI SANJAY	9.1	0.9
93	2118	GHARAT APURVA SANTOSH	9.4	0.6
84	2119	PATIL SAI MAHENDRA	9.8	0.2
95	2121	PATIL RUCHIRA SUDHAKAR	9.5	0.5
✓96	2122	VAYEDA RAVITA MAHADYA	9.0	1.0
97	2123	SHAIKH ANAM NAUSHAD	9.6	0.4
98	2124	PATIL BHUMIKA SUNIL	9.6	0.4
99	2125	PATIL SHRUTI PRAVIN	9.4	0.6
✓100	2126	NAIK HARDIK MANOJ	9.2	0.8
✓101	2127	RAYKAR SAHIL SURESH	9.2	0.8
102	2128	SINGH KOMAL KANWAR MAHENDRA	9.4	0.6
8103	2129	PAGDHARE AMAN SANDESH	9.9	0.1
104	2131	DURGULE PRANALI DINESH	9.5	0.5
105	2132	THAKUR JANHAVI MAHENDRA	9.6	0.4
106	2134	JOSHI TEJASHRI KIRTESH	9.7	0.3
✓107	2135	GAIKWAD YASHODEEP SUNIL	9.0	1.0
✓108	2136	VAGLODA AJIT MAHESH	9.1	0.9
✓109	90001	VALVI PRATIK SANTOSH	9.5	0.5
8110	90002	DHODI BHUMI SANTOSH	9.8	0.2
111	90005	GOVARI VAISHALI DINKAR	9.6	0.4
112	90006	GAVIT ANKITA SURESH	9.6	0.4
113	90007	PANDEY AYUSH RAKESH	9.7	0.3
✓114	90008	RAUT SUNNY MANGESH	9.2	0.8
8115	90009	MACHHI AYUSHI ASHOK	9.9	0.1
116	90010	BHONDAVA AMIT DIPAK	9.5	0.5
117	90011	TAMORE RIDDHI SANTOSH	9.4	0.6
118	90012	DAVANE MANALI RAJENDRA	9.3	0.7
119	90013	JADHAV JYOTI KASHINATH	9.4	0.6

120	90015	DAVADA ADITI DILIP	9.4	0.6
121	90016	BUJAD ROSHAN RAMESH	9.3	0.7
122	90017	GOLIM PRAVIN PRAKASH	9.5	0.5
123	90018	SHINGADA KRUSHNA RAMU	9.6	0.4
124	90019	MANDAL VRUSHALI SANTOSH	9.3	0.7
125	90020	RAI TANISHA SANJAY	9.4	0.6
✓126	90021	RAUT SAHIL RAJESH	9.2	0.8
127	90022	MACHHI AKSHAY SURESH	9.5	0.5
8128	90023	GOWARI SNEHA NARESH	9.8	0.2
129	90024	YADAV RAGINEE ASHOKKUMAR	9.7	0.3
130	90025	BHOIR HARDIK ARVIND	9.4	0.6
✓131	90026	NAIK AKSHATA NITIN	9.0	1.0
132	90027	TARE JIDNYASA KANTI	9.3	0.7
133	90028	PATIL YASH DAJI	9.5	0.5
8134	90029	PAWAR YASH DINESH	9.9	0.1
135	90030	SINGH SAHIL SANJAY KUMAR	9.6	0.4
136	90031	MACHHI ASHITI ANANT	9.5	0.5
137	90032	NAYAK PUJA BABALOO	9.3	0.7
✓138	90033	FADVALE AMOL MOHAN	9.1	0.9
139	90034	VEDGA KUNAL SUNIL	9.4	0.6
8140	90035	MAHALE MANAV MAHENDRA	9.8	0.2
141	90036	SHAH HUSAINA BASHEER	9.5	0.5
142	90037	AVTAR TANVI MOHAN	9.4	0.6
✓143	90038	BARAT JYOTI RADHA	9.2	0.8
144	90039	RAUT RATNESH VIKAS	9.3	0.7
8145	90040	PATIL MOHIT PANDHARI	10.0	0.0
146	90041	PATIL SHREYA SANTOSH	9.4	0.6
✓147	90043	PATIL HITANSHA SANDEEP	9.1	0.9
✓148	90044	MACHHI SARVESH SANTOSH	9.0	1.0
149	90045	RAJBHAR RUKMANI RAMBACHAN	9.4	0.6
8150	90046	TEJANI ZEBRA ASHRAF	9.8	0.2
151	90047	VARMA ANKUSH ARUN	9.6	0.4
152	90048	DAPAT ROHIT RAJU	9.3	0.7
153	90049	MAURYA JAY RAMNIVAS	9.4	0.6
154	90050	ATAKARI GAURI RAVINDRA	9.4	0.6
155	90051	THAKUR VAISHNAVI SUBODH	9.5	0.5
156	90053	MEHER ARYAN CHANDRASHEKHAR	9.6	0.4
157	90054	NADAGE KARAN SANTOSH	9.7	0.3
158	90055	KHALIFA NAYYAR ASHFAQUE	9.3	0.7
159	90056	PATIL ASTHA SANTOSH	9.4	0.6
160	90057	PAWADE PRIYAL DAYANAND	9.4	0.6

161	90058	MACHHI NISHANT RAMESH	9.3	0.7
162	90059	MACHHI DHARMIK JAGANNATH	9.4	0.6
163	90060	RAUT RITIK JITENDRA	9.5	0.5
164	90061	MALI ANIKA HARSHAD	9.4	0.6
165	90062	MALI ISHA JAYAWANT	9.3	0.7
166	90063	GIRI KRISHNA SHANKAR	9.3	0.7
167	90064	GAIKWAD SHREYA RAJESH	9.8	0.2
168	90065	HARVATE ROHIT MOHAN	9.4	0.6
169	90066	GOWARI SAURAJ RAVINDRA	9.5	0.5
170	90067	SUMADA ISHANI UMESH	9.6	0.4
171	90068	BHOMBE SHARADA DIPAK	9.6	0.4
172	90069	KHAN HUSNA MOHIUDDIN	9.0	1.0
173	90070	PULAMI VARUN NAYANDRA	9.7	0.3
174	90071	GOVARI PUNAM RAVINDRA	9.9	0.1
175	90072	YADAV SIGAM VIJAY	9.6	0.4
176	90073	NEGI RAKHI NARENDRA	9.2	0.8
177	90074	GOWARI SHALINI SANTOSH	9.3	0.7
178	90075	SHELAR DIVYA PRAKASH	9.4	0.6
179	90076	CHAMRE PARTH YOGESH	9.5	0.5
180	90077	KARBAT SUCHIT SADASHIV	9.6	0.4
181	90078	PAL SHRITAMA NIRUPAM	9.1	0.9
182	90079	CHAUDHARI RAJ RAKESH	9.9	0.1
183	90080	KHAN SADIKA ATKULLAH	9.6	0.4
184	90082	MORASE YOGESH MARUTI	9.6	0.4
185	90083	LILKA SAKSHI DATTU	9.2	0.8
186	90084	LADE RUTUJA RAMDAS	9.5	0.5
187	90085	VARMA NITISH MUNDRIKA	9.5	0.5
188	90087	PATIL MOHIT AVINASH	9.8	0.2
189	90088	SHAIKH KASHISH ABDULREHMAN	9.4	0.6
190	90090	JADHAV KAUSHAL BABAN	9.4	0.6
191	90091	GHARAT AKASH BABURAO	9.5	0.5
192	90095	PIMPLE KAUSTUBH SANTOSH	9.5	0.5
193	90096	DHANAWA DIKSHA PRAVIN	9.6	0.4
194	90097	VEDGA SUCHITA LAHANU	10.0	0.0
195	90098	SAGANE ROSHNI BACCHU	9.7	0.3
196	90099	JADHAV SAHIL SITARAM	9.6	0.4
197	90100	KINI TEJAL DINESH	9.0	1.0
198	90101	DIVA PRITESH PRAKASH	9.4	0.6
199	90102	PAL MUKESH DUDHNATH	9.5	0.5
200	90103	PATIL VAISHNAVI HEMANT	9.5	0.5
201	90104	SHAIKH MAHENOOR ASMAT	9.6	0.4

202	90105	SHELAR MARIYA PRADEEP	9.4	0.6
203	90106	SHELAR PARAMVIR PRADEEP	9.4	0.6
204	90107	PADVALE ASHISH SACHIN	9.3	0.7
205	90108	TARE PRANCHITA DIPAK	9.4	0.6
206	90109	PANASKAR NIKITA BALASAHEB	9.5	0.5
207	90110	PATIL KARTIKA ARUN	9.5	0.5
208	90111	MHASKAR ROHAN RAVINDRA	9.2	0.8
209	90112	KANNAUJIYA AARTI ASHOK	9.0	1.0
210	90113	KARBAT ROSHANI MAHADU	9.4	0.6
211	90114	PATEL SRUSHTI NARESH	9.8	0.2
212	90115	RAUT DIPESH DASHRATH	9.2	0.8
213	90116	YADAV KAILASH DUDHANATH	9.3	0.7
214	90117	TAMORE YUGANT MANOJ	9.4	0.6
215	90118	YADAV NISHA ANIL	9.4	0.6
216	90119	YADAV ARNIKA PREMDHARI	9.0	1.0
217	90120	DUMADA SUMIR ASHOK	9.0	1.0
218	90121	YADAV MAHESHWAR INDIRESH	9.7	0.3
219	90122	MAURYA KHUSHBU RAMVILAS	9.9	0.1
220	90123	PATIL ANIKET PRAMOD	9.6	0.4
221	90124	SUMADA ANKITA GANESH	9.5	0.5
222	90125	TAMBADA RAHUL SANTOSH	9.5	0.5
223	90126	KHATALI SANJAY SADANAND	9.6	0.4
224	90127	TARE SAKSHI SANJAY	9.7	0.3
225	90128	CHAUDHARI SIDDI HEMCHANDRA	9.9	0.1
226	90129	PATHOR ANIKET MUNESHKUMAR	9.6	0.4
227	90130	BENDRE BHAVANESH UDDHAV	9.0	1.0
228	90131	PATIL SMIT VAIBHAV	9.5	0.5
229	90132	YADAV HARSH PRAVIN	9.5	0.5
230	90134	PATIL JEET HARESHWAR	10.0	0.0
231	90135	PATIL PRAJYOT JAYWANT	9.4	0.6
232	90136	SINGH ABHISHEK RANDHIR	9.5	0.5
233	90137	PATIL SANIKA JAYKANT	9.5	0.5
234	90138	KADAM DIPTI TUKARAM	9.4	0.6
235	90139	SINGH RANI AKHILESH SINGH	9.9	0.1
236	90140	GHARAT MOHIT SANTOSH	9.6	0.4
237	90141	GHARAT SHREYASH SUBHASH	9.7	0.3
238	90142	PATIL PRATIK KALPESH	9.7	0.3
239	90143	BASVAT JIGNESH PRAKASH	9.7	0.3
240	90144	KAVATE VIKAS LAXI	9.6	0.4
241	90145	BAIRAGI DHANASHREE MADAN	9.5	0.5
242	90146	YADAV NITU RADHESHYAM	9.5	0.5

243	90147	MOR ISHWAR VASANT	9.3	0.7
244	90149	DHANAWADE RIYA SANTOSH	9.3	0.7
245	90151	KHAN HASINA BAKSHIS	9.4	0.6
246	90153	POOJARY YATHISH ANANTHA	9.4	0.6
247	90154	MAURYA MUSKAN RAMPRATAP	9.5	0.5
248	90155	JAIN SAURABH PRADIP	9.6	0.4
249	90156	YADAV SUMAN GUDDU	9.5	0.5
250	90157	YADAV RADHESHYAM KUBER	9.5	0.5
251	90158	SAMBARE MOHINI NATHURAM	9.8	0.2
252	90159	PAPDE KHUSHI KISHOR	9.6	0.4
253	90160	PATIL KHUSHI NILESH	9.4	0.6
254	90161	YADAV RAJNISH RAJLAL	9.4	0.6
255	90162	VISHWAKARMA VINAY DINESH	9.5	0.5
256	90164	PATIL RAHUL RAJKUMAR	9.3	0.7
257	90165	YADAV AARTI SHATRUGHAN	9.4	0.6
258	90168	MAHTO ANJALI MADANKUMAR	9.4	0.6
259	90169	SHINDE SHRENIKA PANDURANG	9.9	0.1
260	90170	PATIL TANAVI UMESH	9.2	0.8
261	90171	PARDHI SHRADHA MADHUKAR	9.3	0.7
262	90173	DAS LEELAVATIKUMARI SHANKARLAL	9.4	0.6
263	90174	KAMBAR BHAVESH SHIVA	9.4	0.6
264	90175	CHITODE AKSHAY VINOD	9.3	0.7
265	90176	PIMPLE MANTHAN JAGDISH	9.5	0.5
266	90178	YADAV ADITYA DEEPAK YADAV	9.5	0.5
267	90179	KOLHEKAR SHITAL SAKHARAM	9.8	0.2
268	90180	GORI MANSI VINOD	9.6	0.4
269	90181	GUPTA ABHISHEK MOHANLAL	9.6	0.4
270	90182	BHUSARE SHUBHAM RAVINDRA	9.7	0.3
271	90184	YADAV SANJANA GUDDU	9.7	0.3
272	90185	GHARAT SAMARTH KUNDAN	9.4	0.6
273	90186	PANDE YOGESH PURUSHOTTAM	9.4	0.6
274	90187	THAKUR SEJAL VIVEK	9.9	0.1
275	90188	RATHOD VIKAS GAJANAN	9.5	0.5
276	90189	DUBLA VAISHNAVI RAJAN	9.5	0.5
277	90190	OJHA SANJANA SUSHIL	9.4	0.6
278	90191	SINGH SHIKHA SANTOSH	9.8	1.0
279	90192	JADHAV TANISHQ SHIVAJI	9.3	0.7
280	90193	GAWANDI MUSKAN HIDAYAT	10.0	0.8
281	90194	RAYAT ADITYA NARESH	9.4	0.6
282	90195	PARHAD ANJALI RAGHUNATH	9.3	0.7
283	90196	VAYEDA ANJALI GANESH	9.4	0.6

284	90197	RAI ABHISHEK RAJKUMAR	9.3	0.7
285	90199	BHOGALE MANSI ANANT	9.4	0.6
286	90200	KUDU BIPIN NAROTTAM	9.5	0.5
287	90201	BORKAR TRIVENI REWCHAND	9.4	0.6
288	90202	NISHAD POONAM RAMSURAT	9.4	0.6
289	90203	WADHIYA RITIKA GULAB	9.5	0.5
290	90204	LAHANGE VIPUL MORESHWAR	9.4	0.6
291	90205	PATIL PRUTHVIRAJ KISHOR	9.4	0.6
292	90207	GUPTA ALOK RAMASHISH	9.5	0.5
293	90208	SUMDA JEET SANJAY	9.8	0.2
294	90209	SINGH GULSHAN ARVIND	9.4	0.6
295	90210	YADAV ANCHAL UMASHANKAR	9.4	0.6
296	90211	MOHANKAR VAIBHAV SANTOSH	9.4	0.6
297	90213	YADAV PANKAJ RAMESH	9.2	0.8
298	90214	DUBEY NITIN ANIL KUMAR	9.5	0.5
299	90215	KUSHWAHA NEHA PREMSHANKAR	9.5	0.5
300	90218	JAGTAP ROHIT SUDAM	9.4	0.6
301	90219	KORDA PRIYANKA LAXMAN	9.4	0.6
302	90220	DODE ASMITA RAGHUNATH	9.1	0.9
303	90221	BHAVAR RESHAMANTA LAHANU	9.3	0.7
304	90223	DUBEY SHALU SHRAVAN	9.3	0.7
305	90224	PUJARI MANASI BHASKAR	9.4	0.6
306	90225	LUCKYRAJ NIRAJ SINGH	9.9	0.1
307	90227	DALVI PRIYANKA RAGHU	9.5	0.5
308	90228	YADAV PRITI HANUMAN	9.0	1.0
309	90229	DABAKE RAHUL ANANTA	9.6	0.4
310	90230	KUSHWAHA ANKIT OMPRAKASH	9.7	0.3
311	90231	SHAIKH NAZ MOHAMMADUMAR	9.6	0.4
312	90232	RABADE PRAMOD MADHU	9.7	0.3
313	90233	YADAV HARIOM SHIVSHANKAR	10.0	0.0
314	90234	SALKAR GANESH GANPAT	9.7	0.3
315	90236	PANDEY DOLLY SHAILESH	9.1	0.9
316	90237	SHARMA ANIL AJAY	9.7	0.3
317	90238	RANE PRASAD SANTOSH	9.6	0.4
318	90239	DALVI KAUSHIK RAMESH	9.6	0.4
319	90240	RAUT JAYESH GANPAT	9.6	0.4
320	90241	VAVARE VISHAL TRIMBAK	9.8	0.2
321	90242	NAIK DISHA AMRUT	9.7	0.3
322	90247	GHUTE GAURAV VIJAY	9.7	0.3
323	90248	DANDEKAR JAY DATTATRAY	9.6	0.4
324	90249	VAYEDA KAILAS MAHADYA	9.5	0.5

325	90250	TANDEI ADHIT DHARMENDRA		
326	90253	GUPTA SHIVANGI MAYARAM	9.3	0.7
327	90254	SINGH KISAN RAJESH	9.8	0.2
328	90255	MALIK ZUHA ABID	9.4	0.6
329	90257	HAJARE SAKSHI JALINDAR	9.5	0.5
330	90258	GOVIND VIDYASHRI VINAYAK	9.6	0.4
331	90259	MANGAT SUNIL ARJUN	9.2	0.8
332	90260	SINGH HARIDAS RAMJANAM	9.5	0.5
			9.3	0.7

Incremental growth among slow learners

Based on Question number 1 (Out of 5)

SR. NO	ROLL NO	NAME OF THE STUDENT	Roll Number	Pretest	Post test
1	2001	GHARAT UNNATI BHARAT	2001	3	4
2	2002	BHUSARA YUVRAJ MADHUKAR	2002	3	4
3	2003	KANOJIYA SAKSHI MANOJ	2003	3	4
4	2004	DUKALE PRAKASH NATHURAM	2004	3	4
5	2006	VARATHA SWAPNIL SUNIL	2006	3	4
6	2007	GURAV NANDRESH ANTYA	2007	3	4
7	2008	YADAV RISHABH DINESH	2008	3	4
8	2009	BARAF PALLAVI SUBHASH	2009	2	4
9	2010	SHAIKH SHIFA IRFAN	2010	2	4
10	2011	JADHAV MAYUR RAMESH	2011	2	4
11	2014	GAWAD SAHIL SANJAY	2014	2	4
12	2015	GHARAT DISHA AJAY	2015	1	4
13	2016	PATIL SANIKA RAJENDRA	2016	4	4
14	2017	GHARAT DISHA KRISHANKUMAR	2017	2	5
15	2018	YADAV POOJA SANJAY	2018	2	5
16	2019	SINGH GUNJA JITENDRA	2019	3	5
17	2020	CHAUDHARI VIJAYA ASHOK	2020	1	5
18	2022	SAPTA BHARATI VASANT	2022	2	5
19	2024	GUPTA ANJALI BECHULAL	2024	2	5
20	2025	PIMPLE RIYA VIKAS	2025	2	5
21	2028	WADE YASH RAJESH	2028	3	5
22	2029	DUBEY SNEHA SACHCHIDANAND	2029	2	5
23	2031	SHAIKH AFTAB IMTIYAZ	2031	3	5
24	2032	NAIR LAKSHMI MADHUSOODANAN	2032	2	5
25	2034	SARAWADE AADITI MANOJKUMAR	2034	3	5
26	2037	PIMPLE POOJA MAHESH	2037	2	5
27	2039	PATIL PRANJAL GAUTAM	2039	3	5
28	2040	WADE TANISHQ MANMOHAN	2040	2	5
29	2041	GOND KARAN RAJNANDAN	2041	3	5
30	2042	RAUT DIVYANSHU KISHOR	2042	2	5
31	2046	ANDHALE SNEHA NARAYAN	2046	3	5
32	2047	AVHAD PRITI SAMBHAJI	2047	3	5

33	2048	BHUSARA VIPUL MADHUKAR	2048	3	5
34	2049	RAUT MAYANK AVISH	2049	3	5
35	2050	PATIL SAKSHI BALWANT	2050	3	5
36	2051	YADAV PRIYANSHU RANGBAHADUR	2051	3	5
37	2052	SURYAWANSHI ADITYA MAROTI	2052	3	5
38	2053	GHEGAD PRATIKSHA PRAKASH	2053	3	5
39	2056	SONAWANE GAYATRI SHANTILAL	2056	3	4
40	2058	YADAV AMITKUMAR KRISHNAKUMAR	2058	3	4
41	2060	THATHER TANVI GORAKHNATH	2060	3	4
42	2061	HARVATE RAHUL SHANKAR	2061	3	4
43	2062	MAHATO DEEPAK JAYLAL	2062	3	4
44	2063	AMRUTE PRAVIN PRADEEP	2063	3	3
45	2064	KINI SAKSHI NAYNESH	2064	2	3
46	2065	MITANA SEJAL DIPAK	2065	2	2
47	2066	MEHER HARDIK CHARUDATT	2066	2	3
48	2067	GUPTA SATISH ANIL	2067	2	3
49	2068	KHAN ALFIYA DILAVAR	2068	1	2
50	2069	MHASKAR VAIBHAV LAKSHMAN	2069	1	3
51	2070	KHANDARE SAMEER ANIL	2070	2	3
52	2071	PARDHI SWAPNIL SURESH	2071	3	4
53	2073	SANKHE NIDHISH HAMESH	2073	3	4
54	2074	KOKATE NIKHIL SHIVAJI	2074	4	4
55	2075	JADHAV SUBODH SANDEEP	2075	4	4
56	2079	MALI DURVESH TUKARAM	2079	3	3
57	2080	RAUT SRUSHTI SUBHASH	2080	2	3
58	2082	GIRI AACHAL VIJAY	2082	2	3
59	2083	MESHARAM SUNAYANA DEVENDRA	2083	3	4
60	2084	PATIL SAYALI SUBHASH	2084	3	4
61	2085	MORE NEHA PRAFUL	2085	4	4
62	2086	MARKAM AMRUTA SURYABHAN	2086	3	4
63	2087	GHARAT SHRUTI KIRAN	2087	4	4
64	2088	TARE PRATHAMESH BHUPESH	2088	4	4
65	2089	NAIR MEHUL SUBHASH	2089	4	4
66	2090	NAIK CHINMAY HITENDRA	2090	4	4
67	2091	GAWAD NIDHI SANJAY	2091	4	4
68	2092	MACHHI AKSHADA JAYWANT	2092	5	5
69	2093	PATIL POORVA MAHESH	2093	4	4
70	2094	VADEKAR MANASWI HARESH	2094	3	4
71	2095	GAIKWAD MANSI RAJU	2095	2	5
72	2096	PATIL SRUSHTI PRAKASH	2096	3	5
73	2098	GHARAT PARTH MANOHAR	2098	2	5
74	2099	SAHANI ROHITKUMAR SHRIRAM	2099	3	5
75	2100	PAGDHARE DEHARSH YOGESH	2100	2	5

76	2101	SHAIKH SHIFA SAMIR	2101	3	5
77	2102	SHAIKH SADIYA FARUKH	2102	2	5
78	2103	PARAMBIL SEEMA SANTOSH	2103	3	5
79	2104	KADU VAISHNAVI VILAS	2104	2	5
80	2105	BHANDARI KAUSHIK PURAN	2105	3	5
81	2106	TAMORE BHAIRAVI RAJENDRA	2106	2	5
82	2107	MHASKAR YASH SURESH	2107	3	3
83	2108	AMBEKAR RATILAL BABURAO	2108	3	5
84	2109	PANDA SWETA SHRIKANT	2109	4	4
85	2110	MORE PRAYAS CHIRANTAN	2110	5	5
86	2111	GAWAD SHRUTI ANKUSH	2111	5	5
87	2112	KADAV SIDDHESH SHANTARAM	2112	5	5
88	2113	SHINDE MAHENDRA RAYCHAND	2113	3	4
89	2114	MORE SHRITIJA SHEKHAR	2114	3	4
90	2115	UPPAR KHUSHI RAJU	2115	3	5
91	2116	MORE JANHAVI SUNIL	2116	3	4
92	2117	GAWAD MANASVI SANJAY	2117	3	5
93	2118	GHARAT APURVA SANTOSH	2118	3	4
94	2119	PATIL SAI MAHENDRA	2119	3	5
95	2121	PATIL RUCHIRA SUDHAKAR	2121	3	4
96	2122	VAYEDA RAVITA MAHADYA	2122	3	4
97	2123	SHAIKH ANAM NAUSHAD	2123	3	4
98	2124	PATIL BHUMIKA SUNIL	2124	2	4
99	2125	PATIL SHRUTI PRAVIN	2125	2	5
100	2126	NAIK HARDIK MANOJ	2126	2	5
101	2127	RAYKAR SAHIL SURESH	2127	2	5
102	2128	SINGH KOMAL KANWAR MAHENDRA	2128	2	5
103	2129	PAGDHARE AMAN SANDESH	2129	2	4
104	2131	DURGULE PRANALI DINESH	2131	2	4
105	2132	THAKUR JANHAVI MAHENDRA	2132	2	4
106	2134	JOSHI TEJASHRI KIRTESH	2134	2	4
107	2135	GAIKWAD YASHODEEP SUNIL	2135	2	4
108	2136	VAGLODA AJIT MAHESH	2136	3	4
109	90001	VALVI PRATIK SANTOSH	90001	3	4
110	90002	DHODI BHUMI SANTOSH	90002	4	5
111	90005	GOVARI VAISHALI DINKAR	90005	3	5
112	90006	GAVIT ANKITA SURESH	90006	4	5
113	90007	PANDEY AYUSH RAKESH	90007	3	5
114	90008	RAUT SUNNY MANGESH	90008	4	5
115	90009	MACHHI AYUSHI ASHOK	90009	3	5
116	90010	BHONDAVA AMIT DIPAK	90010	4	5
117	90011	TAMORE RIDDHI SANTOSH	90011	3	5
118	90012	DAVANE MANALI RAJENDRA	90012	4	5

119	90013	JADHAV JYOTI KASHINATH	90013	3	5
120	90015	DAVADA ADITI DILIP	90015	4	5
121	90016	BUJAD ROSHAN RAMESH	90016	3	4
122	90017	GOLIM PRAVIN PRAKASH	90017	2	4
123	90018	SHINGADA KRUSHNA RAMU	90018	2	4
124	90019	MANDAL VRUSHALI SANTOSH	90019	2	4
125	90020	RAI TANISHA SANJAY	90020	2	4
126	90021	RAUT SAHIL RAJESH	90021	2	4
127	90022	MACHHI AKSHAY SURESH	90022	2	4
128	90023	GOWARI SNEHA NARESH	90023	2	4
129	90024	YADAV RAGINEE ASHOKKUMAR	90024	2	4
130	90025	BHOIR HARDIK ARVIND	90025	2	5
131	90026	NAIK AKSHATA NITIN	90026	2	5
132	90027	TARE JIDNYASA KANTI	90027	2	4
133	90028	PATIIL YASH DAJI	90028	2	4
134	90029	PAWAR YASH DINESH	90029	2	4
135	90030	SINGH SAHIL SANJAY KUMAR	90030	2	5
136	90031	MACHHI ASHITI ANANT	90031	2	5
137	90032	NAYAK PUJA BABALOO	90032	5	5
138	90033	FADVALE AMOL MOHAN	90033	5	5
139	90034	VEDGA KUNAL SUNIL	90034	5	5
140	90035	MAHALE MANAV MAHENDRA	90035	4	4
141	90036	SHAH HUSAINA BASHEER	90036	5	5
142	90037	AVTAR TANVI MOHAN	90037	4	4
143	90038	BARAT JYOTI RADHA	90038	5	5
144	90039	RAUT RATNESH VIKAS	90039	4	5
145	90040	PATIL MOHIT PANDHARI	90040	5	5
146	90041	PATIL SHREYA SANTOSH	90041	4	5
147	90043	PATIL HITANSHA SANDEEP	90043	5	5
148	90044	MACHHI SARVESH SANTOSH	90044	5	5
149	90045	RAJBHAR RUKMANI RAMBACHAN	90045	3	5
150	90046	TEJANI ZEBAS ASHRAF	90046	3	5
151	90047	VARMA ANKUSH ARUN	90047	3	5
152	90048	DAPAT ROHIT RAJU	90048	3	5
153	90049	MAURYA JAY RAMNIVAS	90049	3	5
154	90050	ATAKARI GAURI RAVINDRA	90050	3	3
155	90051	THAKUR VAISHNAVI SUBODH	90051	3	3
156	90053	MEHER ARYAN CHANDRASHEKHAR	90053	3	3
157	90054	NADAGE KARAN SANTOSH	90054	4	5
158	90055	KHALIFA NAYYAR ASHFAQUE	90055	3	3
159	90056	PATIL ASTHA SANTOSH	90056	4	4
160	90057	PAWADE PRIYAL DAYANAND	90057	3	4
161	90058	MACHHI NISHANT RAMESH	90058	4	4

162	90059	MACHHI DHARMIK JAGANNATH	90059	3	4
163	90060	RAUT RITIK JITENDRA	90060	2	4
164	90061	MALI ANIKA HARSHAD	90061	3	4
165	90062	MALI ISHA JAYAWANT	90062	4	4
166	90063	GIRI KRISHNA SHANKAR	90063	2	4
167	90064	GAIKWAD SHREYA RAJESH	90064	3	4
168	90065	HARVATE ROHIT MOHAN	90065	4	4
169	90066	GOWARI SAURAJ RAVINDRA	90066	1	4
170	90067	SUMADA ISHANI UMESH	90067	2	4
171	90068	BHOMBE SHARADA DIPAK	90068	3	4
172	90069	KHAN HUSNA MOHIUDDIN	90069	3	4
173	90070	PULAMI VARUN NAYANDRA	90070	2	5
174	90071	GOVARI PUNAM RAVINDRA	90071	2	5
175	90072	YADAV SIGAM VIJAY	90072	2	5
176	90073	NEGI RAKHI NARENDRA	90073	2	5
177	90074	GOWARI SHALINI SANTOSH	90074	3	5
178	90075	SHELAR DIVYA PRAKASH	90075	4	5
179	90076	CHAMRE PARTH YOGESH	90076	3	5
180	90077	KARBAT SUCHIT SADASHIV	90077	5	5
181	90078	PAL SHRITAMA NIRUPAM	90078	2	5
182	90079	CHAUDHARI RAJ RAKESH	90079	2	5
183	90080	KHAN SADIKA ATIKULLAH	90080	2	5
184	90082	MORASE YOGESH MARUTI	90082	2	5
185	90083	LILKA SAKSHI DATTU	90083	2	5
186	90084	LADE RUTUJA RAMDAS	90084	2	5
187	90085	VARMA NITISH MUNDRIKA	90085	1	5
188	90087	PATIL MOHIT AVINASH	90087	4	5
189	90088	SHAIKH KASHISH ABDULREHMAN	90088	4	5
190	90090	JADHAV KAUSHAL BABAN	90090	4	5
191	90091	GHARAT AKASH BABURAO	90091	4	5
192	90095	PIMPLE KAUSTUBH SANTOSH	90095	5	5
193	90096	DHANAWA DIKSHA PRAVIN	90096	5	5
194	90097	VEDGA SUCHITA LAHANU	90097	5	5
195	90098	SAGANE ROSHNI BACCHU	90098	5	5
196	90099	JADHAV SAHIL SITARAM	90099	5	5
197	90100	KINI TEJAL DINESH	90100	5	5
198	90101	DIVA PRITESH PRAKASH	90101	4	5
199	90102	PAL MUKESH DUDHNATH	90102	4	5
200	90103	PATIL VAISHNAVI HEMANT	90103	4	5
201	90104	SHAIKH MAHENOOR ASMAT	90104	4	5
202	90105	SHELAR MARIYA PRADEEP	90105	4	5
203	90106	SHELAR PARAMVIR PRADEEP	90106	4	5
204	90107	PADVALE ASHISH SACHIN	90107	5	5

205	90108	TARE PRANCHITA DIPAK	90108	5	5
206	90109	PANASKAR NIKITA BALASAHEB	90109	5	5
207	90110	PATIL KARTIKA ARUN	90110	5	5
208	90111	MHASKAR ROHAN RAVINDRA	90111	5	5
209	90112	KANNAUJIYA AARTI ASHOK	90112	5	5
210	90113	KARBAT ROSHANI MAHADU	90113	5	5
211	90114	PATEL SRUSHTI NARESH	90114	4	5
212	90115	RAUT DIPESH DASHRATH	90115	4	5
213	90116	YADAV KAILASH DUDHANATH	90116	4	5
214	90117	TAMORE YUGANT MANOJ	90117	4	5
215	90118	YADAV NISHA ANIL	90118	3	5
216	90119	YADAV ARNIKA PREMDHARI	90119	3	5
217	90120	DUMADA SUMIR ASHOK	90120	3	5
218	90121	YADAV MAHESHWAR INDIRESH	90121	3	5
219	90122	MAURYA KHUSHBU RAMVILAS	90122	3	5
220	90123	PATIL ANIKET PRAMOD	90123	2	5
221	90124	SUMADA ANKITA GANESH	90124	1	5
222	90125	TAMBADA RAHUL SANTOSH	90125	2	5
223	90126	KHATALI SANJAY SADANAND	90126	1	5
224	90127	TARE SAKSHI SANJAY	90127	2	5
225	90128	CHAUDHARI SIDDHI HEMCHANDRA	90128	2	5
226	90129	PATHOR ANIKET MUNESHKUMAR	90129	2	5
227	90130	BENDRE BHAVANESH UDDHAV	90130	1	5
228	90131	PATIL SMIT VAIBHAV	90131	1	5
229	90132	YADAV HARSH PRAVIN	90132	1	5
230	90134	PATIL JEET HARESHWAR	90134	1	5
231	90135	PATIL PRAJYOT JAYWANT	90135	1	5
232	90136	SINGH ABHISHEK RANDHIR	90136	1	5
233	90137	PATIL SANIKA JAYKANT	90137	1	5
234	90138	KADAM DIPTI TUKARAM	90138	1	5
235	90139	SINGH RANI AKHILESH SINGH	90139	1	5
236	90140	GHARAT MOHIT SANTOSH	90140	1	5
237	90141	GHARAT SHREYASH SUBHASH	90141	1	5
238	90142	PATIL PRATIK KALPESH	90142	1	5
239	90143	BASVAT JIGNESH PRAKASH	90143	1	5
240	90144	KAVATE VIKAS LAXI	90144	1	5
241	90145	BAIRAGI DHANASHREE MADAN	90145	2	5
242	90146	YADAV NITU RADHESHYAM	90146	3	5
243	90147	MOR ISHWAR VASANT	90147	3	5
244	90149	DHANAWADE RIYA SANTOSH	90149	3	5
245	90151	KHAN HASINA BAKSHIS	90151	3	5
246	90153	POOJARY YATHISH ANANTHA	90153	3	5
247	90154	MAURYA MUSKAN RAMPRATAP	90154	3	5

