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Remedial Coaching: 2022-2023

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VIVEKANAND COLLEGE (AUTONOMOUS), KOLHAPUR

Department of Mathematics

REMEDIAL COACHING

NOTICE

Date: 26/09/2022

All the students of B.Sc.I are hereby informed that, lectures of "Remedial Coaching" will be conducted from 30/09/2022 on every Friday and Saturday. Those students should be present for lectures.

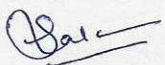
Place : Department of Mathematics, Room No. 39

Time : 10.30 am to 11.30 am

Contact Details : Prof. S. P. Patankar (HOD) (9850055519)

Prof. S. P. Thorat (9970929595)




(Prof. S. P. Patankar)
HEAD
Department of Mathematics
Vivekanand College, Kolhapur

Vivekanand College, Kolhapur
Department Of Mathematics
Remedial Coaching : 2022-2023

All the students of B.Sc. I are hereby informed that of Remedial Coaching were conducted from 30/09/2022 to 05/11/2022. Those students who are participated their exam will be conducted on 30/11/2022 at 12:00 PM in room no. 39.



S.P. Thorat
HEAD

Department of Mathematics
Vivekanand College, Kolhapur

(S.P.Thorat)



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— HEAD —
Department of Mathematics
Vivekanand College, Kolhapur

VIVEKANAND COLLEGE (AUTONOMOUS), KOLHAPUR

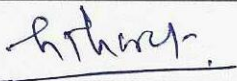

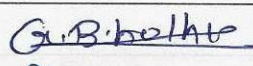
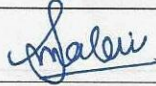

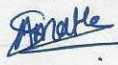
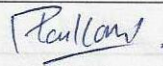

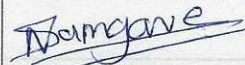

Department of Mathematics

REMEDIAL COACHING


TIMETABLE

Date: 30/09/2022 to 05/11/2022 (Ten Days)

Time: 10.30 am to 11.30 am

Sr. No.	Date	Name of Teacher	Sign
1.	30/09/2022	Prof. S. P. Thorat	
2.	01/10/2022	Prof. S. P. Patankar	
3.	07/10/2022	Prof. G. B. Kolhe	
4.	08/10/2022	Prof. S. M. Malavi	
5.	14/10/2022	Prof. S. S. Patil	
6.	15/10/2022	Prof. A. M. Sathe	
7.	21/10/2022	Prof. P. P. Kulkarni	
8.	22/10/2022	Prof. M. G. Goliwadekar	
9.	04/11/2022	Prof. N. M. Tamgave	
10.	05/11/2022	Prof. A. A. Patil	




(Prof. S. P. Patankar)
HEAD
Department of Mathematics
Vivekanand College, Kolhapur

REMEDIAL COACHING
Department of Mathematics
VIVEKANAND COLLEGE (AUTONOMOUS), KOLHAPUR

Sr. No.	Name of the Student
1	Ahmed Quasim Hasan
2	Sanjivani Rajaram Kamble
3	Atharv Hariprasad Kognolikar
4	Tushar Balawant Kamble
5	Poonam Narsu Patil
6	Sakshi Raju Biranje
7	Mansi Madhukar Patil
8	Sahil Chetan Patanekar
9	Sakshi Sambhaji Patil
10	Abhijeet Laxman Kalake
11	Prerana Vishwas Patil
12	Rupali Prakash Shelake
13	Diksha Nandraj Giri
14	Sharayu Prakash Sutar
15	Kirti Sambhaji Patil
16	Yash Lukaran Asanekar
17	Mariya M.Shafi Maner
18	Ravati Mahindra Jangam
19	Trupti Sambhaji Narande
20	Gayatri Gundu Kangralkar
21	Vedant Prashant Mangaonkar



S.P. Thorat

HEAD

Department of Mathematics
Vivekanand College, Kolhapur

(S.P.Thorat)

