

Vivekanand College, Kolhapur (Empowered Autonomous)

Department of Chemistry

M. Sc. I Sem. I Chemistry

Theory Internal Examination 2023-24

All the students of M.Sc. I are hereby informed that their theory Internal Examination will be conducted from 07th November, 2023 to 10th November, 2023. The examination will be conducted only one time, students are directed to attend the examination without fail. Syllabus and schedule for examination will be as mentioned in following table.

Sr. No.	Name of Paper	Topics
1	Organic & Inorganic Chemistry 07/11/2023 Time: 11:30 to 12:30 pm	Topic I – Stereochemistry Topic II- Study of Lanthanide & Actinides
2	Physical & Analytical Chemistry 08/11/2023 Time: 11:30 to 12:30 pm	Topic I – Chemical Kinetics Topic II – Introduction to Quality Control & Quality Assurance
3	Elective Paper 09/11/2023 Time: 11:30 to 12:30 pm	Organic: Topic I : Organometallic Chemistry Topic II : Rearrangement Reactions Inorganic: Topic I : Electronic, Electric & Optical Behaviour .. Topic II : Non aqueous Solvents & Nuclear Chem.. Analytical: Topic I : Spectroscopic Techniques Topic II : Non aqueous Solvents & Nuclear Chem..
4	Research Methodology 10/11/2023 Time: 11:30 to 12:30 pm	Unit I – Fundamentals of Research Methodology Unit II – Interpretation & Report Writing

*Nature of question paper: -

Q.1 Solve any one out of a) & b) -----10 M

Q.2 Solve any one out of a) & b) -----10 M

Dr. K. A. Undale

CO-ORDINATOR

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Dr. Mrs. S. D. Shirke

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VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)

VIVEKANAND COLLEGE, KOLHAPUR
(EPOWORED AUTONOMOUS)
M.Sc. (Part-I) (Semester-III) Internal Examination 2023-24
INORGANIC & ORGANIC CHEMISTRY

Day and Date: 07/11/2023

Total Marks: 20

Time: 11.30 - 12.30 pm

Q1. Answer the following questions (Any one)		[10]
a)	Why f-block elements located at bottom of periodic table? Explain the methods generally adopted for separation of lanthanides in brief.	
b)	Why f-block elements are known as inner transition elements? Discuss following properties of lanthanides. a) Electronic configuration b) Colour & spectra.	
Q2.	Q1. Answer the following questions (Any one)	[10]
a)	Define conformational stereoisomers. Draw various conformations of dimethyl cyclohexane and explain its stabilities.	
b)	Explain: a) Resolution of racemic mixtures b) R,S nomenclature of stereoisomers	



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M.Sc. I Organic Chemistry Internal Exam Student List Year 2023-24