248	90155	JAIN SAURABH PRADIP	90155	3	5
249	90156	YADAV SUMAN GUDDU	90156	3	5
250	90157	YADAV RADHESHYAM KUBER	90157	3	5
251	90158	SAMBARE MOHINI NATHURAM	90158	3	5
252	90159	PAPDE KHUSHI KISHOR	90159	2	5
253	90160	PATIL KHUSHI NILESH	90160	3	5
254	90161	YADAV RAJNISH RAJLAL	90161	2	5
255	90162	VISHWAKARMA VINAY DINESH	90162	3	5
256	90164	PATIL RAHUL RAJKUMAR	90164	2	5
257	90165	YADAV AARTI SHATRUGHAN	90165	3	5
258	90168	MAHTO ANJALI MADANKUMAR	90168	2	5
259	90169	SHINDE SHRENIKA PANDURANG	90169	3	5
260	90170	PATIL TANAVI UMESH	90170	3	5
261	90171	PARDHI SHRADHA MADHUKAR	90171	3	5
262	90173	DAS LEELAVATIKUMARI SHANKARLAL	90173	2	5
263	90174	KAMBAR BHAVESH SHIVA	90174	2	5
264	90175	CHITODE AKSHAY VINOD	90175	2	5
265	90176	PIMPLE MANTHAN JAGDISH	90176	3	5
266	90178	YADAV ADITYA DEEPAK YADAV	90178	1	5
267	90179	KOLHEKAR SHITAL SAKHARAM	90179	1	5
268	90180	GORI MANSI VINOD	90180	1	5
269	90181	GUPTA ABHISHEK MOHANLAL	90181	1	5
270	90182	BHUSARE SHUBHAM RAVINDRA	90182	1	5
271	90184	YADAV SANJANA GUDDU	90184	2	5
272	90185	GHARAT SAMARTH KUNDAN	90185	2	5
273	90186	PANDE YOGESH PURUSHOTTAM	90186	2	5
274	90187	THAKUR SEJAL VIVEK	90187	2	5
275	90188	RATHOD VIKAS GAJANAN	90188	2	5
276	90189	DUBLA VAISHNAVI RAJAN	90189	2	4
277	90190	OJHA SANJANA SUSHIL	90190	3	5
278	90191	SINGH SHIKHA SANTOSH	90191	3	5
279	90192	JADHAV TANISHQ SHIVAJI	90192	3	5
280	90193	GAWANDI MUSKAN HIDAYAT	90193	2	5
281	90194	RAYAT ADITYA NARESH	90194	3	5
282	90195	PARHAD ANJALI RAGHUNATH	90195	2	5
283	90196	VAYEDA ANJALI GANESH	90196	1	5
284	90197	RAI ABHISHEK RAJKUMAR	90197	2	5
285	90199	BHOGALE MANSI ANANT	90199	3	5
286	90200	KUDU BIPIN NAROTTAM	90200	2	5
287	90201	BORKAR TRIVENI REWCHAND	90201	1	3
288	90202	NISHAD POONAM RAMSURAT	90202	2	3
289	90203	WADHIYA RITIKA GULAB	90203	1	3
290	90204	LAHANGE VIPUL MORESHWAR	90204	2	3

291	90205	PATIL PRUTHVIRAJ KISHOR	90205	1	4
292	90207	GUPTA ALOK RAMASHISH	90207	2	4
293	90208	SUMDA JEET SANJAY	90208	2	4
294	90209	SINGH GULSHAN ARVIND	90209	2	4
295	90210	YADAV ANCHAL UMASHANKAR	90210	2	4
296	90211	MOHANKAR VAIBHAV SANTOSH	90211	2	4
297	90213	YADAV PANKAJ RAMESH	90213	2	4
298	90214	DUBEY NITIN ANIL KUMAR	90214	2	4
299	90215	KUSHWAHA NEHA PREMSHANKAR	90215	2	4
300	90218	JAGTAP ROHIT SUDAM	90218	2	4
301	90219	KORDA PRIYANKA LAXMAN	90219	2	4
302	90220	DODE ASMITA RAGHUNATH	90220	2	4
303	90221	BHAVAR RESHAMANTA LAHANU	90221	2	4
304	90223	DUBEY SHALU SHRAVAN	90223	2	4
305	90224	PUJARI MANASI BHASKAR	90224	3	5
306	90225	LUCKYRAJ NIRAJ SINGH	90225	4	5
307	90227	DALVI PRIYANKA RAGHU	90227	4	5
308	90228	YADAV PRITI HANUMAN	90228	4	5
309	90229	DABAKE RAHUL ANANTA	90229	4	5
310	90230	KUSHWAHA ANKIT OMPRAKASH	90230	5	4
311	90231	SHAIKH NAZ MOHAMMADUMAR	90231	5	4
312	90232	RABADE PRAMOD MADHU	90232	4	4
313	90233	YADAV HARIOM SHIVSHANKAR	90233	3	4
314	90234	SALKAR GANESH GANPAT	90234	3	4
315	90236	PANDEY DOLLY SHAILESH	90236	4	4
316	90237	SHARMA ANIL AJAY	90237	2	4
317	90238	RANE PRASAD SANTOSH	90238	5	4
318	90239	DALVI KAUSHIK RAMESH	90239	4	4
319	90240	RAUT JAYESH GANPAT	90240	3	4
320	90241	VAVARE VISHAL TRIMBAK	90241	2	4
321	90242	NAIK DISHA AMRUT	90242	2	4
322	90247	GHUTE GAURAV VIJAY	90247	2	4
323	90248	DANDEKAR JAY DATTATRAY	90248	2	4
324	90249	VAYEDA KAILAS MAHADYA	90249	2	4
325	90250	TANDEL ADHIT DHARMENDRA	90250	2	4
326	90253	GUPTA SHIVANGI MAYARAM	90253	1	4
327	90254	SINGH KISAN RAJESH	90254	1	4
328	90255	MALIK ZUHA ABID	90255	1	4
329	90257	HAJARE SAKSHI JALINDAR	90257	2	4
330	90258	GOVIND VIDYASHRI VINAYAK	90258	2	4
331	90259	MANGAT SUNIL ARJUN	90259	2	4
332	90260	SINGH HARIDAS RAMJANAM	90260	2	4

Slow Learner – 2019, 2015, 2025, 2034, 2041, 2042, 2050, 2067, 2068, 2074, 2082, 2086, 2087, 2094, 2100, 2106, 2110, 2116, 2117, 2122, 2126, 2127, 2135, 2136, 90008, 90021, 90026, 90033, 90038, 90043, 90044, 90069, 90073, 90078, 90083, 90100, 90111, 90112, 90115, 90119, 90120, 90130, 90170, 90175, 90185, 90191, 90213, 90220, 90228, 90236, 90258

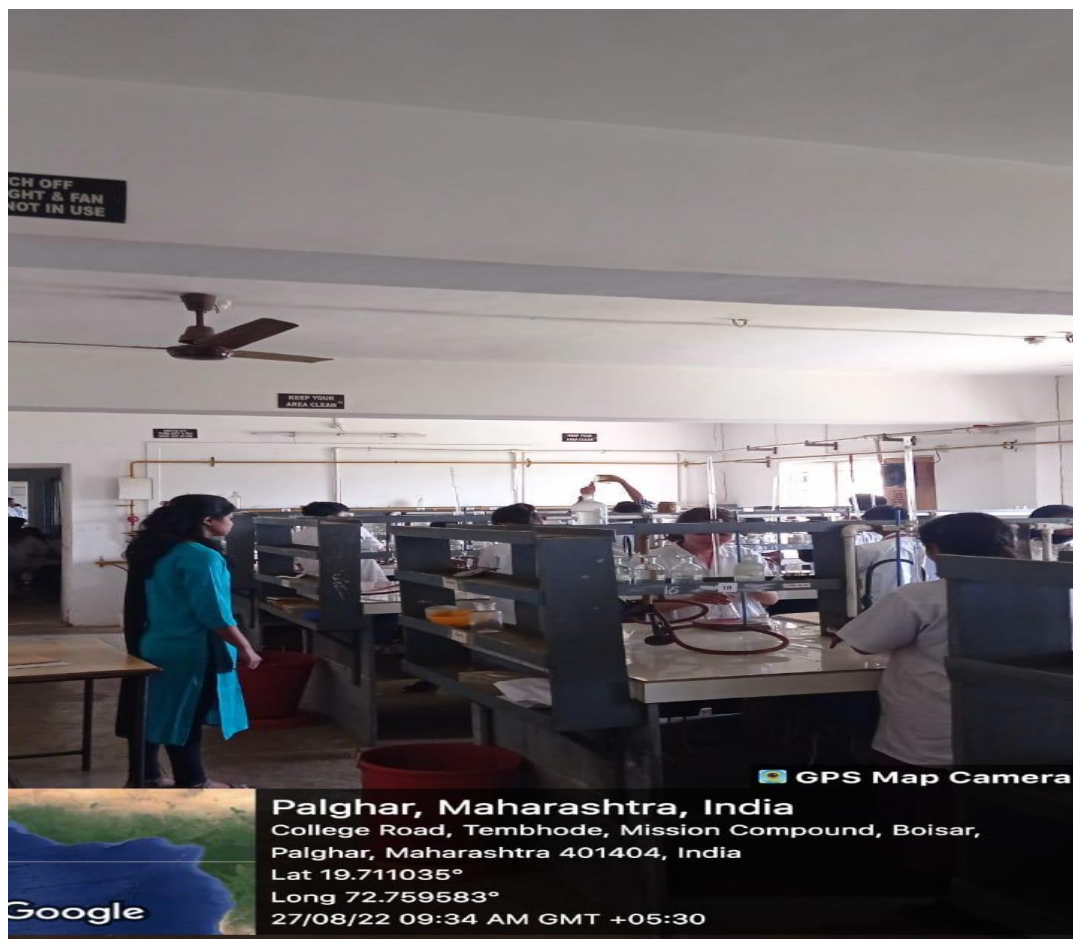
Pre-Test - *For Question number 2, students who have obtained a difference (error) between 1.5 to 2.5 received 07 marks, considered as slow learners and those below 1.5 received 15 marks.

Post Test – A marked difference was observed in post test as the error has reduced with minimum difference.



Signature
Head of the Department
Department of Chemistry

Geo Tag Photos of Bridge Courses



Signature
Head of the Department
Department of Chemistry

Department of zoology

Notice
Department of Zoology
Bridge course

Date 28/01/2023

We are pleased to announce a bridge course in 'Concepts in Zoology' to help you gain a deeper understanding of various fields such as Bioinformatics, genetic engineering and biostatistics as well as various other topics of interest.

The course will cover various topics which are preceded by an introduction various terminologies used in Zoology which will help the students to better understand the topics. The course is designed to prepare you for more advanced courses in above subjects and related fields, and to help you develop the skills necessary to also analyze and interpret biological data using computational tools and techniques.

The bridge course will be held from **January 30th 2023 to Saturday February 9th 2023 from 2.00 pm at Room no. 15 (Zoology lab.)** The course will consist of lectures, hands-on exercises, and group discussions.

We encourage you to attend this course as it is beneficial for your growth.



Dr. Harshad Vanmali
Head of Department

Objectives of Bridge Course

- 1] The main objective of the bridge course is to bridge the gap between subjects studied at pre university level and subject to be studied at university level.
- 2] To develop the confidence and skills to ensure successful transition to new college curriculum.
- 3] To clear the basic concepts in the subjects of zoology.

Syllabus of Bridge Course

Sr.No.	Name of the topic	Number of lectures
1.	Basic Terminologies in Zoology	1
2.	Laboratory Safety	2
3.	Instrumentation	2
4.	Biotechnology	2
5.	Hygiene and disease prevention	1
6.	Conservation techniques	1
7.	Test	1

Timetable

2022-2023

Sr.No.	Date/Day	Time	Classroom	Topic
1.	January 30th 2023	2:00 PM	Room no. 15	Basic Terminologies in Zoology
2.	January 31st 2023	2:00 PM	Room no. 15	Laboratory Safety
3.	February 1st 2023	2:00 PM	Room no. 15	Laboratory Safety
4.	February 2nd 2023	2:00 PM	Room no. 15	Instrumentation
5.	February 3rd 2021	2:00 PM	Room no. 15	Instrumentation
6.	February 4th 2023	2:00 PM	Room no. 15	Biotechnology
7.	February 6th 2023	2:00 PM	Room no. 15	Biotechnology
8.	February 7th 2023	2:00 PM	Room no. 15	Hygiene and disease prevention
9.	February 8th 2023	2:00 PM	Room no. 15	Conservation techniques
10.	February 9th 2023	2:00 PM	Room no. 15	Test

Outcomes of Bridge Course

- 1] Students learn concepts in zoology which they wouldn't have understood during online sessions of teaching.
- 2] Students are able to understand zoological terms and ideas which will help them to analyze and synthesize information obtained at third year of degree course.

Test on Bridge Course

Q.1) Choose correct options to fill in the blanks (05)

- 1) Study of blood is called _____ (Immunology, Haematology, cell biology)
- 2) _____ basic unit of life. (Cell, Blood, Gene)
- 3) _____ part of microscope used for holding. (Eyepiece, Stage, Arm)
- 4) Hemichordate is an example of _____ animals (Non chordates, Partially chordates, chordates)
- 5) Exclusive secretion of endocrine glands is called as _____. (gene, hormone, saliva)

Q.2) Describe in detail (15)

- 1) Principle and Parts of microscope
- 2) Concept of antigen and antibody
- 3) Composition of blood

2022-2023

Sr. No	Roll No.	Signature
1.	26196	Shreyas
2.	2706	K. Mahesh
3.	2681	Vishnu
4.	26154	Harsh
5.	26162	Vite.
6.	26190	Hambare

Jobin

Teacher's Signature

2022-2023

Sr. No	Roll No.	Marks Obtained/20
1.	26196	19
2.	2706	05
3.	2681	08
4.	26154	18
5.	26162	12
6.	26190	13



Teacher's Signature

Notice
Department of Zoology
Bridge course

Date 10/02/23

We are pleased to announce a bridge course in 'Concepts in Zoology' to help you gain a deeper understanding of various fields such as Animal Physiology, Developmental biology and various other frontiers in zoology which combines various aspects of zoology to provide a rounded development.

The course will cover various topics which are designed to prepare you for more advanced courses in above subjects and related fields, and to help you develop the skills necessary to analyze and interpret biological data.

The bridge course will be held from **Monday, February 13th, 2023, to Saturday, February 23rd, 2023, from 2.00 pm at room no. 15 (Zoology lab.)** The course will consist of lectures, hands-on exercises, and group discussions.

We encourage you to attend this course if you are interested in pursuing a career in Zoology.



Dr. Harshad Vanmali
Head of Department

Objectives of Bridge Course

- 1] The main objective of the bridge course is to bridge the gap between subjects studied at pre university level and subject to be studied at university level.
- 2] To develop the confidence and skills to ensure successful transition to new college curriculum.
- 3] To clear the basic concepts in the subjects of zoology.
- 4] To fill the gap created due to online teaching learning process.
- 5] To evaluate the effect of bridge course on the students came out from covid crisis.

Syllabus of Bridge Course

Sr.No.	Name of the topic	Number of lectures
8.	Animal Physiology	1
9.	Paleontology and Phylogeny	1
10.	Developmental Biology	2
11.	Genetics	1
12.	Evolution	1
13.	Modern Techniques in Medical Field	1
14.	Neurobiology	1
15.	Climate Change and Sustainability	1
16.	Test	1

Timetable

2022-23

Sr.No.	Date/Day	Time	Classroom	Topic
11.	February 13th, 2023	2.00 pm	Room no. 15	Animal Physiology
12.	February 14th, 2023	2.00 pm	Room no. 15	Paleontology and Phylogeny
13.	February 15th, 2023	2.00 pm	Room no. 15	Developmental Biology
14.	February 16th, 2023	2.00 pm	Room no. 15	Developmental Biology
15.	February 17th, 2023	2.00 pm	Room no. 15	Genetics
16.	February 18th, 2023	2.00 pm	Room no. 15	Evolution
17.	February 20th, 2023	2.00 pm	Room no. 15	Modern Techniques in Medical Field
18.	February 21st, 2023	2.00 pm	Room no. 15	Neurobiology
19.	February 22nd, 2023	2.00 pm	Room no. 15	Climate Change and Sustainability
20.	February 23rd, 2023	2.00 pm	Room no. 15	Test

Outcomes of Bridge Course

1] Students learn concepts in zoology which they wouldn't have understood during online sessions of teaching.

2] Students are able to understand zoological terms and ideas which will help them to analyze and synthesize information obtained at third year of degree course.

Sonopant Dandekar Shikshan Mandali

Department of Zoology

Bridge Course Test

M.Sc-I 22-23

Date:-23/02/2023

Q.1) Answer in one sentence:

05 marks

- 1) Define Deuterostomes.
- 2) Describe Maximum parsimony.
- 3) Define Capacitation.
- 4) Define Altruism.
- 5) Define Autonomous specification.

Q.2) Answer in brief: (Any 3)

15 marks

- 1) Define Fitch-Margoliash method.
- 2) Describe Respiratory system of clamworm.
- 3) Describe Reproductive system of Balanoglossus.
- 4) Explain Mechanism of fertilization
- 5) Describe Process of C-14 Carbon dating.

2022-2023

Sr. No	Roll No.	Marks Obtained/20
1.	46005	07
2.	46007	11
3.	46008	15
4.	46011	13
5.	46025	08



Teacher's Signature

2022-2023

Sr. No	Roll No.	Signature
1.	46005	A. Pawar
2.	46007	R. K.
3.	46008	J. K.
4.	46011	A.
5.	46025	A. B.


Teacher's Signature

Notice
Department of Zoology
Bridge course

Date 10/02/2020

We are pleased to announce a bridge course in 'Concepts in Zoology' to help you gain a deeper understanding of various fields such as Animal Physiology, Developmental biology and various other frontiers in zoology which combines various aspects of zoology to provide a rounded development.

The course will cover various topics which are designed to prepare you for more advanced courses in above subjects and related fields, and to help you develop the skills necessary to analyze and interpret biological data.

The bridge course will be held from **February 27th 2023 to March 7th 2023 at room no. 15 (Zoology lab.)** The course will consist of lectures, hands-on exercises, and group discussions.

We encourage you to attend this course if you are interested in pursuing a career in Zoology.



Dr. Harshad Vanmali
Head of Department

Objectives of Bridge Course

- 1] The main objective of the bridge course is to bridge the gap between subjects studied at pre university level and subject to be studied at university level.
- 2] To develop the confidence and skills to ensure successful transition to new college curriculum.
- 3] To clear the basic concepts in the subjects of zoology.
- 4] To fill the gap created due to online teaching learning process.

Syllabus of Bridge Course

Sr.No.	Syllabus
1.	Concept of Osmoregulation
2.	Concept of Osmoregulation
3.	Concept of Rheology
4.	Concept of Rheology
5.	Concept of Biochemical adaptation
6.	Concept of Spectroscopy
7.	Concept of Chromatography
8.	Concept of Cellular physiology
9.	Concept of Anthropology
10.	Test

Timetable

2022-2023

Sr.No.	Date/Day	Time	Classroom	Topic
21.	February 27th 2023	2.00 pm	Room no. 15	Concept of Osmoregulation
22.	February 27th 2023	2.00 pm	Room no. 15	Concept of Osmoregulation
23.	February 28th 2023	2.00 pm	Room no. 15	Concept of Rheology
24.	March 1st 2023	2.00 pm	Room no. 15	Concept of Rheology
25.	March 2nd 2023	2.00 pm	Room no. 15	Concept of Biochemical adaptation
26.	March 3rd 2023	2.00 pm	Room no. 15	Concept of Spectroscopy
27.	March 4th 2023	2.00 pm	Room no. 15	Concept of Chromatography
28.	March 5th 2023	2.00 pm	Room no. 15	Concept of Anthropology
29.	March 6th 2023	2.00 pm	Room no. 15	Test
30.	March 7th 2023	2.00 pm	Room no. 15	Concept of Osmoregulation

Outcomes of Bridge Course

1] Students learn concepts in zoology which they wouldn't have understood during online sessions of teaching.

2] Students are able to understand zoological terms and ideas which will help them to analyze and synthesize information obtained at third year of degree course.

Sonopant Dandekar College –Palghar

Dept. Of Zoology

M.Sc Animal Physiology Test]

Q.1) Define the following in one sentence (05)

- 1) Define Osmoregulation
- 2) Define Adaptation
- 3) Define Rheology
- 4) Define Chromatography
- 5) Define Spectoscopy

Q.2) Describe in detail (15)

- 1) Explain about chromatography with its examples.
- 2) Write a note on Rheology
- 3) What is Physiology explain with example.

2022-2023

Sr. No	Roll No.	Signature
1.	47013	<i>Edhat</i>
2.	47016	<i>Azous</i>
3.	47017	<i>Zakat</i>

Amir

Teacher's Signature

M.Sc-II Animal Physiology
2022-2023

Sr. No	Roll No.	Marks Obtained/20
1.	47013	13
2.	47016	07
3.	47017	18



Teacher's Signature

Notice
Department of Zoology
Bridge course

Date 27/02/2020

We are pleased to announce a bridge course in 'Concepts in Zoology' to help you gain a deeper understanding of various fields such as Animal Physiology, Developmental biology and various other frontiers in zoology which combines various aspects of zoology to provide a rounded development.

The course will cover various topics which are designed to prepare you for more advanced courses in above subjects and related fields, and to help you develop the skills necessary to analyze and interpret biological data.

The bridge course will be held from **February 27th 2023 to March 7th 2023 from 2.00 pm at room no. 16**. The course will consist of lectures, hands-on exercises, and group discussions.

We encourage you to attend this course if you are interested in pursuing a career in Zoology.



Dr. Harshad Vanmali
Head of Department

Objectives of Bridge Course

- 1] The main objective of the bridge course is to bridge the gap between subjects studied at pre university level and subject to be studied at university level.
- 2] To develop the confidence and skills to ensure successful transition to new college curriculum.
- 3] To clear the basic concepts in the subjects of zoology.
- 4] To fill the gap created due to online teaching learning process.

Syllabus of Bridge Course

Sr.No.	Syllabus
1.	Concept of Biological Oceanography
2.	Concept of Chemical Oceanography
3.	Concept of Physical Oceanography
4.	Concept of Aquaculture
5.	Concept of Brooder & Sexual Dimorphism
6.	Concept of Fish Anatomy
7.	Con Concept of Fish Culture
8.	Concept of Farm Engineering
9.	Concept of Fin Fish & Shell fish pathology
10.	Test

Timetable

2022-2023

Sr.No.	Date/Day	Time	Classroom	Topic
31.	February 27th 2023	2.00 pm	Room no. 16	Concept of Biological Oceanography
32.	February 27th 2023	2.00 pm	Room no. 16	Concept of Chemical Oceanography
33.	February 28th 2023	2.00 pm	Room no. 16	Concept of Physical Oceanography
34.	March 1st 2023	2.00 pm	Room no. 16	Concept of Aquaculture
35.	March 2nd 2023	2.00 pm	Room no. 16	Concept of Brooder & Sexual Dimorphism
36.	March 3rd 2023	2.00 pm	Room no. 16	Concept of Fish Anatomy
37.	March 4th 2023	2.00 pm	Room no. 16	Con Concept of Fish Culture
38.	March 5th 2023	2.00 pm	Room no. 16	Concept of Farm Engineering
39.	March 6th 2023	2.00 pm	Room no. 16	Concept of Fin Fish & Shell fish pathology
40.	March 7th 2023	2.00 pm	Room no. 16	Test

Outcomes of Bridge Course

1] Students learn concepts in zoology which they wouldn't have understood during online sessions of teaching.

2] Students are able to understand zoological terms and ideas which will help them to analyze and synthesize information obtained at third year of degree course.

Sonopant Dandekar College –Palghar

Dept. Of Zoology

M.Sc Oceanography [Test]

Q.1) Define the following in one sentence

(05)

- 6) Define Aquaculture
- 7) Define Anatomy
- 8) Define Brooder
- 9) Define Dimorphism
- 10) Define Oceanography

Q.2) Describe in detail

(15)

- 4) Explain Farm engineering
- 5) Explain types of Chemical oceanography
- 6) Describe sexual dimorphism.

2022-2023

Sr. No	Roll No.	Signature
1.	47002	Madhav
2.	47010	Dr. Kamadi
3.	47018	Changit
4.	47020	Thar

Am,

Teacher's Signature

M.Sc-II Oceanography
2022-2023

Sr. No	Roll No.	Marks Obtained/20
1.	47002	08
2.	47010	09
3.	47018	12
4.	47020	10


Teacher's Signature

Department of Computer Science

Sonopant Dandekar Arts, V.S. Apte commerce and M.H. Mehta Science College, Palghar,

BACHELOR OF COMPUTER SCIENCE

Academic Year – 2022-23

Time Table

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date	22-08-2022	23-08-2022	24-08-2022	25-08-2022	26-08-2022	27-08-2022
Time	2 PM to 4 PM	2 PM to 4 PM	2 PM to 4 PM	2 PM to 4PM	2 PM to 4 PM	2 PM to 4 PM

Bridge Course Syllabus

Sr. No.	Topic
1	Basics of Computer Science
2	Fundamental concepts
3	Basics of Computer System
4	Programming language
5	Hardware and Software
6	Analog and Digital
7	Operating System
8	Internet
9	Types of Computers
10	Computer Networking

- 11 Computer Application
- 12 Algorithm and flowchart

Teaching Plan

Monday	Basics of Computer Science, Fundamental concepts
Tuesday	Basics of Computer System, Programming language
Wednesday	Hardware and Software, Analog and Digital
Thursday	Operating System, Internet
Friday	Types of Computers, Computer Networking
Saturday	Computer Application, Algorithm and flowchart

Bridge Course Day Wise Daily Attendance Sheet

Subject – Basics of Computer Science

Date - 22-08-2022 to 27-08-2022

Time - _2 PM to 3 PM_____

Class – F.Y.BSC CS

Name of the Teacher – Vaishali Sindekar

**Bridge Course Day Wise
Daily Attendance Sheet**

Subject - Basics of Computer Science

Date - 29/08-2022

Time - 2 PM to 3 PM

Class - C.Y. BSC CS

Name of the Teacher - Vaishali Sindekar

Sr. No.	Name of Student	Signature
1	Hastikesh Chaudhari	[Signature]
2	Laxi Mishra	[Signature]
3	Naina Gupta	[Signature]
4	Parangest Chandrabhanu Singh	[Signature]
5	Jayanti Jha	[Signature]
7	Rishab Taranis	[Signature]
8	Soni Singh	[Signature]
9	Bhavika Jain	[Signature]
10	Roshni Uwar	[Signature]
11	Pranshu Mani Tambe	[Signature]
12	Atharva Patil	[Signature]

Signature
Head of the Department
Department of Computer Science

**Bridge Course Day Wise
Daily Attendance Sheet**

Subject - Basics of Computer Science
Time - 2 PM to 3 PM
Class - F.Y.BSC CS
Name of the Teacher - Vaishali Sindekar

Date - 22/08-2022

Sr. No.	Name of Student	Signature
1	Hrishikesh Chaudhan	[Signature]
2	Lova Mhetre	[Signature]
3	Naina Gupta	P. Gupta
4	Paramjeet Chandrabhanu Singh	P. Singh
5	Jayanti jha	J. Jha
7	Raidas Talsaniya	Raidas
8	Sunil Singh	[Signature]
9	Bhavika Jain	[Signature]
10	Roshni tiwari	R. Tiwari
11	Pranay nitin tambe	Tambe
12	Atharva Patil	A. Patil

Signature
Head of the Department
Department of Computer Science

**Bridge Course Day Wise
Daily Attendance Sheet**

Subject - Basics of Computer Science

Date - 25/08-2022

Time - 2 PM to 3 PM

Class - F.Y.BSC CS

Name of the Teacher - Vaishali Sindekar

Sr. No.	Name of Student	Signature
1	Hrishikesh Chaudhari	
2	Love Mhatre	
3	Naina Gupta	
4	Paramjeet Chandrabhanu Singh	
5	Jayanti Jha	
7	Raidas Talsaniya	
8	Sunil Singh	
9	Bhavika Jain	
10	Roshni tiwari	
11	Pranay nilin tambe	
12	Atharva Patil	

Signature
Head of the Department
Department of Computer Science




**Bridge Course Day Wise
Daily Attendance Sheet**

Subject - Basics of Computer Science
Time - 2 PM to 3 PM

Date - 23/08-2022

Class - F.Y.BSC CS

Name of the Teacher - Vaishali Sindekar

Sr. No.	Name of Student	Signature
1	Hrishikesh Chaudhari	
2	Love Mhatre	
3	Naina Gupta	N Gupta
4	Paramjeet Chandrabhanu Singh	P Singh
5	Jayanti Jha	
7	Raidas Talsaniya	Raidas
8	Sunil Singh	SS
9	Bhavika Jain	Bh Jain
10	Roshni Tiwari	Roshni
11	Pranay Nitin Tambe	Tambe
12	Atharva Patil	A.Patil

Signature
Head of the Department
Department of Computer Science

**Bridge Course Day Wise
Daily Attendance Sheet**

Subject - Basics of Computer Science

Date - 25/08-2022

Time - 2 PM to 3 PM

Class - F.Y.BSC CS

Name of the Teacher - Vaishali Sindekar

Sr. No.	Name of Student	Signature
1	Hrishikesh Chaudhari	<i>[Signature]</i>
2	Love Mhatre	<i>[Signature]</i>
3	Naina Gupta	<i>N. Gupta</i>
4	Paramjeet Chandrabhanu Singh	<i>P. Singh</i>
5	Jayanti jha	<i>[Signature]</i>
7	Raidas Tatsaniya	<i>Raidas</i>
8	Sunil Singh	<i>[Signature]</i>
9	Bhavika Jain	<i>[Signature]</i>
10	Roshni tiwari	<i>Roshni</i>
11	Pranay nitin tambe	<i>[Signature]</i>
12	Atharva Patil	<i>A. Patil</i>

Signature
Head of the Department
Department of Computer Science

**Bridge Course Day Wise
Daily Attendance Sheet**

Subject – Basics of Computer Science
Time – 2 PM to 3 PM
Class – F.Y.BSC CS
Name of the Teacher - Vaishali Sindekar

Date - 26/08-2022

Sr. No.	Name of Student	Signature
1	Hrishikesh Chaudhari	Hrishikesh
2	Love Mhatre	Love
3	Naina Gupta	N. Gupta
4	Paramjeet Chandrabhanu Singh	P. Singh
5	Jayanti jha	J.J
7	Raidas Talsaniya	Raidas
8	Sunil Singh	Sunil
9	Bhavika Jain	Bhavika
10	Roshini tiwari	Roshini
11	Pranay nitin lambe	Pranay
12	Atharva Patil	A. Patil

Signature
Head of the Department
Department of Computer Science

Signature
Head of the Department
Department of Computer Science

Sonopant Dandekar Arts, V.S. Apte commerce and M.H. Mehta Science College, Palghar,

BACHELOR OF COMPUTER SCIENCE

Academic Year – 2022-23

F.Y.Bsc CS Bridge Course (Pre - Test) 2022 – 2023

Max Marks – 20

Q. 1 Answer all the questions (Each question carries two marks) 10

- 1.What is hardware and software?
- 2.What is operating system?
- 3.What is internet?
- 4.What are types of computers?
- 5.What is networking?

Q. 2 Answer all the questions (Each question carries five marks) 10

- 1.Explain what is flow chart.
- 2.Explain what is algorithm.

Sonopant Dandekar Arts, V.S. Apte commerce and M.H. Mehta Science College, Palghar,

BACHELOR OF COMPUTER SCIENCE

Academic Year – 2022-23

F.Y.Bsc CS Bridge Course (Post - Test) 2022 – 2023

Max Marks – 20

- Q. 1 Answer all the questions (Each question carries two marks) 10
- 1.What is hardware and software?
 - 2.What is operating system?
 - 3.What is internet?
 - 4.What are types of computers?
 - 5.What is networking?
- Q. 2 Answer all the questions (Each question carries five marks) 10
- 1.Explain what is flow chart.
 - 2.Explain what is algorithm.

Sonopant Dandekar Arts, V.S. Apte commerce and M.H. Mehta Science College, Palghar,

BACHELOR OF COMPUTER SCIENCE

Academic Year – 2022-23

Incremental growth among slow learners

Sr. No.	Name of the Student	Pre Test Marks	Post Test Marks
1	Hrishikesh Chaudhari	10	18
2	Love Mhatre	12	16
3	Naina Gupta	10	18
4	Paramjeet Chandrabhanu Singh	08	16
5	Jayanti jha	12	18
6	Raidas Talsaniya	10	16
7	Sunil Singh	10	16
8	Bhavika jain	04	14
9	Roshni tiwari	06	16
10	Pranay nitin tambe	08	16
11	Atharva Patil	10	16

Signature

Head of the Department

Department of Computer Science

Sonopant Dandekar Arts, V.S. Apte commerce and M.H. Mehta Science College, Palghar,

BACHELOR OF COMPUTER SCIENCE

Academic Year – 2022-23

Photos of Bridge Courses



Signature
Coordinator

Signature
Head of the Department
Department of Computer Science

Department of Geography

**Department of Geography Organises Bridge Course in Geography for
F Y B A Students in the Academic Year 2018-19**

**Bridge Course – 2022-23
Department of Geography**

Department of Geography has organized Bridge Course for the Students who are disconnected with the subject of Geography at their junior college level. An introductory orientation of the subject will help in creating interest and clear basic concepts of subject. All the newly admitted students are instructed to enrol their names for Bridge Course conducted by Dept. of Geography and attend the course according to the schedule displayed by the department.

भूगोल विभागाने प्रथम वर्ष बी ए या वर्गातील विद्यार्थ्यांसाठी ब्रिज कोर्स आयोजित केला आहे. ज्या विद्यार्थ्यांना कनिष्ठ महाविद्यालयीन स्तरावर भूगोल हा विषय नव्हता अशा सर्व विद्यार्थ्यांकरिता ब्रिज कोर्स आहे. नव्याने प्रवेश घेतलेल्या सर्व विद्यार्थ्यांना भूगोल विभागातर्फे आयोजित केलेल्या ब्रिज कोर्ससाठी त्यांची नावे नोंदवावी आणि विभागाने दिलेल्या वेळापत्रकानुसार या अभ्यासक्रमास उपस्थित राहावे.