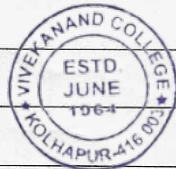
VIVEKANAND COLLEGE (AUTONOMOUS), KOLHAPUR

Department of Mathematics

REMEDIAL COACHING

Students Attendance

Sr. No.	Name of the Student	30/09/2022	1/10/2022
1	Sakshi Dhanaji chougale.	<u>Sakshi</u>	<u>Sakshi</u>
2	Sujata Krishnat Bhogam.	<u>JKBhogam</u>	<u>JKBhogam</u>
3	Sanjivani Rajaram Kamble	<u>Sanjivani</u>	<u>Sanjivani</u>
4	Sanika sunil Patil	<u>S.S.Patil</u>	<u>S.S.Patil</u>
5	Aarati Prakash mane	<u>Aarati Mane.</u>	<u>Aarati mane.</u>
6	Vahid Umarfaruk Naikwade	<u>Vahid</u>	<u>Vahid</u>
7	Aditya Ashok Ardalkar	<u>Aditya</u>	<u>Aditya</u>
8	Vedant Prashant Mangaonkar	<u>Vedant</u>	<u>Vedant</u>
9	Sami Ali tibin Ahmed	<u>Sami</u>	<u>Sami</u>
10	Aspita Jineshwar Patil.	<u>Aspita</u>	<u>Aspita</u>
11	Sanika Jayvant kalomkar	<u>Sanika</u>	<u>Sanika</u>
12	Atharv Hariprasad Kognekar	<u>Atharv</u>	<u>Atharv</u>
13	Yash Tukar Ananekar	<u>Yash</u>	<u>Yash</u>
14	Tushar Balawant Kamble	<u>Tushar</u>	<u>Tushar</u>
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PPK

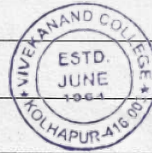
VIVEKANAND COLLEGE (AUTONOMOUS), KOLHAPUR

Department of Mathematics

REMEDIAL COACHING

Students Attendance

Sr. No.	Name of the Student	07/10/2022
1	Abhijeet Laxman Kalake	Abhijeet
2	Jay Dilip Waghmare	Jay Dilip
3	Shawari Kulkarni Patil	Shawari
4	Sanika Santosh Dhumale.	Sanika
5	Ampita Jineshwar Patil.	Ampita
6	Sanika Jayvant Kalamkar	Sanika
7	Sujata Keishnat Bhogam	Sujata
8	Revati Mahendra Jangam	Revati
9	Gayatri Gundu Kangraalkar	Gayatri
10	Samsuddhi Sanjay Bhosale	Samsuddhi
11	Ashakshi Dhameji Chougale	Ashakshi
12	Sakshi Raju Bixanje	Sakshi
13	Sanika Subhash Parpolkar	Sanika
14	Rutuja Pralhad Chand.	Rutuja
15	Rohit Laxman Asanekar	Rohit
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Department of Mathematics

REMEDIAL COACHING

Students Attendance

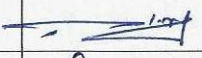

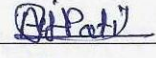
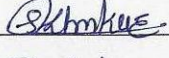
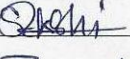
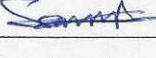
Sr. No.	Name of the Student	08/10/2022
1	Kirti Sambhaji Patil	Kirti
2	Rash Laxman Asanekar	Rash
3	Tushar Balwant Kamble	Tushar
4	Atharv Hari Prasad Kogndikar	Atharv
5	Vedant Mangajkar	Vedant
6	Saleshi Raja Biranje	S.R. Biranje
7	Tushar Balwant Kamble	Tushar
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Department of Mathematics

REMEDIAL COACHING

Students Attendance

Sr. No.	Name of the Student	14/10/2022
1	Wareng Niraj Rajesh	
2	Vahid Umarfaruk Naikwade	
3	Arpita Jineshwar Patil.	
4	Sanika Jayvant kalamkag	
5	Sakshi Dhanaji Chougale	
6	Samir Ali Tibin Ahmed	
7	Mariya M.Shafi Maner	M.M.Maner
8	Sakshi Raju Birunje	S.R. Birunje
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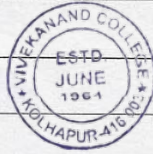
VIVEKANAND COLLEGE (AUTONOMOUS), KOLHAPUR