SrNo	Roll No.	StudentName	StudentMobileNo	Sign
1	468	AMBEKAR SAKSHI MOHAN	7507497957	<u>Ambekar</u>
2	469	BHISE GANESH DIPAK	8830992863	<u>Bhise</u>
3	470	BHOSALE PRADNYA GAJANAN	9284239009	
4	471	CHOUGULE ASHUTOSH ARJUN	7058440107	<u>Chougule</u>
5	472	DALAVI RUTURAJ NANDKUMAR	8624875069	<u>Dalavi</u>
6	473	DESAI SANCHITA PANDURANG	7887898120	<u>Desai</u>
7	474	GADIKAR VEENA MAHADEV	8010344850	<u>Gadikar</u>
8	493	HARSHADA ARUN PATIL	7666388244	<u>Harshada</u>
9	475	JABAGOND ANJALI PARAGOND	9730443858	<u>Anjali</u>
10	476	JADHAV ANURAG BHARAT	8087536025	<u>Anurag</u>
11	478	JADHAVE SOURABH RAMESH	9860945397	<u>Sourabh</u>
12	479	KAMBLE RUTUJA RAGHUNATH	9021084503	<u>Rutuja</u>
13	480	KARADE YOGESH NITIN	9850135407	<u>Yogesh</u>
14	481	KARALE PRATIK SANJAY	8421228799	<u>Pratik</u>
15	483	KOTMIRE ROHIT DATTATRAY	7066684747	<u>Rohit</u>
16	484	KULKARNI NUPUR SUJIT	9637272169	<u>Nupur</u>
17	485	KULKARNI SHRUTI SHRIPAD	8855936509	
18	486	KUMBHAR DHANASHRI DATTATRAY	8080505719	<u>Dhanashri</u>
19	487	LAD NIRAJ RAMESH	9145722392	<u>Niraj</u>
20	488	MANDEKAR AISHWARYA VIJAY	8806995356	<u>Aishwarya</u>
21	489	MOHITE SHITAL SUNIL	9767115828	<u>Shital</u>
22	490	NAIKWADE SHOABAKHTAR MAHAMAI	9561228528	<u>Shoabakhtar</u>
23	491	PANHALKAR RADHIKA SUNIL	7420885172	<u>Radhika</u>
24	492	PATIL DIVYA UMESHCHANDRA	8483042594	<u>Divya</u>
25	494	PATIL MAYUR PRAKASH	8485025353	<u>Mayur</u>
26	495	PATIL RUTUJA RANGRAO	9028416273	<u>Rutuja</u>
27	496	PATIL SHIVANI PRAKASH	8698322330	<u>Shivani</u>
28	497	PATIL VISHWAJIT TANAJI	9370771545	
29	498	PATTANSHETTI SAKSHI RAMESH	7387381791	<u>Sakshi</u>
30	499	PATWARDHAN VARADA MILIND	9175962145	
31	482	SAIRAJ RAGHUNATH KARNIK	9112084852	<u>Sairaj</u>
32	500	SAMBARE PRATHMESH MADHUKAR	9665665623	<u>Prathmesh</u>
33	501	SANYAR HARSHAD MAHADEV	7620431815	<u>Harshad</u>
34	502	SAWANT NISHANT NETAJI	9529257024	<u>Nishant</u>
35	477	SHANKAR GAJANAN JADHAV	7744838050	<u>Shankar</u>
36	503	SUTAR ABOLI KRUSHNAT	7020780655	<u>Aboli</u>
37	504	SUTAR OMKAR SANJAY	9595108820	<u>Omkar</u>
38	505	TASHILDAR SHIVANI NAMDEV	9156913272	<u>Shivani</u>
39	506	VANKUNDRE PUNAM ARUN	9552698845	<u>Punam</u>

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DEPARTMENT OF CHEMISTRY

M.Sc. I Inorganic Chemistry Internal Exam Student List Year 2023-24

SrNo	Roll NO.	StudentName	StudentMobileNo	Sign
1	507	DHATUNDE SAKSHI GANESH	7796129292	<i>Dhatunde</i>
2	508	DHOKARE SUSHANT DIGAMBAR	9657167937	<i>SDD</i>
3	509	KORE AKASH SATISH	9130091345	
4	510	MUGALIKAR PRIYANKA RANJEET	9673528094	<i>Priyanka</i>
5	511	MULLA AQSA MANOJ	7972825242	<i>Am?</i>
6	512	NARANDE POONAM DHANAJI	9767508304	<i>Narande</i>
7	513	NAVALAGI BHAKTI RAVASO	7796851869	<i>B.R. Navagi</i>
8	514	PATNI REHAN SULTAN	8087231217	<i>Patni</i>
9	515	PUJARI DHANASHRI BHAUSO	9359106619	
10	516	SURYAVANSHI SANIKA PRATAP	9356667072	<i>Pratka</i>
11	517	TAMBEKAR NIKITA NIVRUTTI	7387738900	<i>TJ.</i>
12	518	ZUNAKE PAVAN BALU	7028406729	



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M.Sc. I Analytical Chemistry Internal Exam Student List Year 2023-24