**Incharge Faculty
Prof. P D Ghode**



**Dr. B B Rahane
Head of the Department**

**Department of Geography Organises Bridge Course in Geography for
First Year B A Students in the Academic Year 2022-23**

Schedule of the Bridge Course

Date	Topic	Speaker
4/08/2022	Pre Course Evaluation	Online Test
5/08/2022	Fundamentals of Human Geography	Dr. Balasaheb B Rahane , Dept. of Geography, Sonopant Dandekar College, Palghar
6/08/2022	Basic of Practical Geography	Dr. Hemant Pednekar , Ex. Principal and Head, Dept. of Geography, SD College Palghar
7/08/2022	Fundamentals of Physical Geography	Asst. Prof. Dinesh J Nahire , Dept of Geography, SVPP's ASC .College , Onde, Vikramgad, Dist . Palghar
8/08/2022	Fundamentals of Geography	Asst. Prof. P D Ghode , Dept of Geography, Sonopant Dandekar College, Palghar
9/08/2022	Innovative Technologies in Geography	Asst.Prof. Dnyaneshwar Bombe , Head, Dept. of Geography, Sathaye College, Vile Parle, (East) Mumbai
10/08/2022	Post Course Evaluation and Feedback	Online Test and Feedback



Incharge Faculty
Prof. P D Ghode



Dr. B B Rahane
Head of the Department

**Department of Geography Organises Bridge Course in Geography for
F Y B A Students in the Academic Year 2022-23
Syllabus of Bridge Course**

	Topic	Subtopics	Hrs.
Module 1	Fundamentals of Geography	Origin, Contribution of Geographers, school of thoughts, Major Branches	02
Module 2	Fundamentals of Physical Geography	Origin, major branches, basic concepts	02
Module 3	Fundamentals of Human Geography	Origin, major branches, basic concepts	02
Module 4	Fundamentals of Practical Geography	Introduction to Maps and Map reading Field work/field studies Introduction of quantitative techniques	02
Module 5	Innovative Technologies in Geography	Remote sensing GIS GPS Online Data resources	02



Head of the Department
Department of Geography

**Department of Geography Organises Bridge Course in Geography for
F Y B A Students in the Academic Year 2021-22
Teaching Plan of the Course**

Sr No	Date	Topic	No of Hours
1	4/08/2022	Pre-Test	01
2	5/08/2022	Fundamentals of Geography	02
3	6/08/2022	Fundamentals of Physical Geography	02
4	7/08/2022	Fundamentals of Human Geography	02
5	8/08/2022	Basic of Practical Geography	02
6	9/08/2022	Innovative Technologies in Geography	02
7	10/08/2022	Evaluation and Feedback	01



Head of the Department
Department of Geography



Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

(Best College - University of Mumbai)

(Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019')

Dept. of Geography Bridge Course

Attendance Record: -

Time:-

Sr. No.	Roll No.	Student Name	Date:	Date:	Date:	Date:
1	622	BIRARI YATISH JAYARAM	Yatish	Yatish	Yatish	Yatish
2		BONGE VEDIKA SADANAND				
3	620	DHAPSHI RIYA NITESH	Dhaphshi	Dhaphshi	Dhaphshi	Dhaphshi
4	618	DHAPSHI ARTI GANESH	Arti	Arti	Arti	Arti
5	715	DHIKAR DHEERAJ RATAN	Dhikar	Dhikar	Dhikar	Dhikar
6	679	GADAG AMIT CHANDRAKANT	Amit	Amit	Amit	Amit
7	662	GOLIM SUGANDHA PANDU	Golim		Golim	Golim
8	746	HEMADA DARSHANA MADHUKAR	Hemada	Hemada	Hemada	Hemada
9	615	JADHAV BHAVINI MADHU	Bhavini	Bhavini	Bhavini	Bhavini
10		KATKAR PRITI VINOD				
11	50001	KORDA PRAMILA DATTATRAY	Pramil	Pramil	Pramil	Pramil
12	703	MANDHARE RAJAS DNYANDEO	Raj	Raj	Raj	Raj
13	714	PATIL PIYUSH RAMKRISHNA	Piyush	Piyush	Piyush	Piyush
14	50010	RINJAD CHIRAG PRADIP	Chirag	Chirag	Chirag	Chirag
15	665	SOMVANSHI NAVJYOT RAMCHANDRA	Navjyot	Navjyot	Navjyot	Navjyot
16	767	SURALKAR AJAY PRAKASH	Ajay	Ajay	Ajay	Ajay
17	637	VAVARE MAYURI CHANDRAKANR	Mayuri	Mayuri	Mayuri	Mayuri
18		BHOYE SUDAM JEEVU				
19		PARHAD SUDHIR JAYARAM				
20		TUMBADA MAHESH BALU				
21		TUMBADA MAHESH BABALYA GULAB				
22		VAIDYA TAPASWINI DEEPAK				
23		SAWANT ASHWINI ASHOK				
24						
25						

Incharge Faculty
Prof. P D Ghode

Dr. B B Rahane
Head of the Department

FYBA GEOGRAPHY PAPER

Test -1

Time: 30 Minutes

Marks: 20

Q.No.

- 1 D मानवी आर्थिक क्रियांचा शोध घेण्यासाठी पुढील पैकी कोणत्या घटकांचा उपयोग होतो ?
Which of the following factors is used to explore human economic activity?
- A ऐतिहासिक घटक Historical elements
B तंत्रज्ञान Technology
C सांस्कृतिक पर्यावरण Cultural environment
D प्राकृतिक पर्यावरण The natural environment
- 2 A भूगोलात पर्यटन क्षेत्राचा अभ्यास केला जातो.
A पर्यटन
B ऐतिहासिक
C आर्थिक
D राजकीय
- 3 C प्रदेशामधील विविधता आणि त्यांच्या वितरणाचा अभ्यास कोणत्या शाखेत केला जातो ?
Diversity in the region and their distribution is studied in which branch?
- A वस्ती भूगोल Population geography
B वैद्यकीय भूगोल Medical geography
C प्रादेशिक भूगोल Territorial geography
D आर्थिक भूगोल Economic geography
- 4 Bयाच्या मतानुसार मानवी जीवन हे पूर्णता निसर्गावर अवलंबून आहे.
A हॅम्बोल्ट
B हिप्पोक्रेटस
C रिटर
D ऐलन सॅम्पल
- 5 A मानवाचा प्राथमिक व्यवसाय कोणता?
A शेती

- B व्यापार
C वाहतूक
D माहिती तंत्रज्ञान
- 6 Aभूगोलात मानव केंद्र स्थानी आहे.
A मानवी
B हवामान शास्त्र
C वनस्पती शास्त्र
D भूरूप शास्त्र
- 7 C इ.स ते 1920 मांडली संकल्पना कोणती यांनी कांट व कर्क विल्यम तज भूगोल जर्मन च्या 1930 ?
What concept was developed by the German geographers William Kirk and Kant from 1920 to 1930?
A कल्याणकारी दृष्टिकोन Welfare approach
B मानवतावादी दृष्टिकोण Humanitarian approach
C पर्यावरणीय दृष्टिकोण Environmental perspective
D वर्तणूक विषयक दृष्टिकोण Behavioral approaches
- 8 D प्रदेशाचा उतार, भूप्रदेश रचना हवामान इत्यादी देवांचे असून त्यांचा परिणाम मानवाच्या जीवनशैली वर होतो असे प्रतिपादन कोणी केले ?
Who asserts that the descent of land, terrain, climate, etc., belong to the gods and have an effect on human life?
A कांट Kant
B हंबोल्ट Humboldt
C रिटर Ritter
D स्ट्रेबो Strabo
- 9 A फ्रेंच भूगोलतज्ञ विदाल द ला ब्लाश हे चे कट्टर पुरस्कर्ते होते.
French geographer Vidal de la Blash was a staunch supporter of.....
A संभव वाद possibilism
B निसर्गवाद Naturalism
C थांब व जा निश्चयवाद Stop and go determinism
D पर्यावरण वाद environmentalism
- 10 D मानवी संस्कृतीचा उदय आणि विकास कोठे झाला?
A पठारी प्रदेश

- B वाळवंटी प्रदेश
- C पर्वतीय प्रदेश
- D नदी खोऱ्यात



Coordinator

Prof. P D Ghode



Dr. B B Rahane

Head of the Department

F.Y.B.A. Geography Bridge Course (Online Post - Test) 2022 – 2023

FYBA GEOGRAPHY - TEST -2

Time: 30 Minutes

Max Marks - 20

Q.No.

- 1 B 1970 च्या सुमारास कोणत्या दृष्टिकोनाचा विकास झाला.
A सांख्यिकीय
B पुरोगामी दृष्टिकोन
C मानवतावादी दृष्टिकोन
D कल्याणकारी दृष्टीकोण
- 2 C विपुवृत्तीय पट्ट्यात मुख्य व्यवसाय कोणता आहे.
A कारखानदारी
B शेती
C शिकार
D पशूपालन
- 3 C देशांमध्ये प्राथमिक व्यवसायात गुंतलेल्या लोकांचे प्रमाण अधिक असते.
The proportion of people engaged in primary occupations is higher in countries.
A विकसित Developed
B विकसनशील Developing
C अविकसित underdeveloped
D प्रगत Advanced
- 4 A संभववादा नुसार ज्ञान आणि बुद्धिमत्ता यांच्या साहाय्याने मानव शक्तीवर स्वामित्व गाजवू शकतो.
According to possibilism, with the help of knowledge and intelligence, human beings can master the forces
A नैसर्गिक Natural
B मानव निर्मित Man-made
C सांस्कृतिक Cultural
D नैसर्गिक आणि मानवनिर्मित Natural and man-made

- 5 A नारळी पौर्णिमेनंतर सुरुवात होते.
A मासेमारी
B शिकार
C शेती
D पशूपालन.
- 6 B म्हणतात काय वस्त्यांना असणाऱ्या लोकसंख्या जास्त लाखांपेक्षा 50 ?
What is a settlement with a population of over 50 lakhs called?
A महानगर Metropolis
B प्रमहानगर megalopolis
C नगर town
D शहर city
- 7 C भारतातील खालीलपैकी शैक्षणिक शहर कोणते?
A नागपूर
B पंढरपूर
C पुणे
D प्रयाग
- 8 C मानवी संस्कृतीचा उदय व विकास खोऱ्यात झालेला आढळतो.
The evolution and development of human culture is found in the valley.
A सरोवर Lake
B पठार Plateau
C नदी River
D मैदानी Plain
- 9 B खालीलपैकी कोणते धार्मिक केंद्र असलेले शहर आहे ?
Which of the following is a city with a religious center?
A भोपाळ Bhopal
B रामेश्वर Rameshwar
C जमशेदपूर Jamshedpur
D कोलार Kolar

- 10 D खालीलपैकी ग्रामीण वसाहतीत कोणता घटक आढळत नाही ?
Which of the following elements is not found in rural settlements?
- A वनस्पतींचे प्रमाण जास्त असते. The amount of vegetation is high.
B मोकळ्या जागा जास्त असतात. Spaces are more.
C शैक्षणिक सुविधा कमी. Lack of educational facilities.
D लोकसंख्येचे प्रमाण जास्त The proportion of the population is high.



Coordinator
Prof. P D Ghode



Dr. B B Rahane
Head of the Department

Department of Economics

Time Table

Name of the Teacher –

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday
Date	01/08/2022	02/08/2022	03/08/2022	04/08/2022	05/08/2022	06/08/2022	08/08/2022
Time	02.10 pm to 3.00pm	02.10 pm to 3.00pm	02.10 pm to 3.00pm	02.10 pm to 3.00pm	02.10 pm to 3.00pm	02.10 pm to 3.00pm	02.10 pm to 3.00pm

Bridge Course Syllabus

Sr.
No.

Topic

- 1 **Micro Economics:** Law of demand. Law of supply, Utility, Market structure, price.
- 2 **Macro Economics:** National Income, Investment, Saving, Inflation.
- 3 **Economics Development:** Economic Development, Underdevelopment, Growth, Poverty.
- 4 **International Economics:** Trade, Balance of payment, Balance of Trade, Exchange Rate, Devaluation. Dumping
- 5 **Money, Banking And Finance:** Supply of money, high powered money, money multiplier.

Teaching Plan

Monday	law of demand. law of supply
Tuesday	Utility, Market structure.
Wednesday	National Income, Investment, Saving, Inflation.
Thursday	Economic Development, Underdevelopment, Growth, Poverty.
Friday	Trade, Balance of payment, Balance of Trade
Saturday	Exchange Rate, Devaluation. Dumping
Monday	Supply of money, high power money, money multiplier

Attendance of Bridge course 2022-23

Bridge Course Day Wise Daily Attendance Sheet 2022-2023

Subject – Economics

Time : 2.10 - 3.00 pm

Class – F.Y.B.A.

Room No: - N-15

Name of the Teacher – Prof Minal Saptarshi

SR.NO	ROLL NO	STUDENT NAME	01/08/22	02/08/22	03/08/22	04/08/22	05/08/22	06/08/22	08/08/22
1	27	Rathod Komal Sanjay	K.S.P	K.S.P	K.S.P	K.S.P	K.S.P	K.S.P	K.S.P
2	38	Pawar Ashwini Lahu	A.Pawar	A.Pawar	A.Pawar	A.Pawar	A.Pawar	A.Pawar	A.Pawar
3	46	Meher Richa Nilesh	M.R.N	M.R.N	M.R.N	M.R.N	M.R.N	M.R.N	M.R.N
4	53	Valvi Prathamesh Shailesh	P.Valvi	P.Valvi	P.Valvi	P.Valvi	P.Valvi	P.Valvi	P.Valvi
5	58	Thapda Amit Mulchand	A.M	A.M	A.M	A.M	A.M	A.M	A.M
6	66	Komb Asmita Parshuram	A.Smita	A.Smita	A.Smita	A.Smita	A.Smita	A.Smita	A.Smita
7	74	Gowari Rohit Jana	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit
8	98	More Mithesh Mahindra	M.M	M.M	M.M	M.M	M.M	M.M	M.M

M.S.

Department of Economics

F.Y.B.A. Bridge Course (Pre - Test) 2016-2017

अर्थशास्त्र विभाग

विद्यार्थ्यांचे नाव:
मिनीट)

CLASS F.Y.B.A

गुण- 20 (वेळ- 30

योग्य पर्याय निवडून वाक्य पुर्ण करा.

- 1 अर्थव्यवस्थेतील क्षेत्रापैकी ----- क्षेत्राला सेवा क्षेत्र म्हणतात.
 प्राथमिक द्वितीय तृतीय चतुर्थ
- 2 GST हा कर भारतात केंव्हापासून लागू करण्यात आला?
 १ एप्रिल २०१७ १ जुलै २०१७ १ जुलै २०१६ १ मार्च २०१६
- 3 भारतात नोटाबंदीचा निर्णय केंव्हा घेण्यात आला?
 ८ नोव्हेंबर २०१६ १ नोव्हेंबर २०१६ ५ नोव्हेंबर २०१६ १ जानेवारी २०१७
- 4 भारतीय शेतीची उत्पादकता ----- आहे.
 जास्त मध्यम अल्प यापेक्षा वेगळे
- 5 महाराष्ट्राची अर्थव्यवस्था ----- अर्थव्यवस्था म्हणून ओळखली जाते.
 श्रमप्रधान कृषिप्रधान भांडवलप्रधान यापेक्षा वेगळे
- 6 जागतिक पर्यावरण दिवस केंव्हा साजरा केला जातो?
 ५ जुलै ५ जून २५ जानेवारी ५ डिसेंबर
- 7 ----- म्हणजे जागतिक अर्थव्यवस्थेचे एकात्मीकरण होय.
 उदारीकरण खाजगीकरण जागतिकीकरण यापेक्षा वेगळे
- 8 मेक इन इंडियाची स्थापना केंव्हा झाली?
 २५ सप्टेंबर २०१४ २५ सप्टेंबर २०१३ २४ नोव्हेंबर २०१३ २४ सप्टेंबर २०१२
- 9 ----- यांना महाराष्ट्राच्या हरितक्रांतीचे जनक म्हणून ओळखले जाते.
 डॉ.स्वामिनाथन वसंतराव नाईक सी.सुब्रमण्यम डॉ.नॉर्मन बोरलॉग
- 10 भारत कोणत्या वस्तूंची सर्वाधिक आयात करतो?
 अन्न व संबंधित वस्तू इंधने खते भांडवली वस्तू

F.Y.B.A. Bridge Course (Post - Test) 2016-2017
अर्थशास्त्र विभाग

विद्यार्थ्यांचे नाव:
(वेळ- 30 मिनीट)

Class FYBA (Arts)

गुण- 20

योग्य पर्याय निवडून वाक्य पूर्ण करा.

1 ----- यांना अर्थाशत्राचे जनक म्हणून ओळखले जाते.

- कार्ल मार्क्स अडम स्मिथ अमर्त्य सेन आर्य चाणक्य

2 घटत्या सीमांत उपयोगितेचा सिद्धांत ----- यांच्या नावाने ओळखला जातो.

- डॉ. मार्शल केन्स रिकार्डो यापेक्षा वेगळे

3 इतर परिस्थिती कायम असताना वस्तूची ----- वाढली असता तिची मागणी कमी होते आणि ---
--- कमी झाल्यास मागणी वाढते.

- किंमत, किंमत मागणी, मागणी पुरवठा, पुरवठा यापेक्षा वेगळे

4 विशिष्ट किंमतीला विक्रेत्याने विक्रीस काढलेले परिमाण म्हणजे ----- होय.

- मागणी किंमत पुरवठा खर्च.

5 जो खर्च उत्पादनाच्या प्रमाणानुसार बदलत नाही त्यास ----- खर्च म्हणतात.

- स्थिर बदलता वैकल्पिक सीमांत

6 ज्या ठिकाणी मागणी व पुरवठ्याचा समतोल होतो, त्या ठिकाणी ----- निश्चित होते.

- पुरवठा मागणी किंमत यापेक्षा वेगळे

7 ज्या बाजारात ग्राहक व विक्रेत्यांची संख्या असंख्य असते त्या बाजारास ----- स्पर्धेचा बाजार असे म्हणतात.

- पूर्ण अपूर्ण मत्केदारी अल्पविक्रेताधिकार

8 अर्थव्यवस्थेतील द्वितीय क्षेत्राला ----- क्षेत्र असे म्हणतात.

- उद्योग सेवा शेती इतर

9 ज्या बाजारात विशिष्ट वस्तूचा फक्त एकच विक्रेता असतो त्या बाजारास ----- असे म्हणतात.

- मत्केदारी द्वि-विक्रेताधिकार अल्पविक्रेताधिकार पूर्ण स्पर्धा

10 भारतीय अर्थव्यवस्थेचे स्वरूप व्यक्त करण्यासाठी कोणते विधान योग्य ठरेल

- विकसित विकसनशील अविकसित अल्पविकसित

Incremental growth among slow learners

Sr.No.	Roll No.	Name of Student	Pre Test Marks	Post Test Marks
1	27	Rathod Komal Sanjay	08	18
2	38	Pawar Ashwini Lahu	06	16
3	46	Meher Richa Nilesh	08	14
4	53	Valvi Prathamesh Shailesh	10	16
5	58	Thapda Amit Mulchand	08	14
6	66	Komb Asmita Parshuram	12	18
7	74	Gowari Rohit Jana	12	16
8	98	More Mithesh Mahindra	10	14

Photos of Bridge Courses



Signature
Coordinator

Signature
Head of the Department
Department of Economics

Department of English

**Sonopant Dandekar Arts College, V. S. Apte Commerce College &
M. H. Mehta Science College, Palghar, Dist. Palghar.**

Time Table

Name of the Teacher –

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date	05/09/2022	06/09/2022	07/09/2022	08/09/2022	09/09/2022	10/09/2022
Time	11:50 pm to 12:40 pm	11:50 pm to 12:40 pm	11:50 pm to 12:40 pm	11:50 pm to 12:40 pm	11:50 pm to 12:40 pm	11:50 pm to 12:40 pm

Bridge Course Syllabus

Sr. No.	Topic
1	Idioms and Phrases
2	Sentence Rearrangements & Para jumbles
3	Spotting the error
4	Homophones and Homonyms
5	Collocations
6	Formal Speeches
7	Picture Composition
8	Interviewing others
9	Story Telling
10	Dialogue
11	Active Listening
12	Memoir Writing

Teaching Plan

Monday	Grammar Exercises
Tuesday	Vocabulary Game
Wednesday	Idioms & Phrases
Thursday	Active Listening
Friday	Picture composition
Saturday	Memoir writing

**Sonopant Dandekar Arts College, V. S. Apte Commerce College &
M. H. Mehta Science College, Palghar, Dist. Palghar.**

**Sonopant Dandekar Arts College, V. S. Apte Commerce College &
M. H. Mehta Science College, Palghar, Dist. Palghar**

Day wise Attendance Report of Remedial Course (2022-23)

Name of the Subject: Communication Skills in English

Sr. No	Roll No.	Name of the Student	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
1	10	PATIL DIYA NILESH	Diya	Diya	Diya	AB	Diya	Diya
2	14	GOSAVI SONALI MADHUKAR	SONALI	SONALI	SONALI	SONALI	SONALI	AB
3	25	SHELAR DIVYA JAYWANT	D.J.Shelar	D.J.Shelar	D.J.Shelar	D.L.Shelar	AB	D.J.Shelar
4	36	WAGH MANASI LAXMAN	Mansi	Mansi	Mansi	Mansi	Mansi	Mansi
5	44	MEHER TEJAS PRAFUL	Rmeher	Rmeher	Rmeher	Rmeher	Rmeher	Rmeher
6	49	GHODA PRAMOD KAKAD	RPhoda	RPhode	RPhoda	RPhoda	AB	RPhode
7	57	GADGE AKASH AJAGAR	AB	Akash	Akash	Akash	Akash	Akash
8	62	RAUT GATISH SURENDRA	G.S.Raut	G.S.Raut	G.S.Raut	G.S.Raut	AB	G.S.Raut
9	68	PATIL RUCHIKA HANSRAJ	RHPatil	RHPatil	RHPatil	RHPatil	RHPatil	AB
10	80	KAMADI SHIRISH SAINATH	Skamadi	Skamadi	Skamadi	SSkadi	Skadi	Skamadi

11	87	CHAVHAN NAGESHWAR VITTHAL	N	N	N	N	N	N
12	95	VAVARE SNEHA PRADIP	S.p.Vavare	S.P.Va vare	S.p.Vavare	S.P.Vava	S.p.Vavare	S.P.Vavare
13	98	MORE MITESH MAHENDRA	More	More	More	More	AB	More
14	104	RAUT SANIYA CHANDRAKANT	Raut	Raut	Raut	Raut	Raut	AB
15	162	PATIL RIYA HEMANT	AB	Riya	Riya	Riya	Riya	Riya
16	165	SURKULE SHWETA BANDU	Shweta	Shweta	Shweta	Shweta	Shweta	AB
17	180	PAWADE CHINMAY YOGESH	Pawade	Pawade	Pawade	Pawade	Pawade	Pawade
18	257	MANDAL ROHIT TAPAN	R.T.Mandal	AB	R.T.Mandal	R.T.Mandal	R.T.Mandal	R.T.Mandal
19	30002	GURODE NAKUL P.	Gurode	Gurode	Gurode	Gurode	Gurode	AB
20	30010	GADAG DIPESH SURESH	AB	Gadag	Gadag	Gadag	Gadag	AB

Anshu
Head of the Department

F.Y.B.A. Bridge Course (Pre - Test) 2022 – 2023

Marks - 20

Q. 1 Choose the correct option. 5)

a) Replace the highlighted text with the appropriate idiom:

The video call on my birthday from my favorite film star was **a complete surprise.**

- a) Bolt from the blue
 - b) A damp squid
 - c) A mare's test
 - d) A field day
- b) I'm planning to ----- a holiday in June or July.
- a) go b) have c) do d) plan
- c) I ----- my shopping at the weekends.
- a) purchase b) do c) have d) make
- d) In the forest, you might see a grizzly
- a) Bear b) Bare c) Barer d) Bariest
 - e) If I -----harder, I would have passed the exam.
 - a) work b) worked c) works d) had worked

Q.2) Compose a story from the following lines. 8)

It had been the happiest day of his life...

Q. 3) Write a dialogue between two friends talking about the advantages and disadvantages of city life/ village life. 7)

F.Y.B.A. Bridge Course (Post - Test)

Communication Skills in English

Max Marks – 20

Time – 1 hr

Q.1 Choose the correct option.

1. He always talks secularism.

- (a) to
- (b) about
- (c) for
- (d) none of the above

2 . An announcement to celebrate Independence Day in the town.

- (a) is make
- (b) are being made
- (c) making
- (d) is being made

3. A satellite launched yesterday.

- (b) is
- (c) has
- (d) have

4. I a new job today.

- (a) was joining
- (b) am going to join
- (c) will be join

(d) none of these

5. Always avoid mistakes.

- (a) making

(b) to make

(c) doing

(d) to do

6. Why are you laughing the poor?

(a) on

(b) over

(c) upon

(d) at

Q. 2 Draft a mock interview of a sport personality of your choice. (7)

Q.3 Write a story beginning with the following lines. 'I took a deep breath and jumped . The water was cold.' (8)

Incremental growth among slow learners

Sr.No.	Roll No	Name	Pre-test marks	Post-test marks
1.	6	SAROJ KOMAL KAILAS	14	15
2.	18	KOMB ROHIT KRISHNA	13	17
3.	28	MORE SUJAL VIKAS	08	13
4.	32	AADE KAJAL MOHAN	6	10
5.	42	MORE MAITREYI KIRAN	11	12
6.	51	SINGH SWETA DINESH	12	12
7.	64	GAVADE PRIYANKA BALA	13	10
8.	82	PATIL SHRUTI SHIRISH	8	9
9.	94	VARATHA NIDHI RAJESH	6	7
10.	104	RAUT SANIYA CHANDRAKANT	7	9
11.	115	SHELAKA PRIYANKA CHANDU	11	16
12.	126	JANGID RASHMI RAJESH	12	11
13.	127	JANGID JULI RAJESH	12	12
14.	135	SHELAR PIYUSH RAVINDRA	7	10
15.	182	PARAB SIDDHI SUNIL	8	6
16.	186	SINGH MANISHA HARIVANSH	9	10
17.	190	KHANDELWAL KASHISH JAYANTILAL	10	11
18.	203	RAJAK ABHISHEK YOGENDRA	11	13
19.	208	SUMADA ASHWINI DEEPAK	10	12
20.	30005	DAWALA YOGITA P	10	11

Signature
Head of the Department

Pravali 01/09/22

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Jr. Supp. Signature with Date

Supplement No.

Candidate's Seat No.

Date: 01-09-22

Class: P.B.A

Subject: S.K

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks	03	05	03										11

Pretest

Q.1

a) The video call on my birthday from my favorite film star was a complete surprise. A field day.

b) I'm planning to go a holiday in June or July.

c) I do my shopping at the weekends.

d) In the forest, you might see gazizly.

~~o/v bear.~~

~~e) If I had worked harder, I would have passed the exam.~~

(03)

Q3. write a dialogue between two friends talking about the advantages and disadvantages of city life village life.

manish : Hello kiran, How are you?

kiran : I'm fine and how are you?

manish : I am ok but am worried in this exam.

kiran : If it is very common, you are serious about it, so you are worried.

manish : I am really afraid as I have no good preparation for English.

kiran : I think your English learning method is not so good you should learn some basic rules of English, if you want to do well in English.

manish : you are right.

kiran : It's ok, you will do better if you read English regularly.

manish : Thank you for your encourage ment.

kiran : No tall, be your preparation.

manish : I paid about attention to all the subjects so I am not worried about only particular subject.

kiran : Very well, I know that you do not waste your time.

manish : yes, it true that I read gratefully.

kiran : you are most welcome.

Q3

I jumped into the canal and swam towards the drowning boy. After a great struggle, I dragged him towards the bank. He was in a very bad state. When I observed his careful eye, I was surprised to see that he was an old man.

It was a day of great joy and happiness. Not only did I secure the second position, but also did a brave and noble act by saving a boy from the jaws of death. This day would go down as one of the happiest days of his life.

Page No. 115

**Sonopant Dandekar Arts College, V. S. Apte Commerce College &
M. H. Mehta Science College & R. H. Save Arts, Seth C. J. Bhanushali Com. &
B. A. Dandekar Science Jr. College Palghar, Dist. Palghar.**

Anand
12-09-22

115

Jr. Sup. Signature with Date

Supplement No.

Candidate's Seat No.

Date: _____ Class: _____ Subject: C5K

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks	05	05	06										16

Post Test

Q1 Choose the correct option.

- 1) He always talks about Secularism.
- 2) An announcement is being made to celebrate Independence Day in the town.
- 3) A Satellite has launched yesterday.
- 4) I am going to join a new job today.
- 5) Always avoid making mistakes.
- 6) Why are you laughing at the poor?

05

Q 2. Interviewer :- you follow a tough training schedule. what is it like?

Saina :- At present I have two sessions. The first is in the morning from 7 am to 12:30 pm. I come back home for lunch and some rest. My evening session is from 4 pm to 6:30 pm. It is quite hectic but satisfying.

Interviewer :- you have turned a number of runner up finishes into victories? How can one achieve this

Saina :- This is the outcome of my hard work under the watchful eyes of my coach, Mr pullela Gopin Chand.

Interviewer :- what is your winning mantra?

Saina :- It is hard work and God's grace on me. I believe there is an alternative to hard work. Not just in sports but in all parcels of life.

Interviewer :- How do you deal with setbacks? And what is your advice to young entrepreneurs about dealing with setbacks?

Saina :- Setbacks are a part of life, you cannot wish them away. I think you have to deal with them so that you can come back stronger.

Interviewer :- How do you keep your focus on your schedule?

Saina :- I have chosen to play badminton as a professional. It is what I wanted to do. Therefore, if I have to sustain and succeed in my chosen career I have to keep my focus. Acknowledging this fact helps me do that.

Interviewer :- How do you handle success and not let it get the better of you?

Saina :- I do not keep a count of how many titles I have bagged. I always try to win the encounter.

Interviewer :- A lot of sports persons have started entrepreneurial ventures like opening sports academy, restaurants and so on. Do you have any entrepreneurial ambitions?

Saina :- No. I just want to play my game. Later, I would like to motivate younger players.

Interviewer :- you have always spoken highly of your coach and mentor Mr. Gopichand. How important is the role of a mentor?

Saina :- it is very, very important. I was just an ordinary person, he made me the badminton player I am today.

when
write a short story beginning with the following
line: 'I took a deep breath and jumped. The water
was cold.'

'A Life Saved from Drowning'

the water was cold and I took a deep breath
and jumped to save a drowning child. What would
have happened with that child had I not jumped into
that lake to save him?

I remember that day clearly. It was a very
pleasant morning in the winter. I went for skating
in a famous lake in our city with my close friend.
We hired a boat and started pedaling when
we came in the middle of the lake, we saw a boat
like us where a family consisting of father, mother
and a young boy were enjoying. The boat
suddenly veered towards the bank. In the
crazy pursuit of taking selfies all the people in the
boat sat on one side and due to imbalance the
boat started turning down and the child fell
down into deep water. His parents somehow could
balance themselves.

It was really horrifying to see the child
drowning. Both of his parents could not swim and
they were screaming for help. As the life
guards were not present, I decided to save
that child. I took a deep breath and jumped
into the water. The water was cold. Since I
knew swimming, I could save the child on time.
I caught him from the shoulder and pulled him
out of the lake. The child was unconscious for
some time. He opened his eyes after giving him
first aid. His parents were relieved to see their

child was safe. They thanked me profusely and offered me gift in form of cash which I declined politely. The people who gathered on the shore of the lake also appreciated my courage. I felt very happy that I was able to save a life. It was a really memorable day in my life.

6

Department of Philosophy

29/08/2022

Notice Bridge Course FYBA Philosophy

We've learned that a few FYBA Philosophy students did not opt Philosophy in their 11th and 12th grade education. We are aware that this may hinder their academic development, so we have chosen to provide a Bridge Course to students in order to make sure they have a solid foundation in philosophy.

The Bridge Course is a pre-term course that introduces students to the fundamental ideas and principles of philosophy in order to help them understand the major topics in their degree programme. Any FYBA Philosophy student can enroll in this course. It is significant to highlight that it will lay a solid basis for your academic success in philosophy.

विद्यार्थ्यांसाठी सूचना

प्रथम वर्ष कला शाखेमध्ये प्रवेश घेतलेल्या ज्या विद्यार्थ्यांनी तत्त्वज्ञान विषय घेतला आहे त्यांना सूचित करण्यात येत आहे की, त्यांच्यासाठी ब्रिज कोर्सचे आयोजन करण्यात आले आहे. तत्त्वज्ञान विषयासंबंधी सर्वसामान्य जाणीव तपासून त्या अनुषंगाने त्यांना मार्गदर्शन या कोर्स अंतर्गत देण्यात येणार आहे; जेणेकरून तत्त्वज्ञान या विषयाचा अभ्यासक्रम त्यांना यशस्वीरीत्या पूर्ण करता येणे शक्य होईल. यासंदर्भात प्रा. अनघा पाध्ये व प्रा. रोहित गायकवाड, तत्त्वज्ञान विभाग यांच्याशी संपर्क साधावा.

धन्यवाद.