Department of Mathematics

REMEDIAL COACHING

Students Attendance

Sr. No.	Name of the Student	15/10/2022
1	Sakshi Dhanaji Chougale	Sakshi
2	Sami Ali Tibin Ahmed.	Sami
3	Abhijeet Laxman Kalake.	Abhijeet
4	Niraj Rajesh Wareng	Niraj
5	Sakshi Raju Biranje.	S. R. Biranje
6	Tushar balwant Kambale	Tushar
7	Atharv Hariprasad Kognolikar	Atharv
8	Tushar Balwant Kambale	Tushar
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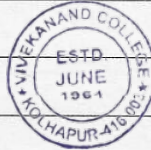
VIVEKANAND COLLEGE (AUTONOMOUS), KOLHAPUR

Department of Mathematics

REMEDIAL COACHING

Students Attendance

Sr. No.	Name of the Student	21/10/2022
1	Yash Lukanan Asandkar	Asandkar
2	Tushar balwant Kamble	Tushar Kamble
3	Vedant Mangarajkar	Mangarajkar
4	Salashi Raju Birunge.	S. R. Birunge
5	Kirti sambhaji patil	<u>K. Patil</u>
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VIVEKANAND COLLEGE (AUTONOMOUS), KOLHAPUR

Department of Mathematics

REMEDIAL COACHING

Students Attendance

Sr. No.	Name of the Student	22/10/2022
1	Prerana Vishwast Patil	P.V. Patil
2	Kirti Sambhaji patil	K.Patil
3	Diksha Gani	Gani Diksha
4	Saleshi Raju Biranje	S.R. Biranje
5	Tushar Balwant Kambale.	Balwants
6	Atharv Hariprasad Kognolikor	A.Kognolikor
7	Vedant Mangraalkar	M.Mangraalkar
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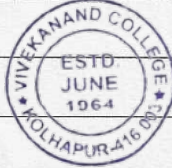


Department of Mathematics

REMEDIAL COACHING

Students Attendance

Sr. No.	Name of the Student	04/11/2022
1	Vedant Prashant Mangadikar	Mangadikar
2	Saleshi Raju Biranje	SR Biranje
3	Tushar Balwant kamble	Balwant kamble
4	Kirti Sambhaji Patil	Patil
5	Yash Lukanan Asanekar	Yash
6	Tushar Balwant kamble	<u>B</u>
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Department of Mathematics

REMEDIAL COACHING

Students Attendance

Sr. No.	Name of the Student	05/11/2022
1	Sulshi Raju Birunje	S.R. Birunje
2	Kirti sambhaji Patil	K. Patil
3	Yash Jukaman Banekar	Yash
4	Vedant Mangalkar	Mangalkar
5	Tushar bulwant Kamble	T. Bulwant
6	Atharv Hariprasad Kognolikar	A. Kognolikar
7	Tushar Balawant kamble	T.
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VIVEKANAND COLLEGE (AUTONOMOUS), KOLHAPUR**Department of Mathematics****REMEDIAL COACHING: 2022-2023****Mark list: Test 1**

Sr. No.	Name of the Student	Marks
1	Ahmed Quasim Hasan	10
2	Sanjivani Rajaram Kamble	10
3	Atharv Hariprasad Kognolikar	10
4	Tushar Balawant Kamble	10
5	Poonam Narsu Patil	10
6	Sakshi Raju Biranje	10
7	Mansi Madhukar Patil	10
8	Sahil Chetan Patanekar	10
9	Sakshi Sambhaji Patil	08
10	Abhijeet Laxman Kalake	08
11	Prerana Vishwas Patil	08
12	Rupali Prakash Shelake	08
13	Diksha Nandraj Giri	08
14	Sharayu Prakash Sutar	06
15	Kirti Sambhaji Patil	06
16	Yash Lukaran Asanekar	06
17	Mariya M.Shafi Maner	06
18	Ravati Mahindra Jangam	06
19	Trupti Sambhaji Narande	06
20	Gayatri Gundu Kangralkar	04
21	Vedant Prashant Mangaonkar	00

VIVEKANAND COLLEGE (AUTONOMOUS), KOLHAPUR**Department of Mathematics****REMEDIAL COACHING: 2022-2023****Mark list: Test 2**