प्राचार्य

Time Table

Name of the Teacher – Asst. Prof. Anagha A. Padhye & Asst. Prof. Rohit Gaikwad

Day	Wednesday	Thursday	Friday	Saturday	Monday	Tuesday	Wednesday	Thursday
Date	14/09/22	15/09/22	16/09/22	17/09/22	19/09/22	20/09/22	21/09/22	22/09/22
Time	12:30 pm to 1:30 pm	12:30 pm to 1:30 pm	12:30 pm to 1:30 pm	12:30 pm to 1:30 pm	12:30 pm to 1:30 pm	12:30 pm to 1:30 pm	12:30 pm to 1:30 pm	12:30 pm to 1:30 pm

Bridge Course Syllabus

Sr. No.	Topic
1	Pre-Course Evaluation
2	An Introduction to Philosophy
3	Indian Philosophical Schools and basic concepts in it.
4	Western Philosophy and basic concepts in it.
5	Post - Test
6	Pre-Course Evaluation

Teaching Plan

14 th Sept 22	Pre test
15 th ,16 th Sept 22	An Introduction to Philosophy: Origin, branches of Philosophy like epistemology, metaphysics, moral philosophy, logic, etc. Scope of Philosophy.
17 th , 19 th Sept 22	Indian Philosophical Schools and basic concepts in it: Six schools of Philosophy: orthodox & heterodox. Basic concepts like aatma, brahman, Jnyana, praman, prama, karma, moksha, purushartha, etc.
20 th , 21 st Sept 22	Western Philosophy and basic concepts in it: Ancient, medieval, modern & contemporary western philosophy. Basic concepts like nature of reality, love for wisdom, rationality, existence, empiricism and so on.
22 nd Sept 22	Post-test

**Bridge Course Day Wise
Daily Attendance Sheet**

**Sonopant Dandekar Arts , V.S.Apte Commerce And M.H.Mehta Science
College,Palghar,Dist Palghar**

Bridge Course Department of Philosophy

Attendance Sheet 2022-23

Time: 12.30-1.30

Sr. No	Roll No	Student Name	14 th Sept	15 th Sept	16 th Sept	17 th Sept	19 th Sept	20 th Sept	21 st Sept	22 nd Sept
1	2	SANJANE YOGITA VINOD								
2	91	KINI TANVI KESARINATH								
3	94	VARTHA NIDHI RAJESH								
4	110	DHANDHARE SNEHA PURUSHOTTAM								
5	120	VAZE SAKSHI RAJENDRA								
6	125	DARGE AKSHAYA SURESH								
7	168	MAHAMANT JASMINE PAPPU								
8	182	PARAB SIDDHI SUNIL								
9	183	SHINDE RIDDHESH PRADIP								
10	221	PARHAD RUPALI VILAS								
11	244	VAZE SAMIKSHA VIKAS								
12	258	PANDEY SMRITI RAJESH								

Signature
Head of the Department
Department of Philosophy

Bridge Course Day Wise

Daily Attendance Sheet


Sonopant Dandekar Arts , V.S.Apte Commerce And M.H.Mehta Science
College, Palghar, Dist Palghar

Bridge Course Department of Philosophy

Attendance Sheet 2022-23

Time: 12.30-1.30

Sr. No	Roll No	Student Name	14 th Sept	15 th Sept	16 th Sept	17 th Sept	19 th Sept	20 th Sept	21 st Sept	22 nd Sept
1	2	SANJANE YOGITA VINOD	Y.V.Sajan	Y.V.Sajan	Y.V.Sajan	A	Y.V.Sajan	Y.V.Sajan	Y.V.Sajan	Y.V.Sajan
2	91	KINI TANVI KESARINATH	Rini	Rini	Rini	Rini	A	Rini	Rini	Rini
3	94	VARTHA NIDHI RAJESH	N.R.Varth	N.R.Varth	N.R.Varth	N.R.Varth	A	N.R.Varth	N.R.Varth	N.R.Varth
4	110	DHANDHARE SNEHA PURUSHOTTAM	Sneha	Sneha	Sneha	Sneha	A	Sneha	Sneha	Sneha
5	120	VAZE SAKSHI RAJENDRA	Sakshi	Sakshi	Sakshi	A	Sakshi	Sakshi	Sakshi	Sakshi
6	125	DARGE AKSHAYA SURESH	Akshaya	Akshaya	A	Akshaya	Akshaya	Akshaya	Akshaya	Akshaya
7	168	MAHAMANT JASMINE PAPPU	Jasmine	Jasmine	Jasmine	Jasmine	Jasmine	Jasmine	Jasmine	Jasmine
8	182	PARAB SIDDHI SUNIL	Aarav	Aarav	Aarav	A	Aarav	Aarav	Aarav	Aarav
9	183	SHINDE RIDDHESH PRADIP	Riddhesh	Riddhesh	Riddhesh	Riddhesh	Riddhesh	A	Riddhesh	Riddhesh
10	221	PARHAD RUPALI VILAS	Rupali	Rupali	Rupali	Rupali	A	Rupali	Rupali	Rupali
11	244	VAZE SAMIKSHA VIKAS	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha	Samiksha	A	Samiksha
12	258	PANDEY SMRITI RAJESH	Smriti	Smriti	Smriti	Smriti	Smriti	Smriti	Smriti	Smriti


 Dr. Keran Jaydeo Sare
 Head, Dept of philo.

4) The concept of purusharth means

पुरुषार्थ या संकल्पनेचा अर्थ

a) Masculinity

पुरुषत्व

b) Courage/Valore

साहस/शौर्य

c) What is sought to be

जे मिळविण्यायोग्य आहे ते

5) dharma prescribes duties related to the stages of life.

a) Sadharana

b) Varna

c) Ashrama

.....
.....
.....
.....
.....
.....

6)is called as father of western philosophy.

..... ला पाश्चात्य तत्त्वज्ञानाचे जनक म्हटले जाते.

a) Socrates

सॉक्रेटिस

b) Plato

प्लेटो

c) Aristotle

अॅरिस्टॉटल

7) How many levels of knowledge did Plato mention?

a) One

b) Two

c) Three

प्लेटो ने ज्ञानाच्या किती पातळ्या सांगितल्या आहेत ?

एक

दोन

तीन

8) Maharshi Gautam is associated with which Indian school of philosophy?

महर्षी गौतम हे कोणत्या भारतीय तत्वज्ञानातील कोणत्या दर्शनाशी संबंधित आहेत?

a) Samkhya

सांख्य

b) Yog

योग

c) Nyaya

न्याय

9) Who propounded yoga philosophy?

योग तत्वज्ञान कोणी मांडले?

(a) Patanjali

पतंजली

(b) Akshapada

अक्षपद

(c) Kapil

कपिल

10) What is the important problem of philosophy? तत्वज्ञानाची महत्वाची समस्या कोणती आहे ?

Change

परिवर्तन

Immutability

अपरिवर्तन

Behavior

वर्तन

God

ईश्वर

16

Sonopant Dandekar Arts College, V. S. Apte Commerce College &
M. H. Mehta Science College & R. H. Save Arts, Seth C. J. Bhanushali Com. &
B. A. Dandekar Science Jr. College Palghar, Dist. Palghar.

[Signature Box]

[Supplement No. Box]

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Jr. Sup. Signature with Date

Supplement No.

Candidate's Seat No.

Date: 14-9-22

Class: 12th

Subject: History

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks													

1) 1) तत्त्वज्ञान हा शब्द कोणत्या भाषेतून आला आहे
→ ग्रीक

2) तत्त्वज्ञान म्हणजे
→ रासायनशास्त्राचे प्रश्न

3) ही दशने वेदांचा अधिकार स्वीकारत. म्हणून
याला वैदिक दशने असे म्हटले जाते.
→ वैदिक

4) पुरुषार्थ या संकल्पनेचा अर्थ
→ साहस, बौर्य

5) हकी जिवनाच्या दृष्ट्याही संबंधित कार्या
ठरताने.
→ आक्रम

6) हा पाश्चात्य तत्त्वज्ञानाचे जसका म्हटले जाते.
→ सॉक्रेटिस

7) होले जे जिवनाच्या किती पातक्या व्यंगितल्या आहेत
→ तीन

8) महर्षि गौतम हे कोणत्या भारतीय तत्त्वज्ञान
कोणत्या दर्शनाशी संबंधित आहेत
→ न्याय

9) योग तत्त्वज्ञान कोणी सांडले ?
→ पतंजली

10) तत्त्वज्ञानाची महत्वाची समस्या कोणती आहे
→ वर्तन

Pre test attendance

Sr. No.	Roll No	Name of the Student	sign
1	2	SANJANE YOGITA VINOD	
2	91	KINI TANVI KESARINATH	
3	94	VARTHA NIDHI RAJESH	
4	110	DHANDHARE SNEHA PURUSHOTTAM	
5	120	VAZE SAKSHI RAJENDRA	
6	125	DARGE AKSHAYA SURESH	
7	168	MAHAMANT JASMINE PAPPU	
8	182	PARAB SIDDHI SUNIL	
9	183	SHINDE RIDDHESH PRADIP	
10	221	PARHAD RUPALI VILAS	
11	244	VAZE SAMIKSHA VIKAS	
12	258	PANDEY SMRITI RAJESH	

Bridge Course

(Pre-Test) Attendance Sheet 2022-23

Subject:

Date:

Class: FYBA

Time:

Name Of The Teacher:

Sr. No.	Roll No	Name of the Student	Signature
1	2	SANJANE YOGITA VINOD	Y. Vsajane
2	91	KINI TANVI KESARINATH	Kini
3	94	VARTHA NIDHI RAJESH	N.R. Varadha
4	110	DHANDHARE SNEHA PURUSHOTTAM	sneha
5	120	VAZE SAKSHI RAJENDRA	Sakshi
6	125	DARGE AKSHAYA SURESH	Akshaya
7	168	MAHAMANT JASMINE PAPPU	Jasmine
8	182	PARAB SIDDHI SUNIL	Siddhi
9	183	SHINDE RIDDHESH PRADIP	Riddhesh
10	221	PARHAD RUPALI VILAS	Rupali Parhad
11	244	VAZE SAMIKSHA VIKAS	Samiksha
12	258	PANDEY SMRITI RAJESH	Smriti

Kiran

Dr. Kiran Jaydeo Sare
Head of the Dept
Dept of philosophy

F.Y.B.A Bridge Course (Post-Test) 2022-23

Date: 22nd Sept 22

Time: 12.30-1.30

Max Marks - 20

Q Fill in the blanks with appropriate option.

रिकांम्या जागा योग्य पर्यायासह भरा.

1) Who is the father of philosophy? तत्वज्ञानाचा जनक कोण आहे

Socrates

सोक्रेटीस

Pythagoras

पायथागोरस

Thales

थेलीस

Anneximander

ऐनेक्झीमेंडर

2) Questions like “What is knowledge?” and “What is truth?” are related to the branch of philosophy known as _ "ज्ञान म्हणजे काय?", "सत्य म्हणजे काय?" यासारखे प्रश्न तत्वज्ञानाच्या ज्या शाखेशी निगडीत आहेत, तीम्हणून ओळखली जाते.

(a) logic

तर्कशास्त्र

(b) metaphysics

सत्ताशास्त्र

(c) epistemology

ज्ञानशास्त्र

3) The republic is the famous work of __? रिपब्लिक हे __ यांचे प्रसिद्ध कार्य आहे.

(a) Plato

प्लेटो

(b) Socrates

सॉक्रेटिस

(a) Anximander
अॅनॅकिझमॅंडर

4) Who was concerned about public speaking, rather than thinking well?
नीट विचार करण्यापेक्षा सार्वजनिक बोलण्याची काळजी कोणाला होती?

(a) Materialists
जडवादी

(b) Idealists
चिद्धादी

(c) Sophists
सोफिस्ट

5) Idealism is a systematic philosophy that teaches the supremacy of ..__?
चिद्धाद हे एक पद्धतशीर तत्वज्ञान आहे जेची सर्वोच्चता शिकवते

(a) spirit over matter
जडपदार्थावर आत्मतत्त्व

(b) noumena
सद्वस्तु

(c) god
ईश्वर

6) Foundation of Carvaka School is laid by
चार्वाक दर्शनाचा पाया ने घातला.

(a) Brihaspati
बृहस्पति

(b) Kanad
कणाद

(c) Kapila
कपिल

7) Who was the founder of Vishishtadwaita Siddhant?
विशिष्टाद्वैत सिद्धांताचे संस्थापक कोण होते?

(a) Shankaracharya
शंकराचार्य

(b) Vallabhacharya
वल्लभाचार्य

(c) Ramanujacharya

रामानुजाचार्य

8) Vaisesika school of Indian Philosophy founded by
भारतीय तत्त्वज्ञानातील वैशेषिक दर्शनाची स्थापना यांनी केली.

(a) Kanada

कणाद

(b) Kapila

कपिल

(c) Gautama

गौतम

9) Control on breathing technique is known as

श्वसन तंत्रावर नियंत्रण म्हणून ओळखले जाते.

(a) dharana

धारणा

(b) pratyahara

प्रत्याहार

(c) pranayama

प्राणायाम

10) The study of reality in the broadest sense, an inquiry into the elemental nature of the universe and the things in it, is known as _____.

सत्तेचा व्यापक अर्थाने अभ्यास, विश्वाच्या मूलभूत स्वरूपाची आणि त्यातील गोष्टींचा तपास _____ म्हणून ओळखले जाते.

(b) metaphysics

सत्ताशास्त्र

(c) epistemology

ज्ञानशास्त्र

(d) axiology

मुल्यशास्त्र

[Signature Box]

[Supplement No. Box]

[Candidate's Seat No. Box]
 120

Jr. Sup. Signature with Date

Supplement No.

Candidate's Seat No.

Date :

Class :

Subject :

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks													

- प्र. 9
- 1) तत्वज्ञानाचा जनक कोण आहे? सो प्रोटीस
 - 2) "ज्ञान म्हणजे काय?" "सत्य म्हणजे काय?" यासारखे प्रश्न तत्वज्ञानाच्या ज्या शाखेशी निगडित आहेत, ती म्हणजे अस्तित्वाची ज्ञान.
 - 3) शिप्टिक हे घांचे प्रसिद्ध कार्य आहे. प्लेटो
 - 4) नटि विचार करण्यापेक्षा सार्वजनिक वेळग्याची काळजी वाळाला होती. शोकिस्ट
 - 5) चिन्ना हे एक पद्धतशीर तत्वज्ञान आहे जे जी सर्वोच्च शिवावे उपपदाचावर आत्मत्व
 - 6) चार्वाक दृष्टी दृष्टीनाचा पाया जे घातला बृहस्पति
 - 7) विशिष्टा वृत्त सिद्धांताचे संस्थापक कोण होते? शमाकुजाचार्य

Save
 hilo

8) भारतीय तंत्रज्ञानातील वेगळी वैशिष्ट्ये वर्णनाची
स्थापना यांनी केली.

→ कणाद

9) अक्षत तंत्रावर नियंत्रण कल्पन ओळखले जाते

→ प्राणाधार

10) सत्तेचा स्वरूपाची अर्थाने अक्षय्य, विश्रुत्या संलक्षित
ओळखले जाते.

→ सुव्यशास्त्र

Post test attendance

Sr. No.	Roll No	Name of the Student	sign
1	2	SANJANE YOGITA VINOD	
2	91	KINI TANVI KESARINATH	
3	94	VARTHA NIDHI RAJESH	
4	110	DHANDHARE SNEHA PURUSHOTTAM	
5	120	VAZE SAKSHI RAJENDRA	
6	125	DARGE AKSHAYA SURESH	
7	168	MAHAMANT JASMINE PAPPU	
8	182	PARAB SIDDHI SUNIL	
9	183	SHINDE RIDDHESH PRADIP	
10	221	PARHAD RUPALI VILAS	
11	244	VAZE SAMIKSHA VIKAS	
12	258	PANDEY SMRITI RAJESH	

Bridge Course

(Post-Test) Attendance Sheet 2022-23

Subject:

Date:

Class: FYBA

Time:

Name Of The Teacher:

Sr. No.	Roll No	Name of the Student	Signature
1	2	SANJANE YOGITA VINOD	V.V. Sajane
2	91	KINI TANVI KESARINATH	Kini
3	94	VARTHA NIDHI RAJESH	N. R. Varoath
4	110	DHANDHARE SNEHA PURUSHOTTAM	Sneha
5	120	VAZE SAKSHI RAJENDRA	Sakshi
6	125	DARGE AKSHAYA SURESH	Akshaya
7	168	MAHAMANT JASMINE PAPPU	Jasmine
8	182	PARAB SIDDHI SUNIL	Siddhi
9	183	SHINDE RIDDHESH PRADIP	Riddesh
10	221	PARHAD RUPALI VILAS	Rupali Parhad
11	244	VAZE SAMIKSHA VIKAS	Samiksha
12	258	PANDEY SMRITI RAJESH	Smriti

Incremental growth among slow learners

Sr. No.	Roll No	Name of the Student	Pre Test Marks	Post Test Marks
1	2	SANJANE YOGITA VINOD	8	16
2	91	KINI TANVI KESARINATH	12	12
3	94	VARTHA NIDHI RAJESH	14	18
4	110	DHANDHARE SNEHA PURUSHOTTAM	8	14
5	120	VAZE SAKSHI RAJENDRA	8	18
6	125	DARGE AKSHAYA SURESH	14	16
7	168	MAHAMANT JASMINE PAPPU	10	16
8	182	PARAB SIDDHI SUNIL	12	10
9	183	SHINDE RIDDHESH PRADIP	10	16
10	221	PARHAD RUPALI VILAS	14	16
11	244	VAZE SAMIKSHA VIKAS	10	10
12	258	PANDEY SMRITI RAJESH	10	14

Signature
Head of the Department
Department of Management Studies

Geo Tag Photos of Bridge Courses



Palghar, Maharashtra, India

dandekar college, PQ66+R2X, Mission Compound,
Banjar para, Boisar, Palghar, Maharashtra 401404, India

Lat 19.711967°

Long 72.759911°

22/09/22 01:02 PM GMT +05:30

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GPS Map Camera

Department of Political science

सोनोपंत दांडेकर कला, वा. श्री. आपटे वाणिज्य आणि एम. एच. मेहता
विज्ञान महाविद्यालय, पालघर
राज्यशास्त्र विभाग

महत्त्वाची सूचना

सर्व विद्यार्थ्यांना सूचित करण्यात येते कि प्रथम वर्षात राज्यशास्त्र हा विषय घेतलेल्या कला शाखेतील विद्यार्थ्यांसाठी राज्यशास्त्र विभागातर्फे दरवर्षी प्रमाणेच ब्रिज कोर्स आयोजित करण्यात आलेला आहे. या कोर्ससाठी सर्व विद्यार्थ्यांची उपस्थिती अनिवार्य आहे. हा कोर्स १८ ऑगस्ट, २०२२ पासून २५ ऑगस्ट, २०२२ पर्यंत घेण्यात येईल. या कोर्सची वेळ आपले रेग्युलर लेक्चर्स झाल्यानंतर दुपारी १.०० ते २.०० वा. यादरम्यान असेल. पहिल्या दिवशी व शेवटच्या दिवशी विद्यार्थ्यांची विषयाभिमुख परीक्षा घेतली जाईल.

या कोर्सची उद्दिष्ट्ये पुढीलप्रमाणे आहेत:

१. विद्यार्थ्यांना राज्यशास्त्र विषयाची ओळख करून देणे.
२. राज्यशास्त्रामधील विविध मुलभूत संकल्पना समजून सांगणे.
३. स्पर्धा परीक्षांसाठी राज्यशास्त्र हा विषय इतर विषयांप्रमाणेच महत्त्वाचा असल्याने त्याची ओळख विद्यार्थ्यांना करून देणे.
४. राज्यशास्त्र विषयातील विविध करिअरच्या संधी जाणून घेणे.

या कोर्सचे समन्वयक प्रा. तानाजी पोळ असून कोर्ससंबंधित माहितीसाठी विद्यार्थ्यांनी त्यांच्याशी संपर्क साधावा.

प्रा. तानाजी पोळ
ब्रिज कोर्स समन्वयक
राज्यशास्त्र विभाग

**Sonopant Dandekar Arts, V. S. Apte Commerce and M. H. Mehta Science College, Palghar
Department of Politics**

IMPORTANT NOTICE

All the students are hereby informed that the Department of Politics has organized a Bridge Course as every year for the students of Arts who have taken Politics as a subject in their first year. Attendance of all FYBA- Politics students will be mandatory for this course. This course will be conducted from 18th August, 2022 to 25th August, 2022. The timing of this course will be between 1.00 pm to 2.00 pm after your regular lectures. Subject oriented examination of students will be conducted on the first and the last day of the course.

The objectives of this course are as follows:

1. To introduce the subject of Politics to students.
2. To understand the fundamental concepts in Politics.
3. To introduce the students the Politics subject since it is important as any other subject in competitive exams
4. To get to know various Career Opportunities in Politics.

For the further information regarding this course, the students should contact the Course Coordinator Prof. Tanaji Pol.

Prof. Tanaji Pol
Bridge Course Coordinator
Department of Politics

Department of Politics

Brief Introduction of Politics - Bridge Course Syllabus

Sr. No.	Topic
1	राज्यशास्त्राचा अर्थ स्वरूप आणि व्याप्ती / Meaning, of Political Science
2	राजकीय सिद्धांत / Political Theory
3	आंतरराष्ट्रीय संबंध / International Relations
4	भारतीय राजकीय व्यवस्था आणि प्रक्रिया / Indian Political System and Process
5	लोकप्रशासन / Public Administration
6	राजकीय विचारसरणी / Political Ideologies
7	भारताचे परराष्ट्र धोरण / Foreign Policy of India

Department of Politics

Teaching Plan

Day	Topics	Name of the Faculty
Thursday	राज्यशास्त्राचा अर्थ स्वरूप आणि व्याप्ती / Meaning, of Political Science	Dr. Tanaji Pol
Friday	राजकीय सिद्धांत / Political Theory राजकीय विचारसरणी / Political Ideologies	Asst. Prof. Rutuja Raut
Saturday	आंतरराष्ट्रीय संबंध / International Relations	Asst. Prof. Rutuja Raut
Monday	भारतीय राजकीय व्यवस्था आणि प्रक्रिया / Indian Political System and Process	Asst. Prof. Madhura Raut
Tuesday	लोकप्रशासन / Public Administration,	Dr. Tanaji Pol
Wednesday	भारताचे परराष्ट्र धोरण / Foreign Policy of India,	Asst. Prof. Madhura Raut

Bridge Course Day Wise Daily Attendance Sheet

Subject – Politics

Date – 9th August, 2016 to 17th August, 2016

Class – F.Y.B. A

Time - 1.00 pm to 2.00 pm

Name of the Teacher - Asso. Prof. Tanaji Pol

Sr. No.	Name of Student and Roll No	Pre-Test Date & Signature	Date & Signature	Date & Signature	Date & Signature	Date & Signature	Date & Signature	Post Test Date & Signature
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- | | | | | | | | | |
|---|-----------------------------------|--|--|--|--|--|--|--|
| 1 | Jyoti Pappu Varma (202) | | | | | | | |
| 2 | Poonam Somnath Sawale (208) | | | | | | | |
| 3 | Nikhil Ramchandra Somvanshi (211) | | | | | | | |
| 4 | Prashant Sunil Bhavar (214) | | | | | | | |
| 5 | Komal Damu Chavan (216) | | | | | | | |

- 6 Avantika Tanaji Lohar (217)
- 7 Ashwini Dipak Sumada (218)
- 8 Pramod Gondya Bhoir (219)
- 9 Divya Pradeep Chaudhari (229)
- 10 Akanksha Rohidas Kini (231)
- 11 Kumkum Prakash Solanki (232)
- 12 Mahima Mahendra Vishwakarma
(235)
- 13 Samiksha Vikas Vaze (244)
- 14 Yash Krushna Bhosale (245)
- 15 Sanjana Vinod Gupta (254)
- 16 Pooja Arun Gupta (256)
- 17 Rohit Tapan Mandal (257)

Signature
Head of the Department
Department of Politics

**Sonopant Dandekar Arts, V. S. Apte Commerce and M. H. Mehta
Science College, Palghar.**

Department of Politics

F.Y.B.A Bridge Course (Pre - Test) 2022 – 2023

खालील सर्व प्रश्नांची उत्तरे द्या. Answer the following questions

20
गुण

- 1 □□□□□□ □□□□□□□□□□ □□□□□□□□ □□□□? Who has completed the process of annexation of princely states?
- 2 भारत हा देश _____ रोजी स्वतंत्र झाला. India achieved independence on _____.
- 3 शिका, संघटित व्हा आणि संघर्ष करा हा संदेश कोणी दिला? Who gave the message of “learn, organize and agitate”?
- 4 राज्याचा प्रथम नागरिक म्हणून कोणाला संबोधले जाते? Who is the first citizen of State?
- 5 दक्षिण आशियायी राष्ट्रे सांगा. State the names of South Asian Nations.
- 6 सध्या भारताचे राष्ट्रपती कोण आहेत? Who is current President of India?
- 7 _____ नुसार, राज्य हे शोषणाचे साधन आहे. According to _____, the state is an instrument of exploitation.
- 8 भारतातील समाज सुधारकांची नावे सांगा. State the names of social reformers in India.
- 9 □□□□□□ □□□□□□□□ □□□□□□ □□□□□□ □□□□ □□□□ □□□□? When did Indira Gandhi declare emergency?

- 10 □□□□□ जनता □□□□□□ □□□□□□ □□□□ □□□□ □□□? What is the electoral symbol of Bhartiya Janata Party?

**Sonopant Dandekar Arts, V. S. Apte Commerce and M. H. Mehta
Science College, Palghar.**

Department of Politics

F.Y.B.A Bridge Course (Post - Test) 2022 – 2023

खालील सर्व प्रश्नांची उत्तरे द्या. Answer the following questions.

20 गुण

- 1 भारतातील विविध पक्षांची चर्चा करा. Discuss various political parties in India.
- 2 भारत पाकिस्तान संबंधातील प्रमुख संघर्ष अधोरेखित करा. Highlight the major conflicts in Indo-Pakistan relations.
- 3 वास्तववादी विचारसरणीचा पुरस्कार करणारे दोन विचारवंत सांगा. State the two thinkers who advocate realist ideology.
- 4 माहितीचा अधिकार अधिनियम कधी संमत करण्यात आला? When did Right to Information Act is adopted?
- 5 भारतातील प्रमुख सनदी सेवा सांगा. State the major civil services in India.
- 6 भारतीय सरनाम्याची थोडक्यात चर्चा करा. Discuss briefly the preamble of Indian Constitution.
- 7 आशियातील प्रमुख देश सांगा. Mention the important countries in Asia.

- 8 तुम्हाला माहिती असलेल्या राजकीय विचारवंतांची नावे सांगा. Write down the names of the political thinkers known by you.
- 9 महात्मा गांधींच्या अहिंसक प्रतिकाराचे प्रमुख मार्ग सांगा. State the various ways of nonviolence given by Mahatma Gandhi.
- 10 भारतातील संघराज्य व्यवस्थेची प्रमुख वैशिष्ट्ये स्पष्ट करा. Explain the significant features of Indian Federal System.

**Sonopant Dandekar Arts, V. S. Apte Commerce and M. H. Mehta
Science College, Palghar.**

**Department of Politics
Incremental growth among slow learners**

Sr. No.	Name of the Student	Roll No	Pre Test Marks	Post Test Marks
1	Jyoti Pappu Varma	202	10	18
2	Poonam Somnath Sawale	208	09	11
3	Nikhil Ramchandra Somvanshi	211	12	17
4	Prashant Sunil Bhavar	214	11	14
5	Komal Damu Chavan	216	08	16
6	Avantika Tanaji Lohar	217	13	15
7	Ashwini Dipak Sumada	218	08	17
8	Pramod Gondya Bhoir	219	13	15
9	Divya Pradeep Chaudhari	229	13	18
10	Akanksha Rohidas Kini	231	10	16
11	Kumkum Prakash Solanki	232	13	17
12	Mahima Mahendra Vishwakarma	235	08	14
13	Samiksha Vikas Vaze	244	09	18
14	Yash Krushna Bhosale	245	14	17
15	Sanjana Vinod Gupta	254	10	16

16	Pooja Arun Gupta	256	11	16
17	Rohit Tapan Mandal	257	10	18

Signature
Head of the Department
Department of Politics

Sonopant Dandekar Arts, V. S. Apte Commerce and M. H. Mehta
Science College, Palghar.

Department of Politics

F.Y.B.A Bridge Course (Pre - Test) 2022 - 2023

Roll No : - 244

09
20

	खालील सर्व प्रश्नांची उत्तरे द्या. Answer the following questions	20 गुण
0	1 भारतात संस्थानांचे विलीनीकरण कोणी केले? Who has completed the process of annexation of princely states?	
02	2 भारत हा देश <u>9 ऑगस्ट</u> रोजी स्वतंत्र झाला. India achieved independence on <u>9/8/50</u>	
02	3 शिका, संघटित व्हा आणि संघर्ष करा हा संदेश कोणी दिला? Who gave the message of "learn, organize and agitate"? डॉ. बाबासाहेब आंबेडकर	
0	4 राज्याचा प्रथम नागरिक म्हणून कोणाला संबोधले जाते? Who is the first citizen of State? राष्ट्रपती	
0	5 दक्षिण आशियायी राष्ट्रे सांगा. State the names of South Asian Nations.	
02	6 सध्या भारताचे राष्ट्रपती कोण आहेत? Who is current President of India? द्रौपदी मुर्मू	

7	_____ नुसार, राज्य हे शोषणाचे साधन आहे. According to _____, the state is an instrument of exploitation.	
0	✓	
8	भारतातील समाज सुधारकांची नावे सांगा. State the names of social reformers in India. वाडगेबाबा, महात्मा फुले, सावित्री फुले.	
0	✓	
9	इंदिरा गांधींनी आणीबाणी कोणत्या वर्षी घोषित केली? When did Indira Gandhi declare emergency? 1973 रोजी आणीबाणी घोषित केली.	
0	✓	
10	भारतीय जनता पक्षाचे निवडणूक चिन्ह कोणते आहे? What is the electoral symbol of Bhartiya Janata Party? चक्राकार हात आहे.	
0	✓	

Sonopant Dandekar Arts, V. S. Apte Commerce and M. H. Mehta
Science College, Palghar.

Department of Politics

F.Y.B.A Bridge Course (Post - Test) 2022 - 2023

Roll No :- 244

18
20

	खालील सर्व प्रश्नांची उत्तरे द्या. Answer the following questions.	20 गुण
1	भारतातील विविध राजकीय पक्षांची नावे सांगा. State the names of various political parties in India. 02 भारतीय जनता पार्टी, काँग्रेस, राष्ट्रवादी, शिवसेना,	
2	भारत पाकिस्तान संबंधातील प्रमुख संघर्ष अधोरेखित करा. Highlight the major conflicts in Indo-Pakistan relations. 02 1971 (भारत पाकिस्तान) संघर्ष, बांगलादेश निर्माण 1999 कारगील संघर्ष, 1965 कश्मिर संघर्ष.	
3	वास्तववादी विचारसरणीचा पुरस्कार करणारे दोन विचारवंत सांगा. State the two thinkers who advocate realist ideology. 02 हॅन्स माजॉज्या	
4	माहितीचा अधिकार अधिनियम कधी संमत करण्यात आला? When did Right to Information Act is adopted? 02 2005	
5	भारतातील प्रमुख सनदी सेवा सांगा. State the major civil services in India. 02 IAS, IPS, IFR, IRS.	

6	<p>भारतीय सरनाम्याची थोडक्यात चर्चा करा. Discuss briefly the preamble of Indian Constitution.</p> <p>02 न्यायदानाचे प्रदान, अद्योत्थान करणे, ज्येष्ठतेने लोकांसाठी गणराज्य धर्मनिरपेक्ष, स्वतंत्र व शान्त, वंशुता</p>	
7	<p>आशियातील प्रमुख देश सांगा. Mention the important countries in Asia.</p> <p>02 भारत, पाकिस्तान, बांगलादेश, व्हिएतनाम, नेपाळ, भुतान, श्रीलंका</p>	
8	<p>तुम्हाला माहिती असलेल्या राजकीय विचारवंतांची नावे सांगा. Write down the names of the political thinkers known by you.</p> <p>02 कान्हा, कान्हा</p>	
9	<p>महात्मा गांधींच्या अहिंसक प्रतिकाराचे प्रमुख मार्ग सांगा. State the various ways of nonviolence given by Mahatma Gandhi.</p> <p>02 अत्याग्रह, सविनय कायदेभंग, चोरीचोरपणा, सत्यकार, जळवण</p>	
10	<p>भारतातील संघराज्य व्यवस्थेची प्रमुख वैशिष्ट्ये स्पष्ट करा. Explain the significant features of Indian Federal System.</p> <p>2</p>	

**Bridge Course Day Wise
Daily Attendance Sheet**


Subject – Politics
Class – F.Y.B. A

Date – 9th August, 2016 to 17th August, 2016
Time - 1.00 pm to 2.00 pm

Name of the Teacher - Asso. Prof. Tanaji Pol

Sr. No.	Name of Student and Roll No	Pre-Test Date & Signature	Date & Signature	Date & Signature	Date & Signature	Date & Signature	Date & Signature	Post Test Date & Signature
		18-08-2022	19/08/2022	20/08/2022	22/08/2022	23/08/2022	24/08/2022	25/08/2022
1	Jyoti Pappu Varma (202)	Jyoti Sawale	Jyoti AB	Jyoti Sawale	Jyoti Sawale	Jyoti Sawale	Jyoti Sawale	Jyoti Sawale
2	Poonam Somnath Sawale (208)	Poonam	Poonam	Poonam	Poonam	Poonam	Poonam	Poonam
3	Nikhil Ramchandra Somvanshi (211)	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil
4	Prashant Sunil Bhavar (214)	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant
5	Komal Damu Chavan (216)	Komal	Komal	Komal	Komal	Komal	Komal	Komal
6	Avantika Tanaji Lohar (217)	Avantika	Avantika	Avantika	AB	Avantika	Avantika	Avantika
7	Ashwini Dipak Sumada (218)	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini
8	Pramod Gondya Bhoir (219)	Pramod	Pramod	Pramod	Pramod	Pramod	Pramod	Pramod
9	Divya Pradeep Chaudhari (229)	Chaudhari	Chaudhari	Chaudhari	Chaudhari	AB	Chaudhari	Chaudhari

10	Akanksha Rohidas Kini (231)	A.R.kini	A.R.kini	A.R.kini	AR.kini	A.R.kini	A.R.kini	A.R.kini
11	Kumkum Prakash Solanki (232)	Solanki	Solanki	Solanki	Solanki	Solanki	Solanki	Solanki
12	Mahima Mahendra Vishwakarma (235)	Mahima	Mahima	AB	Mahima	Mahima	Mahima	Mahima
13	Samiksha Vikas Vaze (244)	Svaze	Svaze	Svaze	Svaze	Svaze	Svaze	Svaze
14	Yash Krushna Bhosale (245)	Y.K.Bhosale	Y.K.Bhosale	Y.K.Bhosale	AB	Y.K.Bhosale	Y.K.Bhosale	Y.K.Bhosale
15	Sanjana Vinod Gupta (254)	S.V.gupta	S.V.gupta	S.V.gupta	S.V.gupta	S.V.gupta	S.V.gupta	S.V.gupta
16	Pooja Arun Gupta (256)	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
17	Rohit Tapan Mandal (257)	R.T.Mandal	R.T.Mandal	R.T.Mandal	R.T.Mandal	R.T.Mandal	R.T.Mandal	R.T.Mandal


Signature

Head of the Department
Department of Politics

Geo Tag Photos of Bridge Courses



Signature
Coordinator

Signature
Head,
Department of Politics

2-8-22

Notice Bridge Course TYBA Logic

We've learned that a few TYBA Philosophy students did not opt Logic in their 11th and 12th grade education. We are aware that this may hinder their academic development, so we have chosen to provide a Bridge Course in Logic to TYBA Philosophy students in order to make sure they have a good foundation in Logic so that they can get good marks in TY and cope with entrance exams for various courses after graduation.

The Bridge Course is a pre-term course that introduces students to the fundamental ideas and principles of Logic in order to help them understand the major topics in their degree program. Any TYBA Philosophy student can enroll in this course. Contact Dept of Philosophy for further details.

विद्यार्थ्यांसाठी सूचना

TYBA तत्त्वज्ञानाच्या विद्यार्थ्यांनी त्यांच्या 11वी आणि 12वी अभ्यासक्रमात तर्कशास्त्र या विषयाची निवड केली नाही. यामुळे त्यांच्या शैक्षणिक विकासात अडथळा येऊ शकतो, म्हणून आम्ही TYBA तत्त्वज्ञानाच्या विद्यार्थ्यांसाठी तर्कशास्त्राचा ब्रिज कोर्स देत आहोत. जेणेकरून तुम्हाला तर्कशास्त्राचा चांगला पाया मिळेल व TYBA च्या परीक्षेत चांगले गुण मिळविता येतील. तसेच पदवी परीक्षेनंतर विविध अभ्यासक्रमांसाठीच्या प्रवेश परीक्षांसाठीही त्याचा उपयोग होईल.

ब्रिज कोर्स हा एक प्री-टर्म कोर्स आहे जो विद्यार्थ्यांना त्यांच्या पदवी कार्यक्रमातील प्रमुख विषय समजण्यास मदत करण्यासाठी तर्कशास्त्राच्या मूलभूत कल्पना आणि तत्त्वांचा परिचय करून देतो. कोणताही TYBA तत्त्वज्ञानाचा विद्यार्थी या अभ्यासक्रमात प्रवेश घेऊ शकतो. अधिक माहितीसाठी तत्त्वज्ञान विभागाशी संपर्क साधा. धन्यवाद.

प्राचार्य

Time Table

Name of the Teacher – Asst. Prof. Anagha A. Padhye & Asst. Prof. Rohit Gaikwad

Day	Sat	Mon	Wed	Thu	Fri	Sat	Tues	Wed	Thu	Sat	Mon	Tue	Wed
Date	6 th Aug 22	8 th Aug 22	10 th Aug 22	11 th Aug 22	12 th Aug 22	13 th Aug 22	16 th Aug 22	17 th Aug 22	18 th Aug 22	20 th Aug 22	22 th Aug 22	23 th Aug 22	24 th Aug 22
Time	2.30 - 3.30	2.30 - 3.30	2.30 - 3.30	2.30 3.30	2.30 - 3.30	2.30 - 3.30	2.30 - 3.30	2.30 - 3.30	2.30 3.30	2.30 - 3.30	2.30 3.30	2.30 - 3.30	2.30 - 3.30

Bridge Course Syllabus

Sr. No.	Topic
1	An Introduction to Logic
2	Categorical propositions
3	Modern Logic
4	Symbolic Logic
5	Predicate Logic
6	Test

Teaching Plan

6 th Aug 22	An Introduction to Logic: Basic Concepts in Logic: propositions and sentences, argument: valid argument and sound argument, recognizing arguments (premise indicators and conclusion indicators).
8 th Aug 22	An Introduction to Logic: Basic Concepts in Logic: propositions and sentences, argument: valid argument and sound argument, recognizing arguments (premise indicators and conclusion indicators).
10 th Aug 22	Categorical propositions: Traditional analysis of categorical propositions based on quality, copula and quantity (four-fold classification); distribution of terms.
11 th Aug 22	Categorical propositions : Traditional analysis of categorical propositions based on quality, copula and quantity (four fold classification); distribution of terms.
12 th Aug 22	Modern Logic: Simple and compound (formed through logical operators); truth-functional compound propositions (truth conditions)
13 th Aug 22	Modern Logic: Simple and compound (formed through logical operators); truth-functional compound propositions (truth conditions)

- 16th Aug
22 Symbolic Logic: Methods of Deduction (Formal Proof of Validity) Justification and construction of formal proofs as per both rules of inference and rules of replacement.
- 17th Aug
22 Symbolic Logic: Methods of Deduction (Formal Proof of Validity) Justification and construction of formal proofs as per both rules of inference and rules of replacement.
- 18th Aug
22 Symbolic Logic: Methods of Deduction (Formal Proof of Validity) Justification and construction of formal proofs as per both rules of inference and rules of replacement.
- 20th Aug
22 Predicate Logic: (Quantification theory) Basic Concepts in predicate logic: individual constant, individual variable, free variable, bound variable, propositional function, existential quantifier, universal quantifier, instantiation, generalization.
- 22th Aug
22 Predicate Logic (Quantification theory) Basic Concepts in predicate logic: individual constant, individual variable, free variable, bound variable, propositional function, existential quantifier, universal quantifier, instantiation, generalization.
- 23th Aug
22 Predicate Logic (Quantification theory) Basic Concepts in predicate logic: individual constant, individual variable, free variable, bound variable, propositional function, existential quantifier, universal quantifier, instantiation, generalization.
- 24th Aug
22 Test

Bridge Course Day Wise Daily Attendance Sheet

Subject – Logic			Date -		Time: 2.30to 3.30					Class – TYBA					
SR.NO	ROLL NO	STUDENT NAME	6 Aug 22	8 Aug 22	10 Aug 22	11 Aug 22	12 Aug 22	13 Aug 22	16 Aug 22	17 AUG 2022	18 AUG 2022	20 AUG 2022	22 AUG 2022	23 AUG 2022	24 AUG 2022
1	50002	BOMBADI KAILAS ANANT													
2	752	GHARAT PRAJVAL CHANDRAKANT													
3	640	JAGTAP RUTUJA SUDAM													
4	753	KANHAT ASHISH VILAS													
5	619	KUDU VEDIKA VILAS													
6	641	LADE PRACHI JAYWANT													
7	737	PATIL MANASI PRAMOD													
8	621	PATIL SAKSHI SUNIL													
9	745	PRASAD ANURAG GULABCHAND													
10	725	ZARAPKAR CHHAYESH VISHWESH													

Signature

Head of the Department
Department of Philosophy

**Bridge Course Day Wise
Daily Attendance Sheet**

Subject - Logic

Date -

Time: 2.30 to 3.30

Class - TYBA

SR.NO	ROLL NO	STUDENT NAME	6 Aug 22	8 Aug 22	10 Aug 22	11 Aug 22	12 Aug 22	13 Aug 22	16 Aug 22	17 AUG 2022	18 AUG 2022	20 AUG 2022	22 AUG 2022	23 AUG 2022	24 AUG 2022
1	50002	BOMBADI KAILAS ANANT	K.Bombadi	K.Bombadi	K.Bombadi	K.Bombadi	K.Bombadi	K.Bombadi	K.Bombadi	A	K.Bombadi	K.Bombadi	K.Bombadi	K.Bombadi	K.Bombadi
2	752	GHRAT PRAJVAL CHANDRAKANT	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP	GP
3	640	JAGTAP RUTUJA SUDAM	Putyga	Putyga	Putyga	Putyga	Putyga	Putyga	Putyga	Putyga	A	Putyga	Putyga	Putyga	Putyga
4	753	KANHAT ASHISH VILAS	Atl	Atl	Atl	Atl	Atl	Atl	A	Atl	Atl	Atl	A	Atl	Atl
5	619	KUDU VEDIKA VILAS	Ukud	Ukud	Ukud	Ukud	Ukud	Ukud	Ukud	Ukud	A	Ukud	Ukud	Ukud	Ukud
6	641	LADE PRACHI JAYWANT	Prade	Prade	Prade	Prade	Prade	Prade	Prade	Prade	Prade	Prade	Prade	Prade	Prade
7	737	PATIL MANASI PRAMOD	Patil	Patil	Patil	Patil	Patil	Patil	A	Patil	A	Patil	Patil	Patil	Patil
8	621	PATIL SAKSHI SUNIL	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
9	745	PRASAD ANURAG GULABCHAND	Ahury	Ahury	Ahury	Ahury	Ahury	Ahury	Ahury	Ahury	Ahury	Ahury	Ahury	Ahury	Ahury
10	725	ZARAPKAR CHHAYESH VISHWESH	Bpahl	Bpahl	Bpahl	Bpahl	Bpahl	Bpahl	Bpahl	Bpahl	Bpahl	Bpahl	Bpahl	Bpahl	Bpahl

Kiran

Dr. Kiran J. Sane
Head of Department
Dept. of Philosophy

BRIDGE COURSE TEST FOR LOGIC

1) Fill in the blanks. 20

रिकाभ्याजागाभर.

1) Simple proposition describes thing.

सरलविधान गोष्टींचेवर्णनकरते.

- a) Oneएक
- b) Twoदोन
- c) Threeतीन
- d) Manyअनेक

2) $(p \supset q)$

$\sim q$ / $\therefore \sim P$ is a rule of

$(p \supset q)$

$\sim q$ / $\therefore \sim P$ हा.....नियमआहे.

- a) Disjunctive syllogism
वैकल्पिकसंवाक्य
- b) Hypothetical Syllogismलक्षितताशृंखला
- c) Modus Tollensनिषेधकविधी
- d) Simplificationसरलीकरण

3) $p \supset q$

p / q is a rule of

- a) Modus Ponensविधायकविधी
- b) Destructive Dilemmaनिषेधकउभायापत्ती

c) Additionयोग

d) Simplificationसरलीकरण

4) Ram is brother of Laxman is Propositions.

रामहालक्ष्मणयाचाबंधूआहेहे विधानआहे.

a) S-P typeउ-विप्रकारचे

b) Implicativeसोपाधिक

c) Conjunctiveसंधी

d) Relationalसंबंधी

5) $P / \therefore p \vee q$ is a rule of

a) Simplificationसरलीकरण

b) Conjunctionसंधी

c) Additionयोग

d) Modus Ponensविधायकविधी

6) $(p \supset q) \equiv (\sim p \vee q)$ is the rule of

$(p \supset q) \equiv (\sim p \vee q)$ हा चानियमआहे.

a) Exportationबहिःसरण

b) Material Implicationलक्षितताव्याख्या

c) De Morganडी. मॉर्गन

d) Disjunctive Syllogismवैकल्पिकसंवाक्य

7) In conditional proof is taken as an additional premise

सोपाधिकसिद्धतेमध्ये हेअतिरिक्तआधारविधानम्हणूनस्वीकारलेजाते.

- a) Antecedent of the conclusion निष्कर्षाचेपूर्वांग
- b) The total conclusion संपूर्णनिष्कर्ष
- c) Consequent of the conclusion निष्कर्षाचेउत्तरांग
- d) All of above वरीलसर्व

- a) negative of the conclusion
निष्कर्षाचानिषेध

8) In indirect proof the argument is shown to be valid by showing....

अप्रत्यक्षसिद्धतेमध्येयुक्तिवादाचीवैधता द्वारेदर्शविलीजाते.

- a) Tautology of any constituent proposition
कोणत्याहीघटकविधानाचीसर्वतःसत्यता
- b) Contradiction of any constituent proposition
कोणत्याहीघटकविधानाचाव्याघात
- c) Negative of the conclusion
निष्कर्षाचानिषेध
- d) All of above
वरीलपैकीसर्व

- a) Material Implication लक्षितताव्याख्या

9) The basic component of predicate logic is

.....विधेयतर्कशास्त्राचापायाभूतघटकम्हणजे(E)

- a) Subject - less propositions उद्देश्यरहितविधाने
- b) Subject – predicate type of propositions उद्देश्य-विधेयविधाने
- c) Relational propositions संबंधीविधाने
- d) Class membership propositions वर्गसदस्यत्वविधाने

10) Amitabh is Tall can be symbolized asअमिताभउंचआहेहेविधान
असेचिन्हांकितकरतात. (E)

a) Ta

b) $(\exists x) Tx$

c) $a \in T$

d) At

16
20

Roll no. 64

BRIDGE COURSE TEST FOR LOGIC 22-23

20

Fill in the blanks.

रिकाय्या जागा भर.

1) Simple proposition describes thing.
सरल विधान गोष्टींचे वर्णन करते.

- a) One एक
- b) Two दोन
- c) Three तीन
- d) Many अनेक

2

2) $(p \supset q)$

$\sim q$ / $\therefore \sim P$ is a rule of

$(p \supset q)$

$\sim q$ / $\therefore \sim P$ हा नियम आहे.

- a) Disjunctive syllogism

वैकल्पिक संवाक्य

- b) Hypothetical Syllogism लक्षितता शृंखला
- c) Modus Tollens निषेधक विधी
- d) Simplification सरलीकरण

2

3) $p \supset q$
p / q is a rule of
<input checked="" type="checkbox"/> a) Modus Ponens विधायक विधी
b) Destructive Dilemma निषेधक उभायापत्ती
c) Addition योग
d) Simplification सरलीकरण
4) Ram is brother of Laxman is Propositions.

2

4) राम हा लक्ष्मण याचा बंधू आहे हे विधान आहे.
a) S-P type उ-वि प्रकारचे
b) Implicative सोपाधिक
c) Conjunctive संधी
✓ d) Relational संबंधी
5) $P / \therefore p \vee q$ is a rule of
a) Simplification सरलीकरण
b) Conjunction संधी
✓ c) Addition योग
d) Modus Ponens विधायक विधी

6) $(p \supset q) \equiv (\sim p \vee q)$ is the rule of

$(p \supset q) \equiv (\sim p \vee q)$ हा चा नियम आहे.

- | | |
|--------------------------|-------------------|
| a) Exportation | बहिःसरण |
| b) Material Implication | लक्षितता व्याख्या |
| ✓ c) De Morgan | डी. मॉर्गन |
| d) Disjunctive Syllogism | वैकल्पिक संवाक्य |

7) In conditional proof is taken as an additional premise

सोपाधिक सिद्धतेमध्ये हे अतिरिक्त आधारविधान म्हणून स्वीकारले जाते.

- | | |
|-----------------------------------|----------------------|
| a) Antecedent of the conclusion | निष्कर्षाचे पूर्वांग |
| b) The total conclusion | संपूर्ण निष्कर्ष |
| ✓ c) Consequent of the conclusion | निष्कर्षाचे उत्तरांग |
| d) All of above | वरील सर्व |

- | | |
|-------------------------------|-------------------|
| a) negative of the conclusion | निष्कर्षाचा निषेध |
|-------------------------------|-------------------|

8)	In indirect proof the argument is shown to be valid by showing.... अप्रत्यक्ष सिद्धतेमध्ये युक्तिवादाची वैधता द्वारे दर्शविली जाते.
	a) Tautology of any constituent proposition कोणत्याही घटक विधानाची सर्वतः सत्यता
✓	b) Contradiction of any constituent proposition कोणत्याही घटक विधानाचा व्याघात
	c) Negative of the conclusion निष्कर्षाचा निषेध
	d) All of above वरीलपैकी सर्व
	a) Material Implication लक्षितता व्याख्या
9)	The basic component of predicate logic is विधेय तर्कशास्त्राचा पायाभूत घटक म्हणजे (E)
	a) Subject - less propositions उद्देश्यरहित विधाने
✓	b) Subject - predicate type of propositions उद्देश्य-विधेय विधाने
	c) Relational propositions संबंधी विधाने
	d) Class membership propositions वर्ग सदस्यत्व विधाने
10)	Amitabh is Tall can be symbolized as अमिताभ उंच आहे हे विधान असे चिन्हांकित करतात. (E)
	a) Ta
✓	b) $(\exists x) T_x$
	c) $a \in T$
	d) At

Test Attendance

SR.NO	ROLL NO	STUDENT NAME	SIGN
1	50002	BOMBADI KAILAS ANANT	
2	752	GHARAT PRAJVAL CHANDRAKANT	
3	640	JAGTAP RUTUJA SUDAM	
4	753	KANHAT ASHISH VILAS	
5	619	KUDU VEDIKA VILAS	
6	641	LADE PRACHI JAYWANT	
7	737	PATIL MANASI PRAMOD	
8	621	PATIL SAKSHI SUNIL	
9	745	PRASAD ANURAG GULABCHAND	
10	725	ZARAPKAR CHHAYESH VISHWESH	

BRIDGE COURSE TEST 2022-23

Class-TYBA

DATE:

SUB:LOGIC

SR.NO	ROLL NO	STUDENT NAME	SIGN
1	50002	BOMBADI KAILAS ANANT	K. Bombadi
2	752	GHARAT PRAJVAL CHANDRAKANT	GTP
3	640	JAGTAP RUTUJA SUDAM	Rutuja
4	753	KANHAT ASHISH VILAS	Ashish
5	619	KUDU VEDIKA VILAS	Vedika
6	641	LADE PRACHI JAYWANT	Prachi
7	737	PATIL MANASI PRAMOD	Manasi
8	621	PATIL SAKSHI SUNIL	Sakshi
9	745	PRASAD ANURAG GULABCHAND	Anurag
10	725	ZARAPKAR CHHAYESH VISHWESH	Chhayesh

Kiran
Dr. Kiran J. Sane
Head of Department
Dept. of Philosophy

Marks of Learners

Sr. No.	Roll No	Name of the Student	Test Marks
1.	619	KUDU VEDIKA VILAS	14
2.	621	PATIL SAKSHI SUNIL	14
3.	640	JAGTAP RUTUJA SUDAM	16
4.	641	LADE PRACHI JAYWANT	14
5.	725	ZARAPKAR CHHAYESH VISHWESH	12
6.	737	PATIL MANASI PRAMOD	14
7.	745	PRASAD ANURAG GULABCHAND	16
8.	752	GHARAT PRAJVAL CHANDRAKANT	18
9.	753	KANHAT ASHISH VILAS	16
10.	50002	BOMBADI KAILAS ANANT	18

Signature
Head of the Department
Department of Philosophy

Geo Tag Photos of Bridge Courses 2022-23



Department of Rural Development

**SONOPANT DANDEKAR ARTS, V.S.APTE COMMERCE AND M.H.MEHTA
SCIENCE COLLEGE PALGHAR**

ग्रामीण विकास विभाग

महत्वाची सूचना

प्रथम वर्ष कला वर्गातील 'ग्रामीण विकास' विषयाच्या सर्व विद्यार्थ्यांना सूचित करण्यात येते कि, दर वर्षी प्रमाणे या वर्षी हि ब्रिज कोर्स आयोजित करण्यात आला आहे. सदर कोर्स साठी सर्व विद्यार्थ्यांची उपस्थिती अनिवार्य आहे. सदर कोर्स दिनांक १२/०९/२०२२ ते १९/०९/२०२२ पर्यंत घेण्यात येईल या कोर्सची वेळ आपल्या महाविद्यालयाचे लेक्चर झाल्यानंतर दुपारी १:०० ते १:५० या वेळेत घेण्यात येतील कोर्सच्या पहिल्या दिवसी आणि शेवटच्या दिवसी विषयाभिमुख परीक्षा घेतली जाईल.

या कोर्सची उद्दिष्टे

- १- विद्यार्थ्यांना ग्रामीण विकास विषयाची ओळख करून देणे.
- २- ग्रामीण विकास विषयाच्या मुलभूत संकल्पना समजावून सांगणे.
- ३- स्पर्धा परीक्षेसाठी ग्रामीण विकास विषयाचे महत्व पटवून देणे.
- ४- ग्रामीण विकास विषयातील करीयरच्या विविध संधींची माहिती देणे .

सदर कोर्ससाठी विषय समन्वयक डॉ. किरण पाटील यांच्याशी विद्यार्थ्यांनी संपर्क साधावा.

डॉ. किरण पाटील
कोर्स समन्वयक
ग्रामीण विकास विभाग

Time Table

Name of the Teacher :-

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday
Date	12/09/2022	13/09/2022	14/09/2022	15/09/2022	16/09/2022	17/09/2022	19/09/2022
Time	1:00 to 1:50 pm	1:00 to 1:50 pm	1:00 to 1:50 pm	1:00 to 1:50pm	1:00to 1:50 pm	1:00 to 1:50pm	1:00 to 1:50 pm

Bridge Course Syllabus

Sr. No.	Topic
1	Pre Course Evaluation
2	Rural Development
3	Importance of Rural Development
4	Various Programs of Rural Development
5	Rural Society
6	Roll of Agriculture in Rural Development
7	Post Course Evaluation and Feedback

Teaching Plan

Date	Day	Topic
12/09/2022	Monday	Course Introduce
13/09/2022	Tuesday	Rural Development
14/09/2022	Wednesday	Importance of Rural Development
15/09/2022	Thursday	Various Programs of Rural Development
16/09/2022	Friday	Rural Society
17/09/2022	Saturday	Roll of Agriculture in Rural Development
19/09/2022	Monday	Post Course Evaluation and Feedback

Bridge Course Day Wise Daily Attendance Sheet

Subject :- Rural Development

Time :-

Class:-

Date :-

Name of the teacher :-

Sr. No.	Roll No.	Name of Student	Signature
1	29	DHODI KASHISH RAJU	KRdhd.
2	57	GADAGE AKASH AJAGAR	akash
3	77	VAITY PIYUSH RAVINDRA	P.R. Vaity
4	89	BHOIR ANKITA VANRAJ	Abhir
5	97	JAIN MIHIR BHAGAVANLAL	Mihir
6	105	GAWAD NISHANT UMESH	N. Goward
7	115	SHELAKA PRIYANKA UMESH	Shelaka
8	132	TARE JATIN SURESH	Jtare
9	144	KATKAR HARSHAL PRABHAKAR	Harshala
10	154	BASAWAT VRUSHABH H.	Prat
11	214	BHAVAR PRASHANT SUNIL	Prashant
12	30015	VANAGA AAKASH RAMESH	Aakash

Head of Department

F.Y.B.A – R.D. Bridge Course (Pre Test2021 - 2022)

Marks :-20

प्रश्न १ला.:- खालील प्रश्नांची उत्तरे एका वाक्यात लिहा.

०५

- १) ग्रामीण भागात लोकांचा मुख्य व्यवसाय कोणता आहे.
- २) नागरी भागाच्या प्रशासनासाठी कोणती व्यवस्था असते.
- ३) ग्राम पंचायतीचा सचिव कोण असतो.
- ४) गावाच्या प्रशासनासाठी कोणती संस्था कार्यरत असते.
- ५) कोणत्या राज्यात शेतकऱ्यांच्या आत्महत्तेच प्रमाण अधिक आहे.

प्रश्न २रा. खालील प्रश्नांची थोडक्यात उत्तरे लिहा.

१०

- १) ग्रामीण भाग म्हणजे काय.
- २) विकासाची व्याख्या करा.
- ३) ग्रामीण भागाची कोणतीही चार वैशिष्ट्ये सांगा.
- ४) ग्रामीण संरचना कोणत्या आहेत.
- ५) ग्रामीण विकासाच्या योजना सांगा.

प्रश्न ३रा. :- खालील वाक्य चूक कि बरोबर ते लिहा.

०५

- १) ग्रामीण भागात शिक्षणाचे प्रमाण अधिक आहे.
- २) ग्रामीण भागात शेती हा प्रमुख व्यवसाय आहे.
- ३) महाराष्ट्रात सर्वात जास्त शेतकऱ्यांच्या आत्महत्या होतात.
- ४) ग्रामीण भागात बोली भाषेला महत्व दिले जाते.
- ५) ग्रामीण भागात एकत्र कुटुंब पद्धती अधिक दिसते.

F.Y.B.A.-R.D. – Bridge Course (Post Test 2021 - 2022)

Marks :-20

प्रश्न १ला. खालील प्रश्नांची उत्तरे एका वाक्यात लिहा.

०५

- १) ग्रामीण भागाच्या प्रशासनासाठी कोणती व्यवस्था आहे.
- २) महाराष्ट्र राज्याचा स्थापना दिवस कोणता आहे.
- ३) ग्राम पंचायतीचा प्रमुख कोण असतो.
- ४) भारतात हरित क्रांती कोणत्या वर्षी झाली.
- ५) आपल्या राज्यात पंचायती राज्य व्यवस्था केव्हा सुरु झाली

प्रश्न २रा.:- खालील प्रश्नांची थोडक्यात उत्तरे लिहा.

१०

- १) ग्रामीण विकास म्हणजे काय.
- २) ग्रामीण औद्योगिकीकरण कशाला म्हणतात.
- ३) ग्रामीण समाजाच थोडक्यात वर्णन करा.
- ४) ग्रामीण संरचना म्हणजे काय.
- ५) ग्रामीण विकासाच्या योजना सांगा .

प्रश्न ३रा. :- खालील वाक्य चूक कि बरोबर ते लिहा.

०५

- १) ग्रामीण भागात शिक्षणाचे प्रमाण अल्प आहे.
- २) ग्रामीण भागात बोली भाषा बोलली जाते.
- ३) आपल्या देशात अल्प भूधारकांचे प्रमाण जास्त आहे.
- ४) शहरी भागात विभक्त कुटुंब पद्धती अधिक असते.
- ५) पंचायत समितीचा प्रशासकीय प्रमुख सभापती असतो.

Incremental growth among slow Learners

Sr. No.	Roll. No.	Name of the student	Pre test Marks	Post Test Marks
1	29	DHODI KASHISH RAJU	14	17
2	57	GADAGE AKASH AJAGAR	11	15
3	77	VAITY PIYUSH RAVINDRA	10	14
4	89	BHOIR ANKITA VANRAJ	09	15
5	97	JAIN MIHIR BHAGAVANLAL	11	17
6	105	GAWAD NISHANT UMESH	12	18
7	115	SHELAKA PRIYANKA UMESH	13	18
8	132	TARE JATIN SURESH	15	18
9	144	KATKAR HARSHAL PRABHAKAR	14	17
10	154	BASAWAT VRUSHABH H.	08	13
11	214	BHAVAR PRASHANT SUNIL	13	17
12	30015	VANAGA AAKASH RAMESH	13	17

Head of the Department

Photos



**SONOPANT DANDEKAR ARTS, V.S. APTE COMMERCE AND M.H.
MEHTA SCIENCE COLLEGE PALGHAR
BRIDGE COURSE ATTENDANCE SHEET**

Sr. No.	Roll No	Name of the student	12/9/22	13/9/22	14/9/22	15/9/22	16/9/22	17/9/22	19/9/22
1	29	DHODI KASHISH RAJU	R.Rothidi	R.Rothidi	R.Rothidi	R.Rothidi	R.Rothidi	R.Rothidi	R.Rothidi
2	57	GADAGE AKASH AJAGAR	AKASH	AKASH	AKASH	AKASH	AKASH	AKASH	AKASH
3	77	VAITY PIYUSH RAVINDRA	P.R.Vaity	P.R.Vaity	P.R.Vaity	P.R.Vaity	P.R.Vaity	P.R.Vaity	P.R.Vaity
4	89	BHOIR ANKITA VANRAJ	ANKITA	ANKITA	ANKITA	ANKITA	ANKITA	ANKITA	ANKITA
5	97	JAIN MIHIR BHAGAVANLAL	M.Jain	M.Jain	M.Jain	M.Jain	M.Jain	M.Jain	M.Jain
6	105	GAWAD NISHANT UMESH	N.Gawad	N.Gawad	N.Gawad	N.Gawad	N.Gawad	N.Gawad	N.Gawad
7	115	SHELAKA PRIYANKA UMESH	S.Shelaka	S.Shelaka	S.Shelaka	S.Shelaka	S.Shelaka	S.Shelaka	S.Shelaka
8	132	TARE JATIN SURESH	J.Tare	J.Tare	J.Tare	J.Tare	J.Tare	J.Tare	J.Tare
9	144	KATKAR HARSHAL PRABHAKAR	H.Katkar	H.Katkar	H.Katkar	H.Katkar	H.Katkar	H.Katkar	H.Katkar
10	154	BASAWAT VRUSHABH H.	B.Basawat	B.Basawat	B.Basawat	B.Basawat	B.Basawat	B.Basawat	B.Basawat
11	214	BHAVAR PRASHANT SUNIL	P.Bhavar	P.Bhavar	P.Bhavar	P.Bhavar	P.Bhavar	P.Bhavar	P.Bhavar
12	30015	VANAGA AAKASH RAMESH	A.Vanaga	A.Vanaga	A.Vanaga	A.Vanaga	A.Vanaga	A.Vanaga	A.Vanaga

Department of Business Economics

**Sonopant Dandekar Arts, V.S.Apte Commerce & M.H. Mehta Science College,
Palghar**

NOTICE

Bridge Course

Department of Business Economics

Bridge Course have been organized for the **F.Y.B.Com** students to provide students with a solid foundation in the basic academic skills and knowledge they need to succeed at their college level in the subject of **Business Economics**. All the concerned **F.Y.B.Com** students are hereby informed to contact their respective teacher coordinator.

Course Duration: 22.08.2022 to 29.08.2022

Course Time: 11.55 a.m. to 12.45 p.m.

Main Objective of Course:

- Give students the confidence and improve their learning skills.
- The objective of the Bridge Courses is primarily focused to benefit the slow learners.

Further students may note that:

- It is mandatory for all the concerned students to attend bridge course.
- The Test will be conducted for the Bridge Course Coaching twice during the period.
- Attendance for both the test is mandatory.

Dr. Yogesh M. Kulkarni
Head of the Department
Department of Business Economics



Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

(Best College - University of Mumbai)
(Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019')

Date: 18/08/2022

NOTICE

Department of Business Economics

BRIDGE COURSE

All F.Y.B.Com Students of senior college hereby informed that the Department of Business Economics is starting a Bridge Course from 22nd Aug 2022 to 29th Aug 2022.

Enrollment for the above course should be done on or before 20th Aug 2022. All the concerned **F.Y.B.Com** students are hereby informed to contact their respective teacher coordinator.

Dr. Yogesh M. Kulkarni
Head & Course Co-Ordinator
Department of Business Economics

Dr. Kiran Save
Principal

Introduction of Bridge Course:

“The essence of education lies in drawing out the very best that is in you.”

Bridge Courses can be considered as supplementary knowledge that can be provided to students to impart basic knowledge in them about the advanced subjects that will be taught to them in the upcoming future. With a view to enhance the comprehension in subjects we frame a bridge course to first semester B.A/B.Sc/B.Com programme students. The essentials and fundamentals of Higher Secondary level subjects are necessary to understand the subject at an ease and this will lead to a better appreciation of the subject.

For example, if a student has completed his higher secondary studies in Science and wants to pursue graduation in commerce, a bridge course may help him to gain the basic knowledge of the course that will be taught to him in the bridge course.

Objective:

The bridge course aims to act as a buffer for the new entrants with an objective to provide adequate time for the transition to hardcore of degree courses. This gives them a breather, to prepare themselves before the onset of courses for the first year degree programme. During this interaction of course with the faculty, the students will be equipped with the knowledge and the confidence needed to take on bigger challenges in future.