Sr. No.	Name of the Student	Marks
1	Ahmed Quasim Hasan	20
2	Sanjivani Rajaram Kamble	22
3	Atharv Hariprasad Kognolikar	18
4	Tushar Balawant Kamble	08
5	Poonam Narsu Patil	10
6	Sakshi Raju Biranje	12
7	Mansi Madhukar Patil	14
8	Sahil Chetan Patanekar	16
9	Sakshi Sambhaji Patil	08
10	Abhijeet Laxman Kalake	08
11	Prerana Vishwas Patil	08
12	Rupali Prakash Shelake	10
13	Diksha Nandraj Giri	08
14	Sharayu Prakash Sutar	10
15	Kirti Sambhaji Patil	06
16	Yash Lukaran Asanekar	04
17	Mariya M.Shafi Maner	04
18	Ravati Mahindra Jangam	08
19	Trupti Sambhaji Narande	06
20	Gayatri Gundu Kangralkar	04
21	Vedant Prashant Mangaonkar	08

VIVEKANAND COLLEGE (AUTONOMOUS), KOLHAPUR

Department of Mathematics

REMEDIAL COACHING: 2022-2023

Progress

Sr. No.	Name of the Student	Progress
1	Ahmed Quasim Hasan	25%
2	Sanjivani Rajaram Kamble	30%
3	Atharv Hariprasad Kognolikar	20%
4	Tushar Balawant Kamble	0%
5	Poonam Narsu Patil	0%
6	Sakshi Raju Biranje	5%
7	Mansi Madhukar Patil	10%
8	Sahil Chetan Patanekar	15%
9	Sakshi Sambhaji Patil	25%
10	Abhijeet Laxman Kalake	25%
11	Prerana Vishwas Patil	25%
12	Rupali Prakash Shelake	5%
13	Diksha Nandraj Giri	0%
14	Sharayu Prakash Sutar	10%
15	Kirti Sambhaji Patil	0%
16	Yash Lukaran Asanekar	0%
17	Mariya M.Shafi Maner	0%
18	Ravati Mahindra Jangam	5%
19	Trupti Sambhaji Narande	0%
20	Gayatri Gundu Kangralkar	0%
21	Vedant Prashant Mangaonkar	40%



"Education for Knowledge, Science, and Culture"
- Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's
Vivekanand College, Kolhapur
(Autonomous)



2022-23

Report: Remedial Coaching

1. Name of Department : Mathematics
2. Name of Organized Activity : Remedial Coaching
3. Date/ Duration : 30/09/2022 – 05/11/2022
4. Aims and Objectives : 1. To develop basic knowledge about mathematics in average student.
2. To provide academic support slow learner need.
5. No. of beneficiaries : Total = 21

Students	Male	07
	Female	14

6. Expenditure & funding agency : Nil

7. Brief description : On the behalf of Mathematics department remedial coaching was arranged for Slow learners. First test was taken on 29/08/2022 of 40 marks. Slow learners were chosen on basis of marks in first test. Total ten number of lectures were arranged from 30/09/2022 to 05/11/2022. Former faculty of department of mathematics conducted lectures in room no. 39 at 10:30 AM to 11: 30 AM on each Friday and Saturday. Students were eager to learn and were grateful to organiser.

8. Outcomes : 1. Students reinforce basic knowledge of mathematics
2. Students improved relation with Professors and fellow students

9. Photos : Enclosed

10. Signatures of coordinator/ organizer: Mr. S.P. Thorat



S.P. Thorat
HEAD
Department of Mathematics
Vivekanand College, Kolhapur

Vivekanand College, Kolhapur (Autonomous)
Department of Mathematics

REMEDIAL COACHING TEST 1 : 2022-23

Class: B.Sc.I

Marks: 40

Name: _____

Date: 29/08/2022

Note: Tick mark(✓) the correct alternative.