Time Table

Name of the Teacher – Dr. Yogesh M. Kulkarni

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday
Date	22/08/2022	23/08/2022	24/08/2022	25/08/2022	26/08/2022	27/08/2022	29/08/2022
Time	11:55 am to 12:45 pm	11:55 am to 12:45 pm	11:55 am to 12:45 pm	11:55 am to 12:45 pm	11:55 am to 12:45 pm	11:55 am to 12:45 pm	11:55 am to 12:45 pm

Bridge Course Syllabus

Sr. No.	Topic
1	Introduction to Micro & Macro Economics
2	Utility Analysis
3	Demand Analysis
4	Elasticity of Demand
5	National Income

Teaching Plan

Monday	Introduction, Meaning & Concept of Micro & Macro Economics
Tuesday	Meaning, Concept & Types of Utility e.g. Cardinal & Ordinal Utility analysis
Wednesday	Meaning, Concept of demand & Law of Demand e.g. Market & Individual Demand
Thursday	Meaning, Concept & Types of elasticity of demand e.g. Price, income, cross, promotional elasticity of demand
Friday	Meaning, Concept, Features & types of national income e.g. GDP, GNP, NNP.
Saturday	Meaning, Concept, Features & forms of market e.g. Perfect competition, Monopoly, Monopolistic Competition & Oligopoly

Sonopant Dandekar Arts, V.S.Apte Commerce & M.H. Mehta Science College, Palghar
Bridge Course Day Wise
Daily Attendance Sheet

Subject – Business Economics

Date –22.08.2022

Time–11.55am – 12.45pm

Class – F.Y.BCom

Name of the Teacher –Dr. Yogesh M. Kulkarni

Asst. Prof. Shalaka Gharat

Sonopant Dandekar Arts, V.S.Apte Commerce & M.H. Mehta Science College, Palghar
Bridge Course Day Wise
Daily Attendance Sheet

Subject – Business Economics
Time–11.55am – 12.45pm
Name of the Teacher –Dr. Yogesh M. Kulkarni
Asst. Prof. Shalaka Gharat

Date –22.08.2022
Class – F.Y.BCom

Sr. No.	Roll No.	Name of Student	Signature
1	1021	Mahto Anjali Subhodh	Anjali
2	1022	Gupta Neha Gandhiprasad	Neha
3	1023	Paswan Hariom Kanhaiyalal	Hariom
4	1024	Jadhav Disksha Vinod	Disksha
5	1026	Barad Utkarsha Naresh	U.N. Barad
6	1030	Dandekar Prachiti Bharat	P.Dandekar
7	1033	Patwa Laxmi Jaykumar	Laxmi
8	1034	Patil Riya Subhash	R.S.Patil
9	1036	Patil Shreya Sandesh	S.S.Patil
10	1040	Tare Sanskruti Santosh	Santosh
11	1042	Kini Rasika Sudhakar	Rskini
12	60086	Meher Janmesh Vasant	J.V.Meher
13	60089	Kambi Sapna Raghunath	S.Kambi
14	60091	More Prachiti Dinkar	P.D.More
15	60100	More Anant Anil	A.A.MORE
16	60103	Patil Kashish Prashant	K.Patil
17	60109	Chauhan Deepa Bhupal	Deepa
18	60112	Sati Dilshad Amir	D.A.Sati


Signature
Head of the Department
Department of Business Economics

Signature
Head of the Department
Department of Business Economics

Sonopant Dandekar Arts, V.S.Apte Commerce & M.H. Mehta Science College, Palghar
Bridge Course Day Wise
Daily Attendance Sheet

Subject – Business Economics

Date –23.08.2022

Time–11.55am – 12.45pm

Class – F.Y.BCom

Name of the Teacher –Dr. Yogesh M. Kulkarni

Asst. Prof. Shalaka Gharat

Sonopant Dandekar Arts, V.S.Apte Commerce & M.H. Mehta Science College, Palghar
Bridge Course Day Wise
Daily Attendance Sheet

Subject – Business Economics
Time–11.55am – 12.45pm
Name of the Teacher –Dr. Yogesh M. Kulkarni
Asst. Prof. Shalaka Gharat

Date –23.08.2022
Class – F.Y.BCom

Sr. No.	Roll No.	Name of Student	Signature
1	1021	Mahto Anjali Subhodh	<i>Anjali</i>
2	1022	Gupta Neha Gandhiprasad	<i>Neha</i>
3	1023	Paswan Hariom Kanhaiyalal	<i>Hariom</i>
4	1024	Jadhav Disksha Vinod	<i>Disksha</i>
5	1026	Barad Utkarsha Naresh	<i>U.N. Barad</i>
6	1030	Dandekar Prachiti Bharat	<i>P. Dandekar</i>
7	1033	Patwa Laxmi Jaykumar	<i>Laxmi</i>
8	1034	Patil Riya Subhash	<i>R.S. Patil</i>
9	1036	Patil Shreya Sandesh	<i>S.S. Patil</i>
10	1040	Tare Sanskruti Santosh	<i>Sanskruti</i>
11	1042	Kini Rasika Sudhakar	<i>Rasika</i>
12	60086	Meher Janmesh Vasant	<i>J.V. Meher</i>
13	60089	Kambi Sapna Raghunath	<i>Sapna</i>
14	60091	More Prachiti Dinkar	<i>P.D. More</i>
15	60100	More Anant Anil	<i>A.A. More</i>
16	60103	Patil Kashish Prashant	<i>K.Patil</i>
17	60109	Chauhan Deepa Bhuval	<i>Deepa</i>
18	60112	Sati Dilshad Amir	<i>D.A. Sati</i>


Signature
Head of the Department
Department of Business Economics

Signature
Head of the Department
Department of Business Economics

Sonopant Dandekar Arts, V.S.Apte Commerce & M.H. Mehta Science College, Palghar
Bridge Course Day Wise
Daily Attendance Sheet

Subject – Business Economics

Date –24.08.2022

Time–11.55am – 12.45pm

Class – F.Y.BCom

Name of the Teacher –Dr. Yogesh M. Kulkarni

Asst. Prof. Shalaka Gharat

Sonopant Dandekar Arts, V.S.Apte Commerce & M.H. Mehta Science College, Palghar
Bridge Course Day Wise
Daily Attendance Sheet

Subject – Business Economics
Time–11.55am – 12.45pm
Name of the Teacher –Dr. Yogesh M. Kulkarni
Asst. Prof. Shalaka Gharat

Date –24.08.2022
Class – F.Y.BCom

Sr. No.	Roll No.	Name of Student	Signature
1	1021	Mahto Anjali Subhodh	Anjali
2	1022	Gupta Neha Gandhiprasad	Neha
3	1023	Paswan Hariom Kanhaiyalal	Hariom
4	1024	Jadhav Disksha Vinod	Disksha
5	1026	Barad Utkarsha Naresh	U.N. Barad
6	1030	Dandekar Prachiti Bharat	Prachiti
7	1033	Patwa Laxmi Jaykumar	Laxmi
8	1034	Patil Riya Subhash	R.S. Patil
9	1036	Patil Shreya Sandesh	S.S. Patil
10	1040	Tare Sanskruti Santosh	Sanskruti
11	1042	Kini Rasika Sudhakar	Rasika
12	60086	Meher Janmesh Vasant	J.V. Meher
13	60089	Kambi Sapna Raghunath	Sapna
14	60091	More Prachiti Dinkar	P.D. More
15	60100	More Anant Anil	A.A. MORE
16	60103	Patil Kashish Prashant	Kashish
17	60109	Chauhan Deepa Bhuval	Deepa
18	60112	Sati Dilshad Amir	D.A. Sati


Signature
Head of the Department
Department of Business Economics

Signature
Head of the Department
Department of Business Economics

Sonopant Dandekar Arts, V.S.Apte Commerce & M.H. Mehta Science College, Palghar
Bridge Course Day Wise
Daily Attendance Sheet

Subject – Business Economics

Date –25.08.2022

Time–11.55am – 12.45pm

Class – F.Y.BCom

Name of the Teacher –Dr. Yogesh M. Kulkarni


Asst. Prof. Shalaka Gharat

Sonopant Dandekar Arts, V.S.Apte Commerce & M.H. Mehta Science College, Palghar
Bridge Course Day Wise
Daily Attendance Sheet

Subject – Business Economics
Time–11.55am – 12.45pm
Name of the Teacher –Dr. Yogesh M. Kulkarni
Asst. Prof. Shalaka Gharat

Date –25.08.2022
Class – F.Y.BCom

Sr. No.	Roll No.	Name of Student	Signature
1	1021	Mahto Anjali Subhodh	Anjali
2	1022	Gupta Neha Gandhiprasad	Neha
3	1023	Paswan Hariom Kanhaiyalal	Paswan
4	1024	Jadhav Disksha Vinod	Disksha
5	1026	Barad Utkarsha Naresh	U.N. Barad
6	1030	Dandekar Prachiti Bharat	P.Dandekar
7	1033	Patwa Laxmi Jaykumar	Laxmi
8	1034	Patil Riya Subhash	R.S. Patil
9	1036	Patil Shreya Sandesh	S. S. Patil
10	1040	Tare Sanskruti Santosh	Sanskruti
11	1042	Kini Rasika Sudhakar	R.S. Kini
12	60086	Meher Janmesh Vasant	J.V. Meher
13	60089	Kambi Sapna Raghunath	Sapna
14	60091	More Prachiti Dinkar	P.D. More
15	60100	More Anant Anil	A.A. More
16	60103	Patil Kashish Prashant	K.Patil
17	60109	Chauhan Deepa Bhuval	Deepa
18	60112	Sati Dilshad Amir	D.A. Sati


Signature
Head of the Department
Department of Business Economics

Signature
Head of the Department
Department of Business Economics

Sonopant Dandekar Arts, V.S.Apte Commerce & M.H. Mehta Science College, Palghar
Bridge Course Day Wise
Daily Attendance Sheet

Subject – Business Economics

Date –26.08.2022

Time–11.55am – 12.45pm

Class – F.Y.BCom

Name of the Teacher –Dr. Yogesh M. Kulkarni


Asst. Prof. Shalaka Gharat

Sonopant Dandekar Arts, V.S.Apte Commerce & M.H. Mehta Science College, Palghar
Bridge Course Day Wise
Daily Attendance Sheet

Subject – Business Economics
Time–11.55am – 12.45pm
Name of the Teacher –Dr. Yogesh M. Kulkarni
Asst. Prof. Shalaka Gharat

Date –26.08.2022
Class – F.Y.BCom

Sr. No.	Roll No.	Name of Student	Signature
1	1021	Mahto Anjali Subhodh	<i>Anjali</i>
2	1022	Gupta Neha Gandhiprasad	<i>Neha</i>
3	1023	Paswan Hariom Kanhaiyalal	<i>Paswan</i>
4	1024	Jadhav Disksha Vinod	<i>Disksha</i>
5	1026	Barad Utkarsha Naresh	<i>U.N. Barad</i>
6	1030	Dandekar Prachiti Bharat	<i>P.Dandekar</i>
7	1033	Patwa Laxmi Jaykumar	<i>Laxmi</i>
8	1034	Patil Riya Subhash	<i>R.S. Patil</i>
9	1036	Patil Shreya Sandesh	<i>S.S. Patil</i>
10	1040	Tare Sanskruti Santosh	<i>Tare</i>
11	1042	Kini Rasika Sudhakar	<i>Rasika</i>
12	60086	Meher Janmesh Vasant	<i>J.V. Meher</i>
13	60089	Kambi Sapna Raghunath	<i>Sapna</i>
14	60091	More Prachiti Dinkar	<i>P.D. More</i>
15	60100	More Anant Anil	<i>A.A. More</i>
16	60103	Patil Kashish Prashant	<i>K.Patil</i>
17	60109	Chauhan Deepa Bhupal	<i>Deepa</i>
18	60112	Sati Dilshad Amir	<i>D.A. Sati</i>


Signature
Head of the Department
Department of BusinessEconomics

Signature
Head of the Department
Department of BusinessEconomics

Sonopant Dandekar Arts, V.S.Apte Commerce & M.H. Mehta Science College, Palghar
Bridge Course Day Wise
Daily Attendance Sheet

Subject – Business Economics

Date –27.08.2022

Time–11.55am – 12.45pm

Class – F.Y.BCom

Name of the Teacher –Dr. Yogesh M. Kulkarni


Asst. Prof. Shalaka Gharat

Sonopant Dandekar Arts, V.S.Apte Commerce & M.H. Mehta Science College, Palghar
Bridge Course Day Wise
Daily Attendance Sheet

Subject – Business Economics
Time–11.55am – 12.45pm
Name of the Teacher –Dr. Yogesh M. Kulkarni
Asst. Prof. Shalaka Gharat

Date –27.08.2022
Class – F.Y.BCom

Sr. No.	Roll No.	Name of Student	Signature
1	1021	Mahto Anjali Subhodh	<i>Anjali</i>
2	1022	Gupta Neha Gandhiprasad	<i>Neha</i>
3	1023	Paswan Hariom Kanhaiyalal	<i>Hariom</i>
4	1024	Jadhav Disksha Vinod	<i>Disksha</i>
5	1026	Barad Utkarsha Naresh	<i>U.N. Barad</i>
6	1030	Dandekar Prachiti Bharat	<i>P.Dandekar</i>
7	1033	Patwa Laxmi Jaykumar	<i>Laxmi</i>
8	1034	Patil Riya Subhash	<i>R.S. Patil</i>
9	1036	Patil Shreya Sandesh	<i>S.S. Patil</i>
10	1040	Tare Sanskruti Santosh	<i>Santosh</i>
11	1042	Kini Rasika Sudhakar	<i>Rasika</i>
12	60086	Meher Janmesh Vasant	<i>J.V. Meher</i>
13	60089	Kambi Sapna Raghunath	<i>Sapna</i>
14	60091	More Prachiti Dinkar	<i>P.D. More</i>
15	60100	More Anant Anil	<i>A.A. More</i>
16	60103	Patil Kashish Prashant	<i>K.Patil</i>
17	60109	Chauhan Deepa Bhuval	<i>Deepa</i>
18	60112	Sati Dilshad Amir	<i>D.A. Sati</i>


Signature
Head of the Department
Department of Business Economics

Signature
Head of the Department
Department of Business Economics

Business Economics
F.Y.Bcom Bridge Course (Pre - Test)

Business Economics

F.Y.Bcom Bridge Course (Pre - Test)

Max Marks - 20

Q. 1 Select the most appropriate answer from the options. (10)
(Each question carries five marks)

1. What is known as the study of individual units?
a) Macroeconomics b) Microeconomics
c) Income and Employment theory d) Development economics
2. What is the main cause of all economics problems?
a) Abundance b) Convenience c) Scarcity d) None of these
3. Study of Aggregates is known as _____.
a) Macroeconomics c) Microeconomics
b) Price theory d) Factor price determination
4. Who is known as the father of economics?
a) Adam Smith b) J.M.Keynes c) Samuelson d) Hicks
5. Which among the following are factors of production?
a) Land b) Labour c) Capital d) All of the above

Q. 2 Attempt any two out of three. (10)
(Each question carries five marks)

1. Explain the features of Perfect Competition.
2. What is demand?
3. Explain the term Microeconomics.

Sonopant Dandekar Shikshan Mandali's
SONOPANT DANDEKAR ARTS, V.S. APTE COMMERCE AND M.H. MEHTA SCIENCE COLLEGE, PALGHAR
 Tal. & Dist. - Palghar. Pin - 401 404.

Semester based Credit & Grading System

Attendance of students for Tutorial/ Assignment/ Project/ Class Test
 Academic Year - 2022-23

Pse-Test

Class - *FYBcom* Course - *Bridge Course* Div - *A and C* Semester - *I*
 Subject - *Business Economics* Paper No. - *I*
 Name of Prof. - *Dr. Y.M. Kulkarni and Mrs. Shalaka Chozat*

Sr. No.	Roll No.	Sign	Sr. No.	Roll No.	Sign	Sr. No.	Roll No.	Sign
1	1021	<i>Dajani</i>	31			61		
2	1022	<i>Jeka</i>	32			62		
3	1023	<i>Hannan</i>	33			63		
4	1024	<i>P. Hadhan</i>	34			64		
5	1026	<i>U.N. Barad</i>	35			65		
6	1030	<i>P.D. Dandekar</i>	36			66		
7	1033	<i>Laxmi</i>	37			67		
8	1034	<i>R.S. Patil</i>	38			68		
9	1036	<i>S.S. Patil</i>	39			69		
10	1040	<i>Fore</i>	40			70		
11	1042	<i>Rskini</i>	41			71		
12	60086	<i>J.V. Meher</i>	42			72		
13	60089	<i>Skandi</i>	43			73		
14	60091	<i>P.D. More</i>	44			74		
15	60100	<i>A.A. More</i>	45			75		
16	60103	<i>K.D.</i>	46			76		
17	60109	<i>Deepa</i>	47			77		
18	60112	<i>D.A. Sati</i>	48			78		
19			49			79		
20			50			80		
21			51			81		
22			52			82		
23			53			83		
24			54			84		
25			55			85		
26			56			86		
27			57			87		
28			58			88		
29			59			89		
30			60			90		

Date - *22/08/2022*

Sharat
 Signature of Asst. / Assoc. Prof.

Jr. Sup. Signature with Date

Supplement No.

1021
Candidate's Seat No.

Date:

Class:

Subject:

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks													07

Q1 Select the most appropriate answer from the option.

1) what is known as the study of individual units
 → micro economics

2) what is the main cause of economic problems
 → Scarcity

3) study of aggregates is known as
 → macro economics

4) who is known as the father of economics.
 → adam Smith.

04
 5) which amount the following are factor of production.
 → All of the above.

Q2) Attempt any two out of three

Q1) Explain the features of Perfect Competition?

→ ① In the perfect competition, more seller & more buyer.

② Seller can price taker not a maker

③ Homogenous product is product is produced by every firm.

④ Zero advertising cost

⑤ no government intervention

Q2) What is demand?

→ Demand is a principle of economics that captures in a consumer's desire to buy the product or service at a demand is calculated as the price of consumer are willing to pay for the product.

Jr. Sup. Signature with Date

Supplement No.

1022

Candidate's Seat No.

Date :

Class :

Subject :

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks													10 20

Q. 1

- 1) What is known as study of individual units
→ microeconomics
- 2) What is main cause of all economic problems
→ Scarcity
- 3) Study of aggregate is known as _____
→ macroeconomics
- 4) Who is the father of economics?
→ Adam Smith
- 5) Which among the following are factor of production
→ All of the above

Q. 2

q. 2.

a. 1) Explain the features of perfect competition.
→ Features of perfect competition are as follows:

i) Large no. of buyers and sellers - There are large numbers of buyers and sellers in the perfect competition. No individual buyer or seller has any market power to influence market.

ii) Homogeneous product - In a perfectly competition market product produce are homogeneous.

iii) Freedom of entry and exit - There are no barriers of entry and exit. The firm are free with such barriers.

05 iv) No government intervention - There is no government intervention in perfect competition. There are no government barriers.

v) Perfect knowledge - The perfect competitor should have perfect knowledge of market to enter in the market.

q. 2)

→ Demand is quantity of a good that consumers are willing and able to purchase at various prices during given time. The relationship between price and quantity is called as demand curve. According to prof. Alfred Marshall, when the price increases, demand decreases and when the price decrease

02

Business Economics
F.Y.Bcom Bridge Course (Post - Test)

Business Economics
F.Y.Bcom Bridge Course (Post - Test)

Max Marks - 20

Q. 1 Select the most appropriate answer from the options. (10)
(Each question carries five marks)

1. Study of Aggregates is known as _____.
a) Macroeconomics c) Microeconomics
b) Price theory d) Factor price determination
2. Under monopoly there is _____ seller.
a) Single b) Few c) Large d) None of these
3. _____ indicates inverse relationship between price and quantity.
a) Demand c) Supply
b) Utility d) None of the above.
4. Under Monopolistic competition, firm is a _____.
a) Price taker c) Price maker
b) Supply manager d) All of the above.
5. Which among the following are factors of production?
a) Land b) Labour c) Capital d) All of the above

Q. 2 Attempt any two out of three. (10)
(Each question carries five marks)

1. Explain the features of Oligopoly.
2. Distinguish between demand and supply.
3. Discuss the importance of microeconomics.

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 Tal. & Dist. - Palghar. Pin - 401 404.

Semester based Credit & Grading System

Attendance of students for Tutorial/ Assignment/ Project/ Class Test
 Academic Year - 2022-23

Post-Test

Class - <i>F.Y.B.Com</i>	Course - <i>Bridge Course</i>	Div - <i>A and C</i>	Semester - <i>I</i>
Subject - <i>Business Economics</i>		Paper No. - <i>I</i>	
Name of Prof. - <i>Dr. Y.M. Kulkarni and Mes. Shalaka Lohar</i>			


Sr. No.	Roll No.	Sign	Sr. No.	Roll No.	Sign	Sr. No.	Roll No.	Sign
1	1021	<i>Rajal</i>	31			61		
2	1022	<i>Neeta</i>	32			62		
3	1023	<i>Hirani</i>	33			63		
4	1024	<i>D. V. Dhadhai</i>	34			64		
5	1026	<i>V.N. Borad</i>	35			65		
6	1030	<i>P.B. Dandekar</i>	36			66		
7	1033	<i>Laxmi</i>	37			67		
8	1034	<i>R.S. Patil</i>	38			68		
9	1036	<i>S.S. Patil</i>	39			69		
10	1040	<i>Fare</i>	40			70		
11	1042	<i>R. S. Kini</i>	41			71		
12	60086	<i>J.V. Meher</i>	42			72		
13	60089	<i>Skandi</i>	43			73		
14	60091	<i>P.D. More</i>	44			74		
15	60100	<i>A.A. More</i>	45			75		
16	60103	<i>K.P.</i>	46			76		
17	60109	<i>Deepa</i>	47			77		
18	60112	<i>D.A. Sati</i>	48			78		
19			49			79		
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21			51			81		
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23			53			83		
24			54			84		
25			55			85		
26			56			86		
27			57			87		
28			58			88		
29			59			89		
30			60			90		

Date - *29/08/2022*

Sphar
 Signature of Asst. / Assoc. Prof.

(42)

Sonopant Dandekar Arts College, V. S. Apte Commerce College &
M. H. Mehta Science College & R. H. Save Arts, Seth C. J. Bhanushali Com. &
B. A. Dandekar Science Jr. College Palghar, Dist. Palghar.



Jr. Sup. Signature with Date

Supplement No.

Supplement No.

1021

Candidate's Seat No.

Date :

Class :

Subject :

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks													18

18
20

Q.1

1] Study of Aggregates is known as Macro economics

2] Under monopoly there is Single seller.

3] Demand indicates inverse relationship between price and quantity.

4] Under Monopolistic Competition, firm is a Price Taker

5] which among the following are factors of production.

→ All of above

10

Q-2

1)

An oligopoly is an industry which is dominated by a few firms. Also as there are few sellers in the market every seller influences the behavior of the other firms and other firms influence it.

01

3

1) Microeconomic analysis offers insights into such disparate efforts.

2) Making business decisions or formulating public policies.

3) Macroeconomics is more abstract.

✓ Example of Macroeconomics income, savings, and the overall price level.

02 ✓

Sonopant Dandekar Arts College, V. S. Apte Commerce College & M. H. Mehta Science College & R. H. Save Arts, Seth C. J. Bhanushali Com. & B. A. Dandekar Science Jr. College Palghar, Dist. Palghar.

Jr. Sup. Signature with Date

Supplement No.

Candidate's Seat No. 1022

Date: _____ Class: _____ Subject: _____

Q. No.	1	2	3	4	5	6	7	8	9	10	11	12	Total
Marks													13

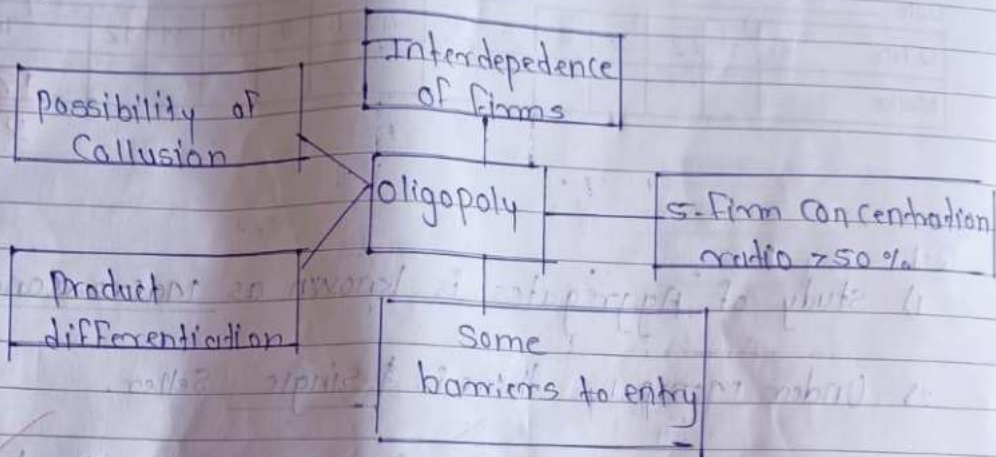
20

- Q.1
- 1) Study of Aggregates is known as macro economics
 - 2) Under monopoly there is single Seller.
 - 3) _____ indicates inverse relationship between price and quantity.
 - 4) Under monopolistic competition firm is/a _____
 - 5) Which among the following are Factors of production?
→ All of the above.

108

Q.2

- ⇒ Explain the features of oligopoly.
→ A Market structure with a small number of firms, none of which can keep the others from having significant influence.



✓ Features of oligopoly :-

- Few sellers: Small number of large firms compete (Automobile industry, oil companies.)
- product: Some industries may consist of firms selling identical products, while in some other industries firms may be selling differentiated products.

✓
05 • Differentiated - Cars, motorbikes, Television, washing Machine.

05 • Homogeneous - petrol, Cement, steel.

2. Distinguish between Demand and supply,

Supply

Demand

Definition:

Supply is the quantity of a commodity made available to the buyers or the consumers by the producers at a specific price

Demand can be defined as the buyers desire or willingness and ability to pay for the service or commodity at a particular price.

Graph Curve:

Since price and quantity move in the same direction, the graph curve for supply will be upward sloping

The curve demand would be downward sloping as the quantity and price have an opposite relationship.

Representation:

One can view supply from the producer's perspective

One should consider demand from a consumer or the buyer's perspective.

Price Impact:

03


As the product price increases the supply of product will also increase. Thus, a direct relationship.

As the product's price increases, the demand for the product decreases. Thus, indicating an inverse relationship.

Incremental growth among slow learners

Incremental growth among slow learners

Sr. No.	Roll No.	Name of Student	Pre Test Marks	Post Test Marks
1	1021	Mahto Anjali Subhodh	07	13
2	1022	Gupta Neha Gandhiprasad	10	18
3	1023	Paswan Hariom Kanhaiyalal	05	14
4	1024	Jadhav Disksha Vinod	09	17
5	1026	Barad Utkarsha Naresh	05	15
6	1030	Dandekar Prachiti Bharat	10	19
7	1033	Patwa Laxmi Jaykumar	06	14
8	1034	Patil Riya Subhash	05	16
9	1036	Patil Shreya Sandesh	08	17
10	1040	Tare Sanskruti Santosh	05	14
11	1042	Kini Rasika Sudhakar	10	19
12	60086	Meher Janmesh Vasant	07	16
13	60089	Kambi Sapna Raghunath	08	15
14	60091	More Prachiti Dinkar	06	16
15	60100	More Anant Anil	07	13
16	60103	Patil Kashish Prashant	08	17
17	60109	Chauhan Deepa Bhuval	05	13
18	60112	Sati Dilshad Amir	10	17


Signature
Head of the Department
Department of Business Economics

Signature
Head of the Department
Department of Business Economics

Report of Syllabus Covered

Sr. No.	Date	Day	Topic Covered	No. of Lectures
1	22.08.2022	Monday	Introduction, Meaning & Concept of Micro & Macro Economics & Pre-Test	1
2	23 08.2022	Tuesday	Meaning, Concept & Types of Utility e.g. Cardinal & Ordinal Utility analysis	1
3	24 08.2022	Wednesday	Meaning, Concept of demand & Law of Demand e.g. Market & Individual Demand	1
4	25 08.2022	Thursday	Meaning, Concept & Types of elasticity of demand e.g. Price, income, cross, promotional elasticity of demand	1
5	26 08.2022	Friday	Meaning, Concept, Features & types of national income e.g. GDP, GNP, NNP.	1
6	27.08.2022	Saturday	Meaning, Concept, Features & forms of market e.g. Perfect competition, Monopoly, Monopolistic Competition & Oligopoly	1
7	29 08.2022	Monday	Post Test	1

Signature
Head of the Department
Department of Business Economics

GeoTag Photo of Bridge Course



Signature
Coordinator
Department of Business Economics

Signature
Head of the Department

Outcome of the Bridge Course

By the end of the course:

- Course outcomes are specific and measurable statements that define the knowledge, skills and attitudes learners will demonstrate by the completion of a course.
- Develop the ability to explain core economic terms, concepts and theories.
- Identify key macroeconomic indicators and measures of economic changes, growth and development.
- Apply knowledge of microeconomics to individuals and businesses.
- Learners have developed interest in the subject of Business Economics and it will also be useful to fill the gap of subject knowledge between higher secondary and graduate studies.

Department of Information Technology



Sonopant Dandekar Shikshan Mandali's

**Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar**

(Best College - University of Mumbai)

(Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019')

Name of the Course	Bridge Course in Information Technology 2022-23
Eligible Students	First Year MSc-IT students.
Duration of the course	1 week (12 hour)
Time	1.00 p.m. to 3.00 p.m.
Venue	Department of Information Technology. Room No:- BMS12
Date of Commencement	14 th November 2022 to 19 th November 2022
Concerned Faculties	Prof. Ashwin Bhagat Prof. Manasi Vaity Prof. Krutika Churi Prof. Sayli Bhosale Prof. Juita Raut Prof. Manali Churi Prof. Cynthia Shinde Prof. Bhakti Raut
About the Bridge Course	The bridge course in Information Technology is specially designed to provide a brief introduction the basic concepts of Information Technology. This course will guide the students to understand the environment of industry and also to identify their niche in IT. Basics of concepts related to computers and Information technology are been added which will assist the students to brush their technical knowledge.
Objectives	To bridge the gap in the study of different subjects in the Information Technology course. To create interest among the students about the subjects and give brief knowledge industry environment. To introduce students the opportunities in the subject.
Outcome of the course	Outcome of this course to fill the gap between students and industry, also to gain a clear idea about the course.



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Schedule of the Bridge Course

Date	Topic	Speaker
14-11-2022	Navigating in SPSS and Getting Data In and Out of SPSS	Asst. Prof. Ashwin Bhagat
14-11-2022	Levels of Measurement and Entering Variables and Data and Validating Data	Asst. Prof. Cynthia Shinde
15-11-2022	Working With Data and Variables	Asst. Prof. Manali Churi
17-11-2022	Creating Graphs for Nominal and/or Ordinal Data and Continuous Data	Asst. Prof Krutika Churi
17-11-2022	Basic Descriptive Statistics	Asst. Prof. Manasi Vaity
18-11-2022	One-Sample t Test and a Binomial Test of Equality and Independent-Samples t Test and Mann-Whitney U Test	Asst. Prof Sayli Bhosale
19-11-2022	One-Way ANOVA and Kruskal-Wallis Test and wo-Way (Factorial) ANOVA	Asst. Prof. Juita Raut
19-11-2022	Analysis of Covariance	Asst. Prof. Bhakti Raut

In-charge Faculty

Head of the Department



Sonopant Dandekar Shikshan Mandali's

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Syllabus of Bridge Course

	Topic	Subtopics	Hrs
Module 1	Navigating in SPSS and Getting Data In and Out of SPSS	Introduction and Objectives, SPSS Variable View Screen , SPSS Data View Screen , SPSS Main Menu,Data Editor Toolbar, Typing Data Using the Computer Keyboard, Saving Your SPSS Data Files, Saving Your SPSS Output Files, Opening Your Saved SPSS Files, Opening SPSS Sample Files, Copying and Pasting Data to Other Applications, Importing Files From Other Applications, Exporting SPSS Files to Other Applications	01
Module 2	Levels of Measurement and Entering Variables and Data and Validating Data	Variable View Screen: Measure Column,Variables Measured at the Nominal Level,Variables Measured at the Ordinal Level,Variables Measured at the Scale Level, Using SPSS to Suggest Variable Measurement Levels, Entering Variables and Assigning Attributes, Entering Data for Each Variable, Validating Data for Databases	01
Module 3	Working With Data and Variables	Computing a New Variable, Recoding Scale Data Into a String Variable, Data Transformation, Split Cases for Independent Analysis, Inserting New Variables and Cases Into Existing Databases, Data View Page: Copy, Cut, and Paste Procedures	01

Module 4	Creating Graphs for Nominal and/or Ordinal Data and Continuous Data	Introduction to the Chart Builder, Using the Chart Builder to Build a Simple 3-D Graph, Building a Population Pyramid, Creating a Histogram, Creating a Boxplot, Creating a Panel Graph	02
Module 5	Basic Descriptive Statistics	Measures of Central Tendency, The Mode, The Median, The Mean, Measures of Dispersion, Range, Mean, Standard Deviation, and Variance, The Shape of the Distribution (Skewness), The Shape of the Distribution (Kurtosis)	02
Module 6	One-Sample t Test and a Binomial Test of Equality and Independent-Samples t Test and Mann-Whitney U Test	Research Scenario and Test Selection, Research Question and Null Hypothesis, Data Input, Analysis, and Interpretation of Output A Word About Confidence Intervals, Nonparametric Test: The Binomial Test of Equality, Research Scenario and Test Selection, Research Question and Null Hypothesis, Data Input, Analysis, and Interpretation of Output Data Input, Analysis, and Interpretation of Output, Non-parametric Test: Mann-Whitney U Test	02
Module 7	One-Way ANOVA and Kruskal-Wallis Test and wo-Way (Factorial) ANOVA	Research Scenario and Test Selection, Research Question and Null Hypothesis, Data Input, Analysis, and Interpretation of Output, Nonparametric Test: Kruskal-Wallis Test, Research Scenario and Test Selection, Research Question and Null Hypothesis, Data Input, Analysis, and Interpretation of Output	02
Module 8	Analysis of Covariance	Research Scenario and Test Selection, Research Question and Null Hypothesis, Data Input, Analysis, and Interpretation of Output Testing for the Homogeneity of Regression Slopes Main Analysis for ANCOVA	01



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Schedule of the Course

“Urban Environment: Practicing Sustainability, Responsibility and Ethics”

Sr No	Date	Topic	No of Hours
1	12-11-2022	Pre-Test	01
2	14-11-2022	Navigating in SPSS and Getting Data In and Out of SPSS	01
3	14-11-2022	Levels of Measurement and Entering Variables and Data and Validating Data	01
4	15-11-2022	Working With Data and Variables	01
5	17-11-2022	Creating Graphs for Nominal and/or Ordinal Data and Continuous Data	02
6	17-11-2022	Basic Descriptive Statistics	02
7	18-11-2022	One-Sample t Test and a Binomial Test of Equality and Independent-Samples t Test and Mann-Whitney U Test	02
8	19-11-2022	One-Way ANOVA and Kruskal-Wallis Test and wo-Way (Factorial) ANOVA	02
9	19-11-2022	Analysis of Covariance	01
10	23-11-2022	Post Test	01



Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

Bridge Course Day Wise Daily Attendance Sheet

Subject – Basics of Information Technology Date – 14-11-2022 to 19-11-22

Time - 1 PM to 3 PM

Class – MSc IT

Attendance Report of Bridge Course (Information Technology)
2022-23

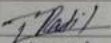
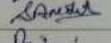
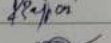
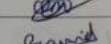
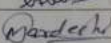

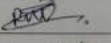
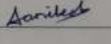
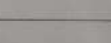
Class: MScIT Date: 14-11-2022

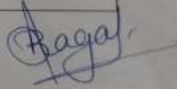
Sr. No	Name of the Student	Sign
1.	Lokesh K. Patel	
2.	Roshan. Koli	
3.	Om Singh	
4.	Aniket Gautam	
5.	Gavind Bharat Vishwakarma	
6.	Soumay Suril Anandhi	
7.	Masmeel Pendeshi	

Attendance Report of Bridge Course (Information Technology)
2022-23

Class: MSCIT

Date: 15-11-2022

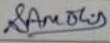

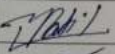




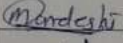

Sr. No	Name of the Student	Sign
1.	Mamuk Daxesh Patil	
2.	Suman Sunil Amolika	
3.	Brajati Pradip Sajpai	
4.	Om Singh	
5.	Govind Bharat Vihwakarma	
6.	Pardeshi Masmer	
7.	Lokesh. K. Patil	
8.	Roshan Koli	
9.	Aniket Gautam	

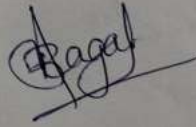


Attendance Report of Bridge Course (Information Technology)
2022-23

Class: MScIT

Date: 16-11-2022







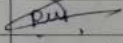

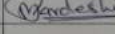
Sr. No	Name of the Student	Sign
1.	Soumya Surul Anolik	
2.	Lokesh K. Patil	
3.	Mamlesh Dhanesh Patil	
4.	Om Singh	
5.	Roshan. Koli	
5.	Govind Bharat Vishwakarma	
7.	Pragati Pradip Bajpai	
	Pardeshi Masmee	
8)	Aniket Gautam	



Attendance Report of Bridge Course (Information Technology)
2022-23

Class: MScIT

Date: 18-11-2022

Sr. No	Name of the Student	Sign
1.	Saurav Sunil Ambark	
2.	Mounsh Dhanesh Patil	
3.	Om Singh	
4.	Bhazati Pradip Bajpai	
5.	Govind Bharat Vishwakarma	
6.	Ganesh K. Patil	
7.	Roshan Koli	
8.	Aniket Gautam	
9.	Pardechi Masme	

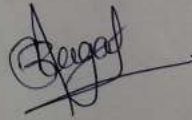


**Attendance Report of Bridge Course (Information Technology)
2022-23**

Class: MScIT

Date: 17-11-2022

Sr. No	Name of the Student	Sign
1.	Pragati Pradip Bajpai	Pragati
2.	Saurabh Sunil Anandik	Saurabh
3.	On Singh	On Singh
4.	Lokesh. K. Patil	Lokesh
5.	Mamata Dhanesh Patil	Mamata
6.	Ganesh Bharat Nishwakarma	Ganesh
7.	Roshan. Koli	Roshan
8.	Aniket Gautam	Aniket
9.	Pardeshi Masmee	Pardeshi



Attendance Report of Bridge Course (Information Technology)
2022-23

Class: MScIT

Date: 19-11-2022

Sr. No	Name of the Student	Sign
1.	Sudhanu Sunil Amolk	Sudhanu
2.	Govind K. Patil	Govind
3.	Om Singh	Om Singh
4.	Roshan Keli	Roshan
5.	Govind Bharat Vishwakarma	Govind
7.	Mounish Doreesh Patil	Mounish
8.	Pragati Pradip Bajpai	Pragati
9.	Aniket Ganjam	Aniket

Govind



Sonopant Dandekar Shikshan Mandali's

**Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar**

(Best College - University of Mumbai)

(Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019')

MSc IT Bridge Course (Pre-Test) 2022 – 2023

Q.Attempt any four.