Q1) If $ax^2 + 2hxy + by^2 = 0$ then $\frac{d^2y}{dx^2} = \text{-----}$

- a) $\frac{y}{x}$ b) $\frac{x}{y}$ c) 0 d) $-\frac{x}{y}$

Q2) The perpendicular distance the straight lines $6x+8y+15=0$
and $3x+4y+9=0$ is-----

- a) $\frac{3}{2}$ b) $\frac{3}{10}$ c) $\frac{3}{4}$ d) $\frac{2}{7}$

Q3) Value of $\int_{-2}^2 (x^2 + \sin x) dx = \text{-----}$

- a) 0 b) 1 c) 2 d) 3

Q4) $\int_0^{\frac{\pi}{2}} \frac{\sqrt[3]{\sin x}}{\sqrt[3]{\sin x} + \sqrt[3]{\cos x}} dx = \text{-----}$

- a) $\frac{\pi}{2}$ b) $\frac{\pi}{3}$ c) $\frac{\pi}{4}$ d) 0

Q5) Value of $\sqrt{2 + \sqrt{2 + 2 \cos 4\theta}} = \text{-----}$

- a) $2\sin \theta$ b) $2\cos \theta$ c) $\sin \theta$ d) $\cos \theta$

Q6) Square root of $4+3i$ is----

- a) $\pm \frac{1+i\sqrt{3}}{\sqrt{2}}$ b) $\pm \frac{3-i}{\sqrt{2}}$ c) $\pm \frac{5+3i}{\sqrt{2}}$ d) $\pm \frac{3+i}{\sqrt{2}}$

Q7) If $\frac{dy}{dx} - 4y = 0$ then the solution of the differential $y(0) = 1$ is-----

- a) $y = 4e^x$ b) $y = e^{4x}$ c) $y = e^{-4x}$ d) $y = e^{x+4}$

Q8) $\cos^{-1}\left(\frac{4}{5}\right) + \tan^{-1}\left(\frac{3}{5}\right) = \text{-----}$

- a) $\tan^{-1}\left(\frac{11}{27}\right)$ b) $\tan^{-1}\left(\frac{27}{11}\right)$ c) $\cos^{-1}\left(\frac{11}{27}\right)$ d) $\sin^{-1}\left(\frac{11}{27}\right)$

Q9) M and N are the midpoints of the diagonals AC and BD respectively
of quadrilateral ABCD then $\overline{AB} + \overline{AD} + \overline{CB} + \overline{CD} = \text{-----}$

- a) $2\overline{MN}$ b) $2\overline{NM}$ c) $4\overline{MN}$ d) $4\overline{NM}$

Q10) If $\sin x$ is the integral factor (I.F.) of the differential equation

$\frac{dy}{dx} + Py = Q$ then p is -----

- a) $\log \sin x$ b) $\cos x$ c) $\tan x$ d) $\cot x$

Remedial test 2022-23 - II

Department of Mathematics

* Indicates required question

1. Email *

2. Name: *

3. Class: *

4. 1) Find the compound interest on Rs. 10,000 for 4 years at 5% p.a. * 2 points

Mark only one oval.

2150

2155

2250

2255

5. 2) Find the simple interest on Rs. 1,000 at 6% p.a. for 2 years. * 2 points

Mark only one oval.

112

110

115

120

6. 3) What is HCF of 408 and 1032? *

2 points

Mark only one oval.

22

23

24

25

7. 4) Find LCM (12,7) *

2 points

Mark only one oval.

84

82

80

48

8. 5) The sum of first 49 natural numbers is? *

2 points

Mark only one oval.

1280

1225

1215

1270

9. 6) If the number 78a319 is divisible by 11 then a=? *

2 points

Mark only one oval.

1

7

2

4

10. 7) It was Sunday on 3 Jan 2021 then what will be day on 1 Aug 2024? * 2 points

Mark only one oval.

- Sunday
 Tuesday
 Thursday
 Friday

11. 8) The cost price of 20 articles is the same as selling price of x articles. * 2 points
If the profit is 25% ,then the value of x is?

Mark only one oval.

- 15
 16
 18
 25

12. * 2 points

9) A vendor bought toffees at 6 for a rupee. How many for a rupee must he sell to gain 20%?

Mark only one oval.

- 3
 4
 5
 6

13. 10) A person crosses a 600 m long street in 5 minutes. What is his speed in km per hour?

* 2 points

Mark only one oval.

3.6

7.2

10

8.2

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