Max Marks – 20

1. How can I read hierarchical data into SPSS?
2. Explain basic descriptive statistic?
3. What is Independent-Samplest Test and Mann-Whitney U Test.
4. How can I compare two data sets in SPSS? or How do I check that the same data input by two people is consistently entered?
5. Explain One-way ANOVA.
6. Explain Two-way ANOVA.



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MSc IT Bridge Course (Post-Test) 2022 – 2023

Q.Attempt any four.

Max Marks – 20

1. How can I read hierarchical data into SPSS?
2. Explain basic descriptive statistic?
3. What is Independent-Samplest Test and Mann-Whitney U Test.
4. How can I compare two data sets in SPSS? or How do I check that the same data input by two people is consistently entered?
5. Explain One-way ANOVA.
6. Explain Two-way ANOVA.



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Incremental growth among slow learners

Sr. No.	Name of the Student	Pre Test Marks	Post Test Marks
1	Pragati Pradip Bajpai	8	15
2	Sauraw Sunil Amolik	6	14
3	Om Singh	10	18
4	Lokesh Patil	8	16
5	Maunish Patil	5	15
6	Govind Vishwakarma	7	17
7	Roshan Koli	6	18
8	Aniket Gautam	10	14
9	Mosmee Pardeshi	7	16



Sonopant Dandekar Shikshan Mandali's
Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

Academic Year – 2022-23

Photos of Bridge Courses



Signature

Head of the Department

Department of Information Technology

Department of physics



Sonopant Dandekar Shikshan Mandali's

**SONOPANT DANDEKAR ARTS, V.S.APTE COMMERCE
AND M.H.MEHTA SCIENCE COLLEGE,**

Palghar, Dist.- Palghar, Pin- 401 404.

Department of Physics

2022-23

Bridge Course
In
PHYSICS
F.Y.BSc.

Prof.B.K.Sakhare
Head,
Department of Physics

Dr. Kiran Save

Principal

Bridge Course Report: 2022-23

INDEX

Sr. No.	Particular	Page No.
1	Notice	1
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6	Attendance of 6 days coaching	6
7	Test Papers	7
8	Mark list	13



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NOTICE

Department of Physics

Bridge Course

All the **F.Y.B.Sc** students are hereby informed that Department of Physics have organized a Bridge Course from 18th July 2022 to 23th July 2022, for those of you who are interested in pursuing a Bachelor's degree in Physics. This course aims to provide you with a solid foundation in the basics of Physics and will help you to develop the necessary skills and knowledge to succeed in this field.

We strongly encourage all students who are planning to take up physics as their major to attend the course. This course is also open to students who are interested in Physics but not necessarily intend to major in it.

Interested students are requested to register their names in Physics department by 13th July 2022.

Prof. B.K. Sakhare
Head,
Department of Physics

Dr. Kiran Save

Principal



Sonopant Dandekar Shikshan Mandali's

**Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar**

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Department of Physics, Sonopant Dandekar Arts College, V.S. Apte Commerce College and M.H. Mehta Science College, Palghar has taken Bridge course for F.Y.B.Sc. student's on 18th July 2022 to 23th July 2022. 23 participants were present for the same.

The aim of the coaching was to enhance the knowledge of the basic so that it will help the students to improve their studies.

The Coaching was conducted for a period of one week on 18th July 2022 to 23th July 2022 in Physics lab (25) by Prof. V.H.Vartak and Prof. H.D.Shenoy.

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Co – Curricular um	Bridge Course	18 th July 2022 to 23 th July 2022 1:50 p.m. to 3:40 p.m.	Physics lab (25)	Prof. V.H.Vartak Prof. H.D.Shenoy	23

Prof.B.K.Sakhare
Head,
Department of Physics

Dr. Kiran Save

Principal

S. D. Arts, V. S. Apte Commerce and M .H. Mehta Science College, Palghar
Department of Physics

BRIDGE COURSE IN PHYSICS

Name of the Course	Bridge Course in Physics 2022-23
Eligible Students	First year B.Sc. students
Duration of the Course	1 Week (12 hours)
Time	1:50 p.m. to 3:40 p.m.
Venue	Physics lab (25)
Date of commencement	18 th July 2022 to 23 th July 2022
Concerned Faculties	Prof. V.H.Vartak, Prof. H.D.Shenoy.

About the Bridge Course This course is specially designed for students to learn basics of Physics. An introductory orientation of subject will clear the concept and will help in creating interest. Sessions will help in understanding the core concepts.

Objectives

- To increase interest among the students for the subject.
- To clear basic concepts.
- To introduce opportunities for students.

Outcome of the Course This course helped students in improving their subject knowledge and develop the confidence among them about understanding the subject with practical and experiments.

S. D. Arts, V. S. Apte Commerce and M .H. Mehta Science College, Palghar
Department of Physics

Syllabus of Bridge Course

	Topic	Subtopics	Hrs.
Module 1	Introduction of Physics		2Hrs
Module 2	Electricity	<ul style="list-style-type: none">• Electric current• Electric Potential and Potential Difference• Ohm's Law and Resistance	2Hrs
Module 3	Magnetism	<ul style="list-style-type: none">• Magnetic Properties of Materials• Permanent Magnets and Electromagnets	2Hrs
Module 4	Work And Energy	<ul style="list-style-type: none">• Introduction to Work• Energy and Types of Energy• Power	2Hrs
Module 5	Laws of Motion	<ul style="list-style-type: none">• Newton's Laws of Motion	2Hrs
Module 6	Light	<ul style="list-style-type: none">• Reflection of Light• Optical Instruments and Human Eye	2Hrs

S. D. Arts, V. S. Apte Commerce and M. H. Mehta Science College, Palghar
Department of Physics

Time Table

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date	18/07/2022	19/07/2022	20/07/2022	21/07/2022	22/07/2022	23/07/2023
Time	1:50p.m. to 3:40p.m.	1:50p.m. to 3:40p.m.	1:50p.m. to 3:40p.m.	1:50p.m. to 3:40p.m.	1:50p.m. to 3:40p.m.	1:50p.m. to 3:40p.m.
Topic	Introduction of Physics	Electricity & Magnetism	Optics	Semicondu ctor Electronics	Atomic & Nuclear Physics	Scope of Physics
Speaker	Prof. H.D.Shenoy	Prof. V.H.Vartak	Prof. H.D.Shenoy	Prof. V.H.Vartak	Prof. H.D.Shenoy	Prof. V.H.Vartak



Prof.B.K.Sakhare
Head,
Department of Physics



Dr. Kiran Save

Principal

S. D. Arts, V. S. Apte Commerce and M. H. Mehta Science College, Palghar
Department of Physics

Bridge Course Day Wise

Daily Attendance Sheet

Sr. No.	NAME	18 JULY 2022	19 JULY 2022	20 JULY 2022	21 JULY 2022	22 JULY 2022	23 JULY 2022
1	DUKALE PRAKASH	Dpk	Dpk	Dpk		Dpk	Dpk
2	GHARAT APURVA	Agharal	Agharal	Agharal	Agharal	Agharal	Agharal
3	YADAV PANKAJ	Pankaj		Pankaj		Pankaj	Pankaj
4	SINGH LUCKYRAJ	Lucky	Lucky	Lucky		Lucky	Lucky
5	PATIL PRUTHVIRAJ	Pruthi	Pruthi	Pruthi		Pruthi	Pruthi
6	THAKUR JANHAVI	Janhavi	Janhavi	Janhavi	Janhavi	Janhavi	Janhavi
7	PANDA SHWETA	Shweta	Shweta		Shweta		Shweta
8	GAIKWAD MANSI	Mansi			Mansi		Mansi
9	GHEGAD PRATIKSHA	P. Ghegad	P. Ghegad		P. Ghegad		P. Ghegad
10	GURAV NANDRESH	Nag	Nag		Nag	Nag	Nag
11	GHARAT DISHA	Disha	Disha	Disha		Disha	Disha
12	SINGH GULSHAN	G. Singh	G. Singh		G. Singh	G. Singh	G. Singh
13	RAYAT ADITYA	Aditya		Aditya	Aditya	Aditya	Aditya
14	MAHATO DEEPAK	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak
15	RANE PRASAD	Ram	Ram		Ram		Ram
16	GUPTA ALOK	Alok	Alok		Alok	Alok	Alok
17	PATIL SANIKA	Sanika	Sanika	Sanika		Sanika	Sanika
18	VARATHA SWAPNIL	SV	SV		SV		SV
19	JADHAV TANISHQ	Tanishq			Tanishq		Tanishq
20	RAUT JAYESH	Jayesh	Jayesh	Jayesh		Jayesh	Jayesh
21	NAIK DISHA	Disha		Disha		Disha	Disha
22	SUMDA JEET	Jeet		Jeet	Jeet	Jeet	Jeet
23	PUJARI MANASI	Manasi	Manasi		Manasi	Manasi	Manasi

Bhale

Head of Department

S.D. Arts, V.S. Apte Commerce and M. H. Mehta Science College Palghar

Department Of Physics

Bridge Course (Pre – Test)

F. Y. BSc. (Physics) 2022-2023

Total Marks: 20

Q. Select the correct option.

- 1) In a p-type semiconductor, the current conduction is due to _____.
a) electron b) holes
- 2) The branch of physics concerned with the structure of the atom and the characteristics of subatomic particle is _____.
a) Atomic Physics b) Wave optics c) Statistical Mechanics
- 3) Electron was invented by _____.
a) Rutherford b) Chadwick c) Thomson
- 4) What is the relation between resistance and current?
a) they are directly related to each other b) they are inversely related to each other
c) the current has greater magnitude than the resistance
- 5) In a _____ bias setup, the p-side of the diode is attached to the positive terminal and n-side is fixed to the negative side of the battery.
a) forward b) reverse
- 6) When a ray of light approaches a smooth polished surface and the light ray bounces back is called _____.
a) reflection b) refraction c) diffraction
- 7) What is S.I. unit of magnetic flux ?
a) ampere b) weber c) tesla
- 8) Atomic mass of chlorine is _____.
a) 34 b) 33 c) 33.5
- 9) _____ is the wavelength of visible light.
a) 800 to 950nm b) 380 to 700nm c) 1000 to 1200 nm
- 10) What is S.I. unit of electric current ?
a) ampere b) weber c) ohm

S. D. Arts, V. S. Apte Commerce and M. H. Mehta Science College, Palghar
Department of Physics

Attendance Report of Bridge Course (Pre-test)

Subject: Physics

Class: F. Y. BSc.

**Sonopant Dandekar Arts College, V. S. Apte Commerce College
 & M. H. Mehta Science College - Palghar**

ATTENDANCE OF CANDIDATES WHO ARE PRESENT FOR THE EXAMINATION

Instructions :
 Junior Supervisor should personally obtain the signature of the Candidate, while checking the Hall Tickets/Fee Receipts.

Supervisor's Name: Hanish D. Shetty Block No.: _____ Room No.: _____
 Examination: Pre test (Bridge Course) Class: P.Y. B.Sc.
 Subject: Physics Paper No.: _____
 Examination Seat No.s from _____ to _____ (Total _____)
 Date: 18/01/22

Session I / II

Serial No	Examination Seat No.	Me- dium	Signature of the Candidates	Serial No	Examination Seat No.	Me- dium	Signature of the Candidates
1	2004		<u>D.P.</u>	26			
2	2118		<u>Bhavanit</u>	27			
3	90213		<u>Pooja</u>	28			
4	90225		<u>Yash</u>	29			
5	90205		<u>Pratik</u>	30			
6	2132		<u>Pratik</u>	31			
7	2109		<u>Shubha</u>	32			
8	2095		<u>Manasi</u>	33			
9	2053		<u>P. Ghogad</u>	34			
10	2007		<u>Raj</u>	35			
11	2017		<u>Disha</u>	36			
12	90209		<u>Geetika</u>	37			
13	90194		<u>Pratik</u>	38			
14	2062		<u>Deepak</u>	39			
15	90238		<u>Ram</u>	40			
16	90207		<u>Pratik</u>	41			
17	2016		<u>SP</u>	42			
18	2006		<u>SV</u>	43			
19	90192		<u>Sanika</u>	44			
20	90240		<u>Pratik</u>	45			
21	90242		<u>Pratik</u>	46			
22	90208		<u>Pratik</u>	47			
23	90224		<u>Manasi</u>	48			
24				49			
25				50			

(Total Number of Candidates Present 23)

Date: 18/01/22 Senior Supervisor _____ Junior Supervisor Hanish D. Shetty

S. D. Arts, V. S. Apte Commerce and M. H. Mehta Science College, Palghar

Department of Physics

Janhavi Mahendra Thakur Roll no-2132

S.D. Arts, V.S. Apte Commerce and M. H. Mehta Science College Palghar
Department Of Physics

Bridge Course (Pre – Test)
F. Y. BSc. (Physics) 2022-2023 Total Marks: 20

Q. Select the correct option.

1) In a p-type semiconductor, the current conduction is due to _____
a) electron b) holes

2) The branch of physics concerned with the structure of the atom and the characteristics of subatomic particle is _____
 a) Atomic Physics b) Wave optics c) Statistical Mechanics

3) Electron was invented by _____
a) Rutherford b) Chadwick c) Thomson

4) What is the relation between resistance and current?
a) they are directly related to each other b) they are inversely related to each other
c) the current has greater magnitude than the resistance

5) In a _____ bias setup, the p-side of the diode is attached to the positive terminal and n-side is fixed to the negative side of the battery.
a) forward b) reverse

6) When a ray of light approaches a smooth polished surface and the light ray bounces back is called _____
 a) reflection b) refraction c) diffraction

7) What is S.I. unit of magnetic flux ?
a) ampere b) weber c) tesla

8) Atomic mass of chlorine is _____
a) 34 b) 33 c) 33.5

9) _____ is the wavelength of visible light.
a) 800 to 950nm b) 380 to 700nm c) 1000 to 1200 nm

10) What is S.I. unit of electric current ?
a) ampere b) weber c) ohm

18/20

Luckyraj Singh 90225

S.D. Arts, V.S. Apte Commerce and M. H. Mehta Science College Palghar
Department Of Physics

Bridge Course (Pre – Test)
F. Y. BSc. (Physics) 2022-2023 Total Marks: 20

Q. Select the correct option.

1) In a p-type semiconductor, the current conduction is due to _____
a) electron b) holes

2) The branch of physics concerned with the structure of the atom and the characteristics of subatomic particle is _____
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 a) reflection b) refraction c) diffraction

7) What is S.I. unit of magnetic flux ?
a) ampere b) weber c) tesla

8) Atomic mass of chlorine is _____
a) 34 b) 33 c) 33.5

9) _____ is the wavelength of visible light.
a) 800 to 950nm b) 380 to 700nm c) 1000 to 1200 nm

10) What is S.I. unit of electric current ?
 a) ampere b) weber c) ohm

16/20

S.D. Arts, V.S. Apte Commerce and M. H. Mehta Science College Palghar

Department Of Physics

Bridge Course (Post – Test)

F. Y. BSc. (Physics) 2022-2023

Total Marks: 20

Q. Select the correct option.

- 1) In semiconductor, what is responsible for conduction?
a) Electrons only b) Holes only c) Both electrons and holes
- 2) Proton was discovered by _____.
a) Rutherford b) Chadwick c) Thomson
- 3) What is S.I. unit of pressure energy?
a) Watt b) Nm c) Joule
- 4) Magnetic force is given by _____.
a) $F = qvB\cos\theta$ b) $F = qvB\sin\theta$ c) $F = qvB\tan\theta$
- 5) Which branch of physics is most important when studying how glasses help people see ?
a) Mechanics b) Optics c) Thermodynamics
- 6) Which of these branches of physics deal with heat and temperature and their relation to energy and work?
a) Mechanics b) Atomic Physics c) Thermodynamics
- 7) What type of waves are light wave?
a) Transverse wave b) Longitudinal wave c) Both transverse and longitudinal
- 8) Kirchoff's laws for analyzing electrical circuits are based on the conservation of:
a) Mass and charge b) momentum and energy c) charge and energy
- 9) Maximum magnetic force of a magnet is at _____.
a) North pole b) At both poles c) South poles
- 10) How much more heat is produced if the current is doubled?
a) Twice the original amount b) Thrice the original amount c) Four times the original amount

**S. D. Arts, V. S. Apte Commerce and M. H. Mehta Science College, Palghar
Department of Physics**

Attendance Report of Bridge Course (Post-test)

Subject: Physics

Class: F. Y. BSc.

**Sonopant Dandekar Arts College, V. S. Apte Commerce College
& M. H. Mehta Science College - Palghar**

ATTENDANCE OF CANDIDATES WHO ARE PRESENT FOR THE EXAMINATION

Instructions :
Junior Supervisor should personally obtain the signature of the Candidate, while checking the Hall Tickets/Fee Receipts.

Supervisor's Name : Vedant Navtals Block No.: _____ Room No.: _____
 Examination Post Test (Bridge Course) Class : F.Y.BSc
 Subject : Physics Paper No.: _____
 Examination Seat No.s from _____ to _____ (Total _____)
 Date : 20/07/22

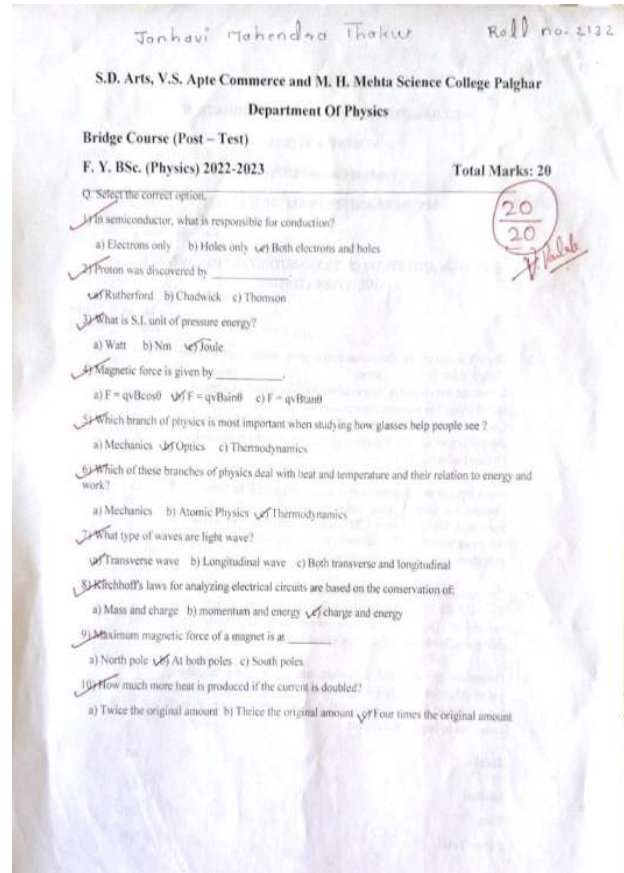
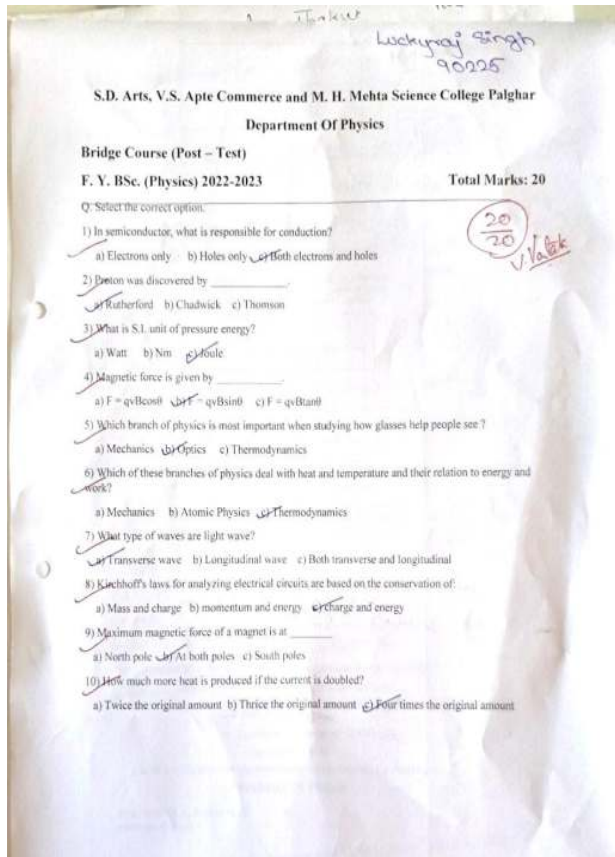
Session I / II

Serial No	Examination Seat No.	Medium	Signature of the Candidates	Serial No	Examination Seat No.	Medium	Signature of the Candidates
1	2004		<u>[Signature]</u>	26			
2	2118		<u>[Signature]</u>	27			
3	90213		<u>[Signature]</u>	28			
4	90225		<u>[Signature]</u>	29			
5	90205		<u>[Signature]</u>	30			
6	2132		<u>[Signature]</u>	31			
7	2109		<u>[Signature]</u>	32			
8	2053		<u>[Signature]</u>	33			
9	2001		<u>[Signature]</u>	34			
10	2017		<u>[Signature]</u>	35			
11	90209		<u>[Signature]</u>	36			
12	90194		<u>[Signature]</u>	37			
13	2062		<u>[Signature]</u>	38			
14	90238		<u>[Signature]</u>	39			
15	90207		<u>[Signature]</u>	40			
16	2016		<u>[Signature]</u>	41			
17	2006		<u>[Signature]</u>	42			
18	90192		<u>[Signature]</u>	43			
19	90242		<u>[Signature]</u>	44			
20	90208		<u>[Signature]</u>	45			
21	2095		<u>[Signature]</u>	46			
22	90224		<u>[Signature]</u>	47			
23	90240		<u>[Signature]</u>	48			
24				49			
25				50			

(Total Number of Candidates Present 29)

Date : 20/07/22 Senior Supervisor _____ Junior Supervisor [Signature]

S. D. Arts, V. S. Apte Commerce and M. H. Mehta Science College, Palghar
Department of Physics



S. D. Arts, V. S. Apte Commerce and M. H. Mehta Science College, Palghar

Department of Physics

Incremental growth among slow learners

Sr. No.	Name of Student	Pre Test Marks	Post Test Marks
1	DUKALE PRAKASH		
2	GHARAT APURVA	08	14
3	YADAV PANKAJ	12	16
4	SINGH LUCKYRAJ	14	18
5	PATIL PRUTHVIRAJ	16	20
6	THAKUR JANHAVI	12	18
7	PANDA SHWETA	16	20
8	GAIKWAD MANSI	12	12
9	GHEGAD PRATIKSHA	06	08
10	GURAV NANDRESH	08	14
11	GHARAT DISHA	10	16
12	SINGH GULSHAN	12	16
13	RAYAT ADITYA	06	14
14	MAHATO DEEPAK	06	12
15	RANE PRASAD	16	18
16	GUPTA ALOK	08	16
17	PATIL SANIKA	12	16
18	VARATHA SWAPNIL	08	14
19	JADHAV TANISHQ	12	12
20	RAUT JAYESH	10	16
21	NAIK DISHA	16	18
22	SUMDA JEET	08	08
23	PUJARI MANASI	12	18
		08	24

Bhale

Head of the Department

S. D. Arts, V. S. Apte Commerce and M .H. Mehta Science College, Palghar
Department of Physics

Photos of Bridge Course (2022-23)

Class: F.Y.B.Sc.

Date: 20/07/2022





**SONOPANT DANDEKAR ARTS, V.S.APTE COMMERCE AND
M.H.MEHTA SCIENCE COLLEGE,**

Palghar, Dist.- Palghar, Pin- 401 404.

Department of Physics

2022-23

Bridge Course
On
Microprocessor and Microcontrollers
M. Sc. Part I

Prof. B. K. Sakhare

Head,

Department of Physics

Dr. Kiran Save

Principal

Bridge Course Report: 2022-23

Table of Content

Sr. No.	Particulars	Page No.
1	Notice	
2	Report of the program	
3	Course Plan	
4	Syllabus	
5	Time Table	
6	Attendance of one week bridge course	
7	Test Papers	
8	Mark list	
9	Google Form Link	
10	Attendance of test Photos	
11	Course Content	



Sonopant Dandekar Shikshan Mandali's

Sonopant Dandekar Arts, V. S. Apte Commerce
& M. H. Mehta Science College, Palghar

(Best College - University of Mumbai)

(Amongst Top 100 Colleges in India by 'India Today - MDRA Survey 2019')

Date: 05/08/2022

NOTICE

Department of Physics

BRIDGE COURSE

On

Microprocessor and Microcontroller

All M. Sc. Part I Students are hereby informed that Department of physics is commencing bridge course on “**Microprocessor and Microcontroller**” from 22 August 2022. Enrollment for the above course should be done on or before 10-08-2022 through the Google form link given below. For the payment of course Fee Rs.100/- payment link will be provided after the completion of registration process.

After successful completion of the course, Participants will get Certificate from College.

Google form link for the Registration:

https://docs.google.com/forms/d/e/1FAIpQLSdcMjN0KYcJ9mfgqtASxAnr_glSNZR_UuWCByp2x0_tkfyin2g/viewform?usp=pp_url



Prof. B. K. Sakhare

Head,

Department of Physics



Dr. Kiran Save

Principal

S. D. Arts, V. S. Apte Commerce and M. H. Mehta Science College, Palghar

Department of Physics

Bridge Course

On

Microprocessor and Microcontroller

Program Report

Department of Physics, Sonopant Dandekar Arts College, V.S. Apte Commerce College and M.H. Mehta Science College, Palghar has taken Bridge course for M.Sc. students on 22st August 2022 to 27th August 2022. 12 participants were present for the same.

The aim of the coaching was to enhance the knowledge of the basic so that it will help the students to improve their studies.

The Coaching was conducted for a period of one week on 22th to 27th August 2022 through offline (Room No. 25) by Prof. Sapna Jadhav and Prof. Utkarsha Save.

Type of Activity	Topic	Date and Time	Place of Event	Coordinator	Number of Participants
Co – Curriculum	Bridge Course On Microprocessor and Microcontroller	22st August 2022 to 27 th August 2022 1:50 p.m. to 3:50 p.m.	Room No. 25	Prof. Sapna Jadhav Prof. Utkarsha Save	12

MICROPROCESSORS & MICROCONTROLLERS
(COURSE PLANNER)

I. COURSE OVERVIEW:

To make the students understand Microprocessor in order to educate them with the necessary basic concepts in the field of Microprocessor & Microcontroller to be used in industries, research field and in commercial field applications.

II. PREREQUISITES:

- Computer Organization basics
- Computer Networks basics
- Number systems & digital logic design concepts
- Basic compilation process

III. COURSE OBJECTIVE:

- To develop an understanding of the operations of microprocessors and microcontrollers; machine language programming

IV. COURSE OUTCOMES:

Sr. No.	DESCRIPTION	BLOOM'S TAXONOMY LEVEL
1	Understand the internal architecture and organization of 8085	Knowledge, Understand (Level 1, Level 2)
2	Analyze the Assembly language programs of 8085	Develop (Level 4)
3	Analyze the internal architecture and real time control of 8051	Analyze, knowledge (Level 1, Level 4)
4	Analyze the Assembly language programs of 8051	Discuss (Level 1)

V. HOW PROGRAM OUTCOMES ARE ASSESSED:

PROGRAM OUTCOMES (PO)		LEVEL	Proficiency assessedBy
PO1	Technical Knowledge	2	Assignments
PO2	Problem Analysis	2	Assignments
PO3	Design/Development of Solutions	2	Assignments
PO4	Modern tool usage	2	Practical
PO5	Individual and team work	2	Practical

**1: Slight
(Low)**

**2: Moderate
(Medium)**

**3: Substantial
(High)**

- : None

VI. HOW PROGRAM SPECIFIC OUTCOMES ARE ASSESSED

PROGRAM SPECIFIC OUTCOMES (PSO)		LEVEL	Proficiency assessed By
PSO1	Talented to analyze, design, and implement electrical& electronics systems and deal with the rapid pace of industrial innovations and developments.	2	Lectures, Assignments
PSO2	Skillful to use application and control techniques for research and advanced studies in Electrical & Electronics Engineering domain.	2	Lectures, Assignments

VII. SYLLABUS:

MICROPROCESSORS AND MICRO CONTROLLERS

Module	Topic	Subtopics	Hrs.
Module 1	8085 Architecture:	8085 Architecture-Functional diagram, Register Organization, Memory Segmentation, Programming Model, Memory addresses, Physical Memory Organization, Architecture of 8085, Signal descriptions of 8085, interrupts of 8085.	3
Module 2	Instruction Set and Assembly Language Programming of 8085:	Instruction formats, Addressing modes, Instruction Set, Assembler Directives, Macros, and Simple Programs involving Logical, Branch and Call Instructions, Machine and control Instructions.	3
Module 3	Introduction to Microcontrollers	Overview of 8051 Microcontroller, Architecture, I/O Ports, Memory Organization, Addressing Modes and Instruction set of 8051.	3
Module 4	8051 Real Time Control	Programming Timer Interrupts, Programming External Hardware Interrupts, Programming the Serial Communication Interrupts, Programming 8051 Timers and Counters.	3

SUGESSTED BOOKS

TEXT BOOKS:

1. Advanced Microprocessors and Peripherals – A. K. Ray and K.M. Bhurchandani, MHE, 2nd Edition 2006.
2. The 8051 Microcontroller, Kenneth. J. Ayala, Cengage Learning, 3rd Ed.

REFERENCE BOOKS:

1. Microprocessors and Interfacing, D. V. Hall, MGH, 2nd Edition 2006.
2. Introduction to Embedded Systems, Shibu K.V, MHE, 2009
3. The 8051 Microcontrollers, Architecture and Programming and Applications -K.Uma Rao, Andhe Pallavi, Pearson, 2009.

VIII. COURSE PLAN(WEEK-WISE):

Session	Topic	Course Learning outcomes
1	Introduction, 8085 architecture	Know about the overall subject, Gain the knowledge about 8086
2	Register organization	Gain the knowledge about, Register organization
	Flag register organization	Gain the knowledge about flag, Register organization
3.	Architecture of 8085	Gain the knowledge about 8085
	Interrupts of 8085	Understand the interrupts of 8085
	Instruction formats	Understand the instruction formats of 8085
4	Addressing modes, Instruction Set	Compare the addressing modes of 8085 Understand the instruction set of 8085
5.	Simple Programs on Instructions Set of 8085	Analyze the simple programs
6	Introduction to Microcontrollers	Gain the knowledge of micro controllers
7	Overview of 8051 Microcontroller	Understand the overview
8	Architecture, I/O Ports,	Understand the Architecture, I/O Ports, Memory Organization of 8051.
9	Memory Organization, Addressing Modes and Instruction set of 8051.	Compare the addressing modes of 8051, Understand the instruction set of 8051
10	Programming Timer Interrupts, Programming External Hardware Interrupts	Analyze the simple programs
11	Programming the Serial Communication Interrupts, Programming 8051 Timers and Counters	Analyze the simple programs

12	MOCK TEST-1	Testing the student knowledge
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QUESTION BANK:

Short Answer Questions

S.NO	Questions	Blooms Taxonomy Level	Course Outcome
1	What do you understand by microprocessor?	Understanding	1
2	What do you understand by OP CODE and OPERAND?	Understanding	1
3	What is the function of flag register?	Understanding	1
4	What do you understand by assembler directives?	Understanding	1
5	What do you understand by addressing modes? Give example.	Understanding	1
6	What is microcontroller?	Understanding	3
7	Give an example of direct and indirect addressing mode of 8051.	Apply	3
8	What are the interrupt lines present in 8051?	Understanding	3
9	What is serial data transfer techniques.	Understanding	3
10	Describe the ports of 8051.	Understanding	3

Long Answer Questions

S.NO	Questions	Blooms Taxonomy Level	Course Outcome
1	Explain with a neat diagram the architecture of 8085 processor	Analyze	1

	and 8051 controller		
2	What is the purpose of flag register in 8085? Explain the different bits of flag register in 8085.	Analyze	1
3	Explain the different addressing modes of 8051 with an example.	Analyze	1

S. D. Arts, V. S. Apte Commerce and M. H. Mehta Science College, Palghar

Department of Physics

Time Table

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date	22/08/2022	23/08/2022	24/08/2022	25/08/2022	26/08/2022	27/08/2022
Time	1:50p.m. to 2:50p.m.	1:50p.m. to 2:50p.m.	1:50p.m. to 2:50p.m.	1:50p.m. to 2:50p.m.	1:50p.m. to 2:50p.m.	1:50p.m. to 2:50p.m.
Topic	Module I	Module I and II	Module II	Module II and III	Module II	Module IV
Speaker	Prof. Sapna Jadhav	Prof. Utkarsha Save	Prof. Sapna Jadhav	Prof. Utkarsha Save	Prof. Sapna Jadhav	Prof. Utkarsha Save



Prof. B. K. Sakhare

Head,

Department of Physics



Dr. Kiran Save

Principal

S. D. Arts, V. S. Apte Commerce and M. H. Mehta Science College,

Palghar-401404

Department of Physics

Bridge Course

On

Microprocessor and Microcontroller

Daily Attendance Sheet

Subject: Physics

Class: M.Sc. I

Name of the Teacher: Prof. Sapna Jadhav/
Prof. Utkarsha Save

Time – 1:50 p.m. To 3:50p.m.

Sr. No	Roll No.	Name Of The Student	22/08/2022	23/08/2022	24/08/2022	25/08/2022	26/08/2022	27/08/2022
1	44001	VIKAS KAKAD	P	A	P	P	P	P
2	44002	PRATHMESH BHAGUL	P	P	P	P	P	P
3	44003	PINKI HARIJAN	P	A	P	P	P	P
4	44006	KAIKALA GAVALI	P	P	P	P	P	P
5	44007	GURGAMATI KADU	P	P	P	P	P	P
6	44008	ADESH BARAF	P	A	P	P	A	P
7	44009	BHAVIK CHURI	P	P	P	P	P	P
8	44012	RAJLAXMI TIWARI	P	P	P	P	P	P
9	44013	KARTIK KOKITKAR	P	A	P	P	P	P
10	44014	NITIN DESAI	P	P	P	P	P	P
11	44016	TANESH WAGH	P	P	P	P	P	P
12	44018	PRAMOD TUMBADER	P	P	A	P	P	P

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COLLEGE,**

Palghar, Dist.- Palghar, Pin- 401 404.

Department of Physics

Bridge Course (Pre – Test)

Microprocessor and Microcontroller

M.Sc. I (Physics) 2022-2023

Total Marks: 20

Q. Multiple Choice Questions (Each Question 2 M)

1. What is the word length of an 8-bit microprocessor?
 - i) 8-bits – 64 bits
 - ii) 4-bits – 32 bits
 - iii) 8-bits – 16 bits
 - iv) 8-bits – 32 bits

2. Which of the following is true about microprocessors?
 - i) It has an internal memory
 - ii) It has interfacing circuits
 - iii) It contains ALU, CU, and registers
 - iv) It uses Harvard architecture

3. 8051 series has how many 16 bit registers?
 - i) 2 ii) 3 iii) 1 iv) 0

4. The microprocessor of a computer can operate on any information if it is present in _____ only.
 - i) Program Counter ii) Flag iii) Main Memory iv) Secondary Memory

5. Which of the following is a type of microprocessor?

i) CISC ii) RISC iii) EPIC iv) All of the mentioned

6. Which of the following is not true about the address bus?

i) It consists of control PIN 21 to 28

ii) It is a bidirectional bus

iii) It is 16 bits in length

iv) Lower address bus lines ($AD_0 - AD_7$) are called "Line number"

7. When 8051 wakes up then 0x00 is loaded to which register?

i) PSW

ii) SP

iii) PC

iv) None of the mentioned

8. The ports are present in 8051 isbit.

i) 8

ii) 6

iii) 16

iv) 5

9. How many bytes of bit addressable memory present in 8051 based microcontrollers?

i) 8 bytes

ii) 32 bytes

iii) 16 bytes

iv) 128 bytes

10. If we push data onto the stack then the stack pointer

i) increases with every push

ii) decreases with every push

iii) increases & decreases with every push

iv) none of the mentioned

**SONOPANT DANDEKAR ARTS, V.S.APTE COMMERCE AND M.H.MEHTA SCIENCE
COLLEGE,**

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Department of Physics

Bridge Course (Post – Test)

Microprocessor and Microcontroller

MSc. I (Physics) 2022-2023

Total Marks: 20

Answers the followings Questions (Each Question 2 M)

1. Explain the different string manipulation operations of 8086 with a example each
2. Explain the different addressing modes of 8051.
3. Explain with a pin diagram the different pins and their functionalities in 8051.
4. What do you understand by addressing modes of 8086? Give example.
5. Give an example of direct and indirect addressing mode of 8051.
6. Describe the ports of 8051.
7. Explain the different Arithmetic and logical instructions of 8051 with an example for each of the instructions.
8. Explain in brief about Keyboard Interface.

S. D. Arts, V. S. Apte Commerce and M. H. Mehta Science College, Palghar

Department of Physics

Incremental growth of Bridge Course Learners

Sr. No	Roll No.	Name of the Student	Pre-Test Marks	Post-Test Marks
1	44001	VIKAS KAKAD	07	16
2	44002	PRATHMESH BHAGUL	05	13
3	44003	PINKI HARIJAN	05	14
4	44006	KAIKALA GAVALI	04	14
5	44007	GURGAMATI KADU	03	12
6	44008	ADESH BARAF	07	18
7	44009	BHAVIK CHURI	08	18
8	44012	RAJLAXMI TIWARI	09	18
9	44013	KARTIK KOKITKAR	03	14
10	44014	NITIN DESAI	09	18
11	44016	TANESH WAGH	06	16
12	44018	PRAMOD TUMBADER	04	12

S. D. Arts, V. S. Apte Commerce and M. H. Mehta Science College, Palghar
Department of Physics

Bridge Course

On

Google Form link of Test Paper

Bridge Course (Pre – Test)- <https://forms.gle/MVGYonGcY5f4wsxX6>

S. D. Arts, V. S. Apte Commerce and M. H. Mehta Science College, Palghar
Department of Physics

Bridge Course
On
Microprocessor and Microcontroller
Test Attendance

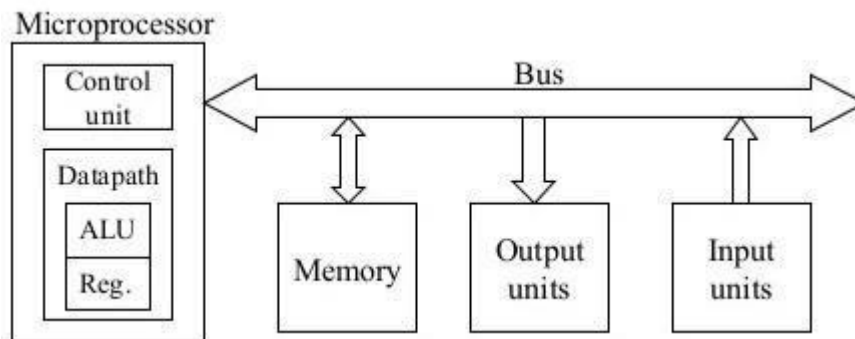
Photo



Bridge Course
On
Microprocessor and Microcontroller

Course Content

MICROPROCESSOR BASED SYSTEM:



A microprocessor-based system consists primarily of three components-the microprocessor unit (MPU), Memory and I/O (input / output). The MPU is the central player; it communicates with memory and I/O devices. Processes data, and controls timing of all its operations. Memory and IIOs are integral parts of a microprocessor-based system.

The steps in performing these MPU operations can be summarized as follows (not necessarily in the order listed in every operation):

1. Identify the memory location or the peripheral with its address.
2. Provide timing or synchronization signal.
3. Transfer binary data

Therefore, the MPU requires three sets of communication lines called buses: the first group of lines, called the address bus, to identify the memory location; the second group, called the data bus, to transfer data; and the third group, called the control lines, for timing signals.

ADDRESS BUS:

If the address size is 4 bits, the microprocessor can identify 16 (2⁴) different memory locations. The addressing is simply a numbering scheme to identify memory registers. For example, a two-digit decimal numbering scheme can identify only 100 items, from 00 to 99. On the other hand, a four-digit numbering scheme can identify 10,000 items, from 0000 to 9999. Thus, the number of bits (address

Lines) used for addressing by the MPU clearly determines the number of memory registers it can identify.
If there are n no of address line 2^n memory locations

DATA BUS:

These lines are used to transfer data and are bidirectional-data can flow either direction. These lines are identified as D_0 to D_n where n signifies the most significant bit (MSB) of the data bus. Again, the size of the data bus determines how large a binary number can be transferred and processed at a time and thus influences the microprocessor architecture considerably

CONTROL BUS:

These are individual signal lines generated by the MPU to indicate its operations. The MPU generates a specific signal for each of its four operations-Memory Read, Memory Write, I/O Read, and I/O Write. These are timing signals that are used to enable, or activate, peripherals. For example, to fetch (or read) an instruction from a memory location, the MPU sends a timing pulse called Memory Read to enable the memory chip.

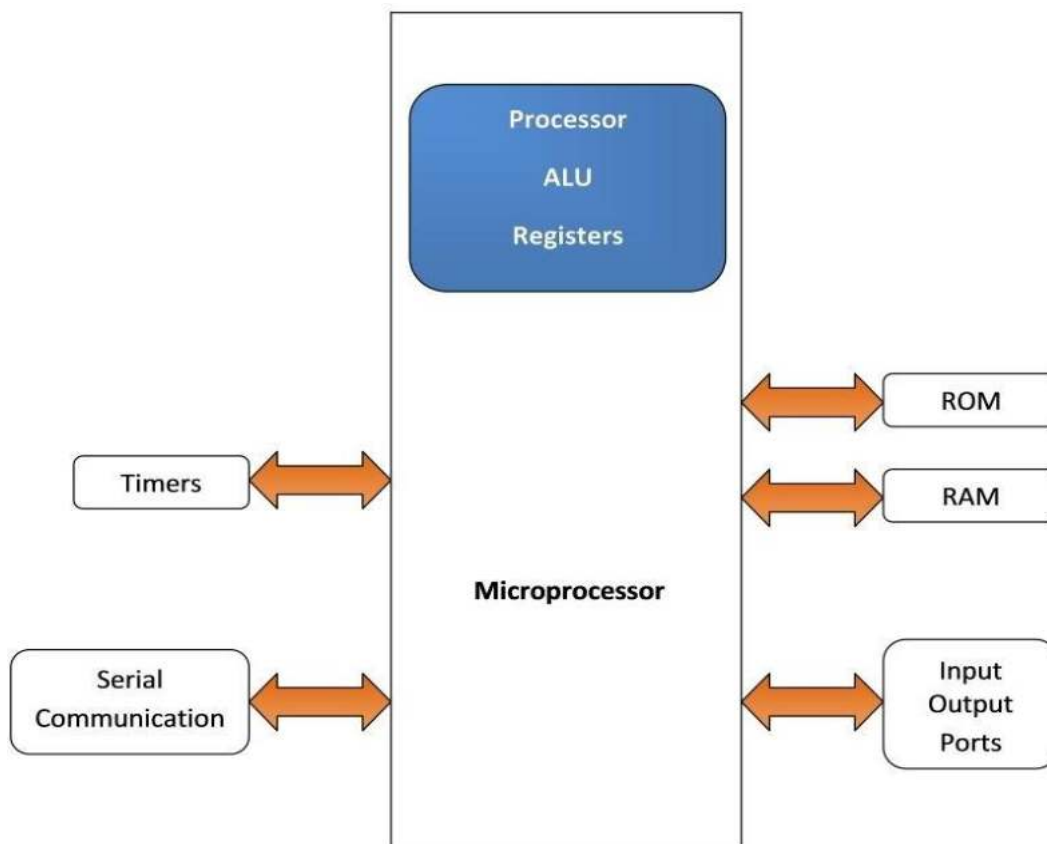


Fig: Microprocessor Basic

block diagram INTRODUCTION TO MICRO

CONTROLLERS 8051:

To make a complete microcomputer system, only microprocessor is not sufficient. It is necessary to add other peripherals such as ROM, RAM, decoders, drivers, number of I/O devices to make a

complete microcomputer system. In addition, special purpose devices, such as interrupt controller,

programmable timers, programmable I/O devices, DMA controllers may be added to improve the capability and performance and flexibility of a microcomputer system.

The key feature for microprocessor based design is that it has more flexibility to configure a system as large system or small system by adding suitable peripherals.

On the other hand, the microcontroller incorporates all the features that are found in microprocessor. The microcontroller has built-in ROM, RAM, parallel I/O, serial I/O, counters and a clock circuit. It has on-chip peripheral devices which makes it possible to have single microcomputer system. **Advantages of built-in peripherals:**

- Built-in peripherals have smaller access times hence speed is more.
- Hardware reduces due to single chip microcomputer system.
- Less hardware reduces PCB size and increases reliability of the system.

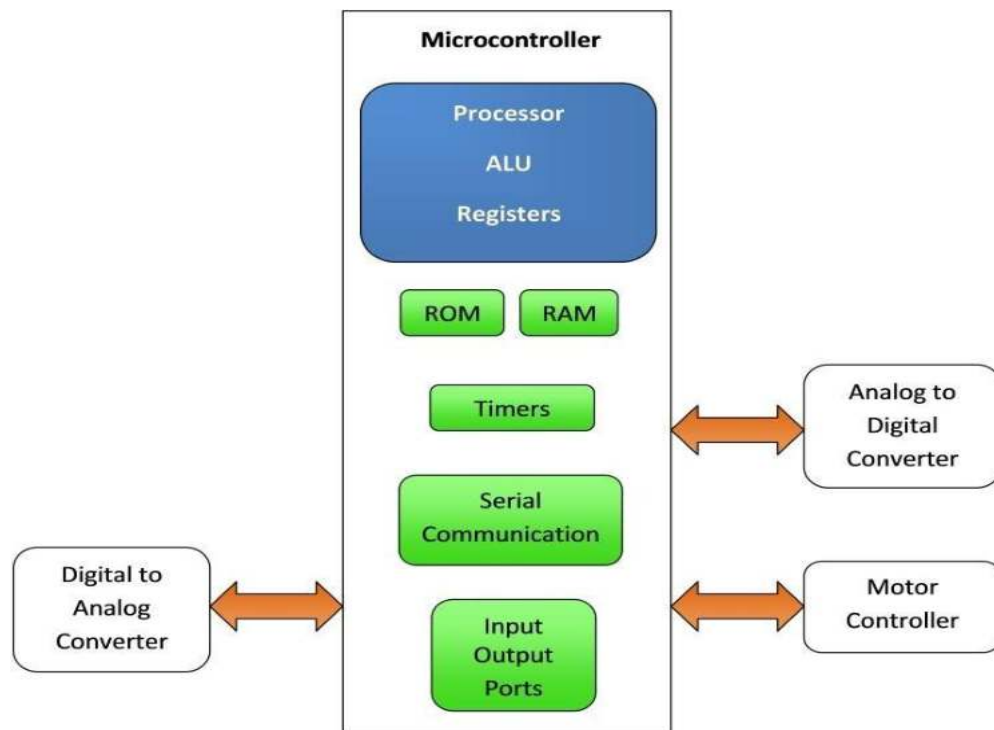


Fig: Microcontroller basic block

diagram Difference between Microprocessor and microcontroller:

1. Key difference in both of them is presence of external peripheral, where microcontrollers have RAM, ROM, EEPROM embedded in it while we have to use external circuits in case of microprocessors.
2. As all the peripheral of microcontroller are on single chip it is compact while microprocessor is bulky.

3. Microcontrollers are made by using complementary metal oxide semiconductor technology so they are far cheaper than microprocessors. In addition the applications made with microcontrollers are cheaper because they need lesser external components, while the overall cost of systems made with microprocessors are high because of the high number of external components required for such systems.

4. Processing speed of microcontrollers is about 8 MHz to 50 MHz, but in contrary processing speed of general microprocessors is above 1 GHz so it works much faster than microcontrollers.

5. Generally microcontrollers have power saving system, like idle mode or power saving mode so overall it uses less power and also since external components are low overall consumption of power is less. While in microprocessors generally there is no power saving system and also many external components are used with it, so its power consumption is high in comparison with microcontrollers.

6. Microcontrollers are compact so it makes them favorable and efficient system for small products and applications while microprocessors are bulky so they are preferred for larger applications.

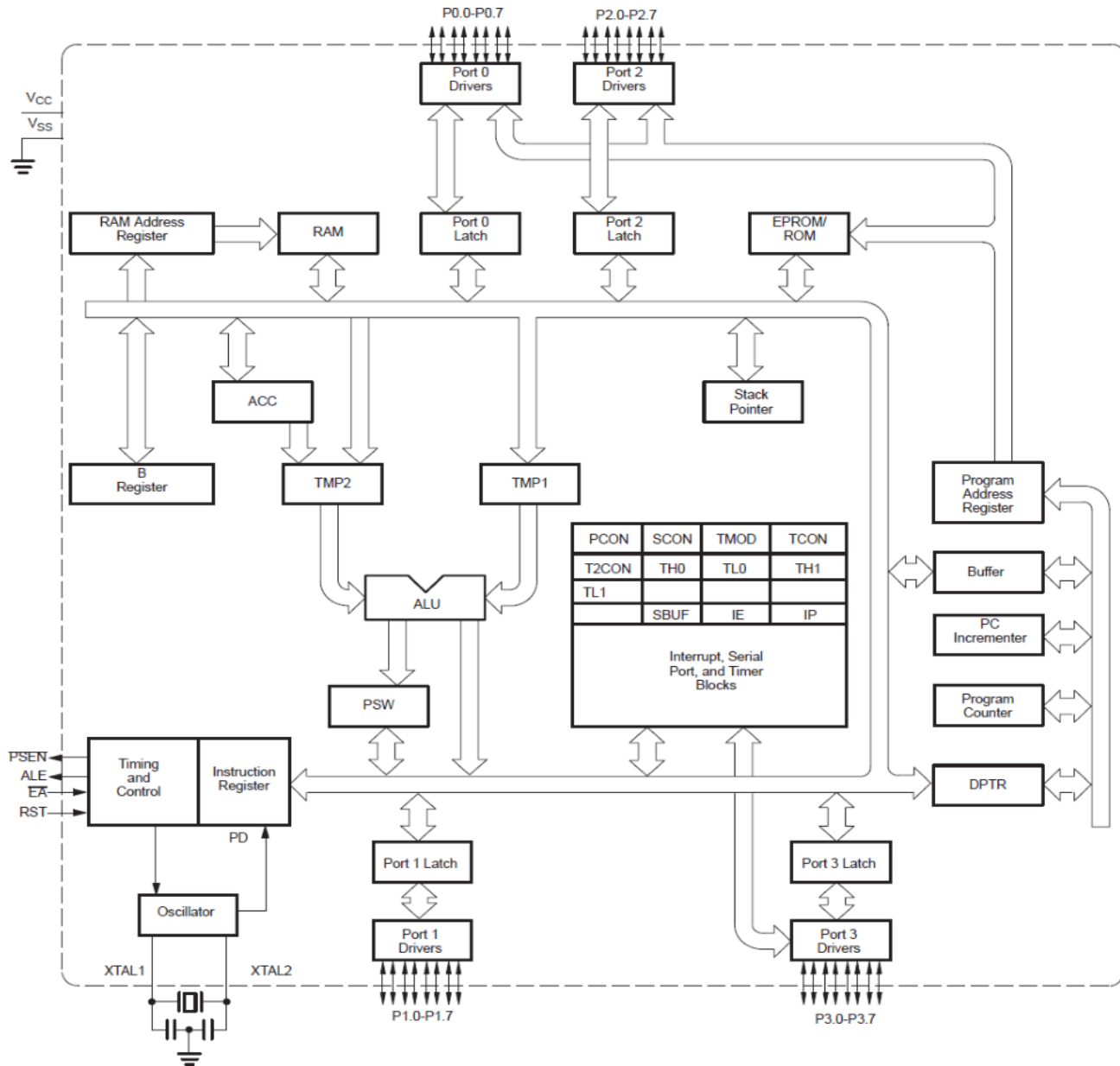
7. Tasks performed by microcontrollers are limited and generally less complex. While task performed by microprocessors are software development, Game development, website, documents making etc. which are generally more complex so require more memory and speed so that's why external ROM, RAM are used with it.

8. Microcontrollers are based on Harvard architecture where program memory and data memory are separate while microprocessors are based on von Neumann model where program and data are stored in same memory module.

Features of 8051:

- 4KB on-chip program memory (ROM/EPROM).
- 128 bytes on-chip data memory.
- Four register banks.
- 64KB each program and external RAM addressability.
- One microsecond instruction cycle with 12MHz crystal.
- 32 bidirectional I/O lines organized as four 8-bit ports.
- Multiple modes, high-speed programmable serial port (UART).
- 16-bit Timers/Counters.
- Direct byte and bit addressability.

Block Diagram of 8051:



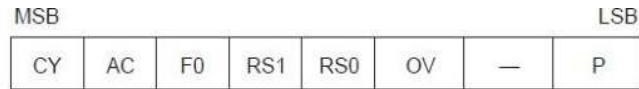
Accumulator: The Accumulator, as its name suggests, is used as a general register to accumulate the results of a large number of instructions. It can hold an 8-bit (1-byte) value.

'B' Register: The "B" register is very similar to the Accumulator in the sense that it may hold an 8-bit (1-byte) value. The "B" register is only used by two 8051 instructions: MUL AB and DIV AB.

Aside from the MUL and DIV an instruction, the "B" register is often used as yet another temporary storage register much like a ninth "R" register.

Program Status Word

The PSW register contains program status information. It is a 8-bit flag register, out of 8-bits 6 bits are used and 2 bits are reserved. Out of 6 bits 4 bits are conditional bits and 2 bits are used for selecting register bank.



BIT	SYMBOL	FUNCTION
PSW.7	CY	Carry flag.
PSW.6	AC	Auxilliary Carry flag. (For BCD operations.)
PSW.5	F0	Flag 0. (Available to the user for general purposes.)
PSW.4	RS1	Register bank select control bit 1. Set/cleared by software to determine working register bank. (See Note.)
PSW.3	RS0	Register bank select control bit 0. Set/cleared by software to determine working register bank. (See Note.)
PSW.2	OV	Overflow flag.
PSW.1	—	User-definable flag.
PSW.0	P	Parity flag. Set/cleared by hardware each instruction cycle to indicate an odd/even number of "one" bits in the Accumulator, i.e., even parity.

NOTE: The contents of (RS1, RS0) enable the working register banks as follows:

(0,0) — Bank 0	(00H–07H)
(0,1) — Bank 1	(08H–0FH)
(1,0) — Bank 2	(10H–17H)
(1,1) — Bank 3	(18H–1FH)

Stack Pointer

The Stack Pointer register is 8 bits wide. It is incremented before data is stored during PUSH and CALL executions. While the stack may reside anywhere in on-chip RAM, the Stack Pointer is initialized to 07H after a reset. This causes the stack to begin at locations 08H.

Data Pointer: The Data Pointer (DPTR) consists of a high byte (DPH) and a low byte (DPL). Its intended function is to hold a 16-bit address. It may be manipulated as a 16-bit register or as two independent 8-bit registers.

Program Counter

The Program Counter (PC) is a 2-byte address which tells the 8051 where the next instruction to execute is found in memory. When the 8051 is initialized PC always starts at 0000h and is incremented each time an instruction is executed. It is important to note that PC isn't always incremented by one. Since some instructions require 2 or 3 bytes the PC will be incremented by 2 or 3 in these cases.

The Program Counter is special in that there is no way to directly modify its value. That is to say, we can't do something like PC=2430h. On the other hand, if we execute LJMP 2430h you've effectively accomplished the same thing.

Ports 0 to 3

P0, P1, P2, and P3 are the SFR latches of Ports 0, 1, 2, and 3, respectively. Writing a one to a bit of a port SFR (P0, P1, P2, or P3) causes the corresponding port output pin to switch high. Writing a zero causes

the port output pin to switch low. When used as an input, the external state of a port pin will be held in

the port SFR (i.e., if the external state of a pin is low, the corresponding port SFR bit will contain a 0; if it is high, the bit will contain a 1).

Serial Data Buffer

The Serial Buffer is actually two separate registers, a transmit buffer and a receive buffer. When data is moved to SBUF, it goes to the transmit buffer and is held for serial transmission. (Moving a byte to SBUF is what initiates the transmission.) When data is moved from SBUF, it comes from the receive buffer.

Timer Registers Basic to 80C51

Register pairs (TH0, TL0), and (TH1, TL1) are the 16-bit Counting registers for Timer/Counters 0 and 1, respectively.

Control Register for the 80C51

Special Function Registers IP, IE, TMOD, TCON, SCON, and PCON contain control and status bits for the interrupt system, the Timer/Counters, and the serial port.

Register Banks: The 8051 uses 8 "R" registers which are used in many of its instructions. These "R" registers are numbered from 0 through 7 (R0, R1, R2, R3, R4, R5, R6, and R7). These registers are generally used to assist in manipulating values and moving data from one memory location to another. **PSEN (Program Store Enable)**

The 8051 has four dedicated bus control signals. It is a control signal that enables external program (code) memory. It usually connects to an EPROM's Output Enable (OE) pin to permit reading of program bytes. The PSEN signal pulses low during the fetch stage of an instruction. When executing a program from internal ROM (8051/8052), PSEN remains in the inactive (high) state.

ALE (Address Latch Enable)

The 8051 similarly uses ALE for demultiplexing the address and data bus. When Port 0 is used in its alternate mode—as the data bus and the low-byte of the address bus—ALE is the signal that latches the address into an external register during the first half of a memory cycle.

EA (External Access)

The EA input signal is generally tied high (+5 V) or low (ground). If high, the 8051 executes programs from internal ROM when executing in the lower 4K of memory. If low, programs execute from external memory only (and PSEN pulses low accordingly).

RST (Reset)

The RST input is the master reset for the 8051. When this signal is brought high for at least two machine cycles, the 8051 internal registers are loaded with appropriate values for an orderly system start-up.

On-chip Oscillator Inputs

The 8051 features an on-chip oscillator. The nominal crystal frequency is 12 MHz for most ICs in the MCS-51™ family.

Memory Organization:

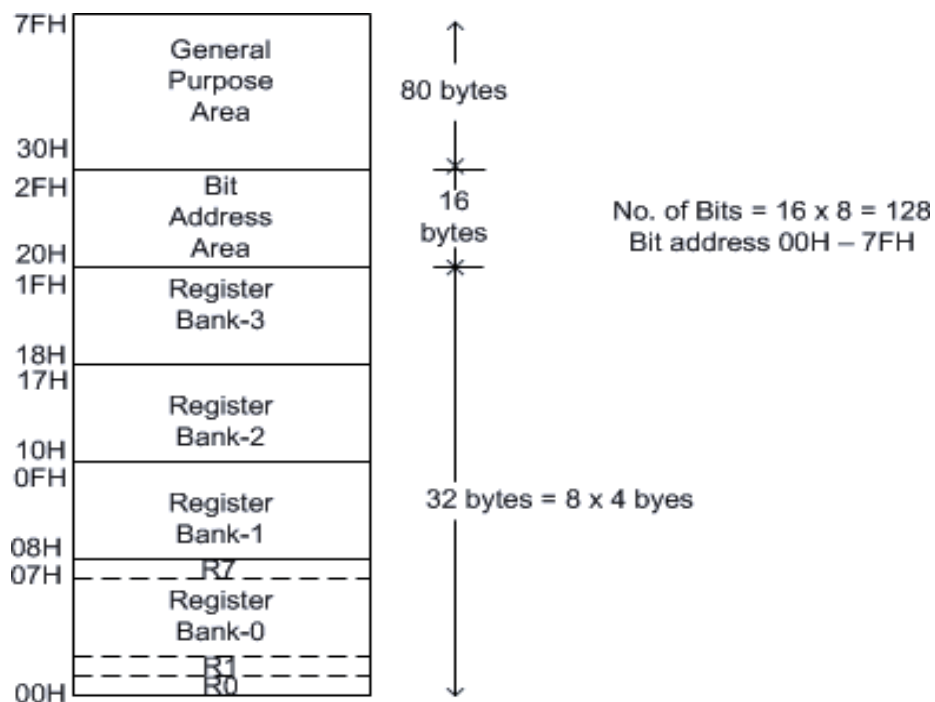
Most microprocessors implement a shared memory space for data and programs. This is reasonable, since programs are usually stored on a disk and loaded into RAM for execution; thus both

the data and programs reside in the system RAM. Microcontrollers have limited memory, and there is no disk drive or disk operating system. The control program must reside in. For this reason, the 8051 implements a separate memory space for programs (code) and data. Both the code and data may be internal; however, both expand using external components to a maximum of 64K code memory and 64K data memory.

The internal memory consists of on-chip ROM (8051/8052 only) and on-chip data RAM. **The on-chip RAM contains a rich arrangement of general-purpose storage, bit-addressable storage, register banks, and special function registers.**

The internal memory space is divided between register banks (00H-1FH), bit-addressable RAM (20H-2FH), general-purpose RAM (30H-7FH), and special function registers (80H-FFH). Any location in the general-purpose RAM can be accessed freely using the direct or indirect addressing modes.

Internal RAM memory:



Bit-addressable RAM

The 8051 contains 210 bit-addressable locations, of which 128 are at byte addresses 20H through 2FH, and the rest are in the special function registers.

The idea of individually accessing bits through software is a powerful feature of most microcontrollers. Bits can be set, cleared, ANDed, ORed, etc., with a single instruction.

Most microprocessors require a read-modify-write sequence of instructions to achieve the same effect. Furthermore, the 8051 I/O ports are bit-addressable, simplifying the software interface to single-bit inputs and outputs.

There are 128 general-purpose bit-addressable locations at byte address 20H through 2FH (8 bits/byte X 16 bytes = 128 bits).

Register Banks: The bottom 32 locations of internal memory contain the register banks. The 8051 instruction set supports 8 registers, R0 through R7, and by default (after a system reset) these registers are at addresses 00H-07H.

Instructions using registers R0 to R7 are shorter and faster than the equivalent instructions using direct addressing. Data values used frequently should use one of these registers.

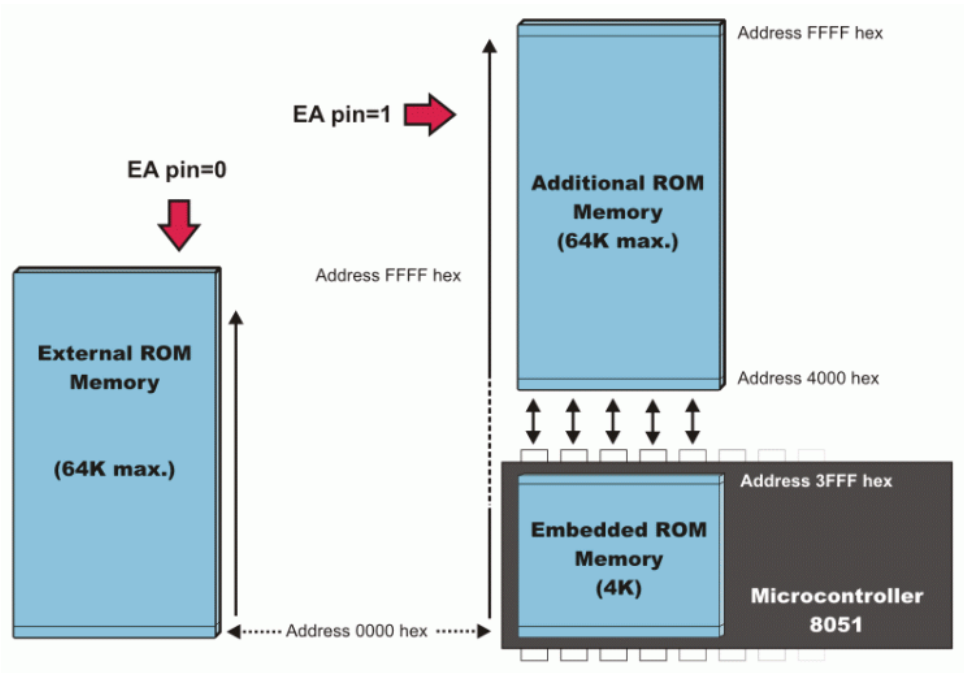
Special Function Registers

The 8051 internal registers are configured as part of the on-chip RAM; therefore, each register also has an address. This is reasonable for the 8051, since it has so many registers. As well as R0 to R7, there are 21 special function registers (SFRs) at the top of internal RAM, from addresses 80H to FFH.

EXTERNAL MEMORY

The MCS-51 architecture provides expansion in the form of a 64K external code memory space and a 64K external data memory space. Extra ROM and RAM can be added as needed. Peripheral interface ICs can also be added to expand the I/O capability. These *become* part of the external data memory space using memory-mapped I/O.

When external memory is used, Port 0 is unavailable as an I/O port. It becomes a multiplexed address (A0-A7) and data (D0-D7) bus, with ALE latching the low-byte of the address at the beginning of each external memory cycle. Port 2 is usually (but not always) employed for the high-byte of the addressbus.



EA=0 In this case, the microcontroller completely ignores internal program memory and executes only the program stored in external memory.

EA=1 In this case, the microcontroller executes first the program from built-in ROM, then the program stored in external memory.

In both cases, P0 and P2 are not available for use since being used for data and address transmission.

Besides, the ALE and PSEN pins are also used.

I/O Ports:

The four 8-bit I/O ports P0, P1, P2 and P3 each uses 8 pins. All the ports upon RESET are configured as output, ready to be used as input ports.

Port 0 is also designated as AD0-AD7, allowing it to be used for both address and data. When connecting an 8051/31 to an external memory, port 0 provides both address and data. The 8051 multiplexes address and data through port 0 to save pins.

ALE indicates if P0 has address or data.

- When ALE=0, it provides data D0-D7
- When ALE=1, it has address A0-A7

In 8051-based systems with no external memory connection. Both P1 and P2 are used as simple I/O. In 8031/51-based systems with external memory connections, Port 2 must be used along with P0 to provide the 16-bit address for the external memory.

- P0 provides the lower 8 bits via A0 – A7
 - P2 is used for the upper 8 bits of the 16-bit address, designated as A8 – A15, and it cannot be used for I/O
- Port 3 can be used as input or output.

Port 3 does not need any pull-up resistors. Port 3 has the additional function of providing some extremely important signals.

P3 Bit	Function	Pin	
P3.0	RxD	10	Serial communications
P3.1	TxD	11	
P3.2	$\overline{\text{INT0}}$	12	External interrupts
P3.3	$\overline{\text{INT1}}$	13	
P3.4	T0	14	Timers
P3.5	T1	15	
P3.6	$\overline{\text{WR}}$	16	Read/Write signals of external memories
P3.7	$\overline{\text{RD}}$	17	

Counters and Timers:

Many microcontroller applications require the counting of external events, such as the frequency of a pulse train, or the generation of precise internal time delays between computer actions. To relieve the processor burden, two 16-bit upcounters, named T0 and T1, are provided for the general use of the programmer. Each counter may be programmed to count internal clock pulses, acting as a timer, or programmed to count external pulses as a counter. The timers are used for (a) interval timing, (b) event counting, or (c) baud rate generation for the built-in serial port.

The 8051 has two timers/counters, they can be used either as:

Timers to generate a time delay or as Event counters to count events happening outside the microcontroller

In interval timing applications, a timer is programmed to overflow at a regular interval and set the timer overflow flag. The flag is used to synchronize the program to perform an action such as checking the state of inputs or sending data to outputs.

Other applications can use the regular clocking of the timer to measure the elapsed time between two conditions (e.g., pulse width measurements). Event counting is used to determine the number of occurrences of an event, rather than to measure the elapsed time between events. An "event" is any external stimulus that provides a 1-to-0 transition to a pin on the 8051 IC. The timers can also provide the baud rate clock for the 8051's internal serial port.

SERIAL PORT OPERATION:

The 8051 includes an on-chip serial port that can operate in several modes over a wide range of frequencies. The essential function of the serial port is to perform parallel-to-serial conversion for output data, and serial-to-parallel conversion for input data.

The serial port features **Full duplex** operation (simultaneous transmission and reception), and **receive buffering allowing** one character to be received and held in a buffer while a second character is received. If the CPU reads the first character before the second is fully received, data are not lost.

Two special function registers provide software access to the serial port, SBUF and SCON. The serial port buffer (SBUF) at address 99H is really two buffers. Writing to SBUF loads data to be transmitted, and reading SBUF accesses received data. These are two separate and distinct registers, the transmit write-only register, and the receive read-only register.