SrNo	Roll No.	StudentName	StudentMobileNo	Sign
1	519	AGALAVE PRATHMESH SURESH	9130296454	<i>Prathmesh</i>
2	520	ALIN JAVED TAKAWADE	7276782627	<i>Alin</i>
3	521	CHOTHE SAMRUDDHI SHASHIKANT	9322680668	<i>Schote</i>
4	522	DESAI AKANKSHA ABASAHEB	7066713291	<i>Desai</i>
5	523	DESAI GURUDATTA BHAUSO	8767822623	<i>Desai</i>
6	524	DESAI KULSUM JAVED	7798405285	<i>Desai</i>
7	525	DESAI NISHANT DINKAR	7083570679	<i>Desai</i>
8	526	DEULKAR RADHIKA MAHADEV	7249744813	<i>Radhika</i>
9	527	GASTI BHUPALI NARASAGOUDA	9325569711	<i>Agaste</i>
10	528	GHUGARE PRANALI VIJAY	9356893303	<i>Ghugare</i>
11	529	GILBILE RUPALI SADASHIV	8425837387	<i>Gilbile</i>
12	530	GONDKAR RASIKA MAHESH	9503352769	<i>Desai</i>
13	531	HAVAL PRATHAMESH MUKUND	9284937049	<i>Haval</i>
14	532	INGALE SHRUTIKA MANIK	7666546002	<i>Smull</i>
15	533	INGAWALE GAURI KUNDALIK	7720026935	<i>Gaj</i>
16	534	JADHAV GOURI VIJAY	8766909495	<i>Jadhav</i>
17	535	JADHAV PRIYANKA DNYANDEV	9765076561	<i>Balhu</i>
18	536	JAGTAP SANKET DADASO	7792095050	<i>Jagtap</i>
19	537	JANGAM PRANAV BHIKAJI	8390083276	<i>Jangam</i>
20	538	KARAPE SWARUP JAYSING	7499411989	<i>S.S. Karape</i>
21	539	KHARDEKAR SANYOGITA CHIMASAHEB	9356460530	<i>Khardekar</i>
22	540	MAGDUM NIVEDITA RAJKUMAR	7840939485	<i>Magdum</i>
23	541	MORE SHIVANI PANDURANG	9579428138	<i>More</i>
24	542	PATIL GAYATRI SHAMRAO	9130348189	<i>Patil</i>
25	543	PATIL PARTH PRAKASH	7057521611	<i>Patil</i>
26	544	PATIL SHRAVANI BALVANT	7028487627	<i>Patil</i>
27	545	PATIL SUSMITA TANAJI	9370176301	<i>Patil</i>
28	546	PATIL SWARUP SARJERAO	9527226098	<i>S.Patil</i>
29	547	PATIL TEJAS SIDRAM	8830839621	<i>Patil</i>
30	548	PETKAR SANCHITA SANJAY	9975273215	<i>Petkar</i>
31	549	PRACHI PRAKASH JADHAV	9686136731	<i>Prachin</i>
32	550	RAVAN AMOL ARUN	9049354196	<i>Ravan</i>
33	551	SALOKHE ASHWINI VISHNU	9404264866	<i>Salokhe</i>
34	552	SHAIKH MUSKAN IMTIYAJ	8080259390	<i>M.Shaiikh</i>
35	553	SURAJ KRISHNAT CHILE	9503336444	<i>Suraj</i>
36	554	SUTAR MUSKAN KALANDAR	9673628829	<i>Sutar</i>
37	555	TORASKAR ROHIT UTTAM	9370332528	<i>Toraskar</i>
38	556	WAGAVEKAR PRERANA JITENDRA	7447742020	
39	557	WAGH RUTUJA SONAJI	7030097390	<i>Wagh</i>
40	558	ZIRANGE ANURADHA ABULKAR	9356667072	<i>Zirange</i>


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M.Sc. I Semester-I (NEP) Internal Examination 2023-24
Paper : Physical & Analytical Chemistry

Day and Date:

Total Marks: 20

Time: 11.30 - 12.30 pm

Physical Chemistry

Q1. Answer the following questions (Any one) [10]

- a) What is salt effect? Describe primary kinetic salt effect in detail.
b) Define heterogeneous catalysis. Explain Kinetics of unimolecular reactions.

Analytical Chemistry

Q1. Answer the following questions (Any one) [10]

- a) Write short note on
1) Total quality management
2) Q chart And R chart
b) 1) Calculate X and R for variable data given below:

Subgroup / measurements	1	2	3	4	5	6
X1	2.20	3.10	4.10	7.00	3.00	2.90
X2	3.30	2.80	2.50	3.90	3.44	3.70
X3	4.30	3.90	3.50	3.70	4.90	5.10
X4	5.50	6.00	6.10	5.80	5.00	6.50
X5	6.20	6.90	6.70	2.60	6.20	8.00

$A_2=0.577$ for X-chart, $D_4 = 2.114$.

- 2) What are the principles of good laboratory practices? Explain any one in detail.



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15	483	KOTMIRE ROHIT DATTATRAY 09	7066684747	Kotmire
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37	504	SUTAR OMKAR SANJAY 18	9595108820	Sutar
38	505	TASHILDAR SHIVANI NAMDEV 19	9156913272	Tashildar
39	506	VANKUNDRE PUNAM ARUN 13	9552698845	Vankudre

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4	510	MUGALIKAR PRIYANKA RANJEET 8	9673528094	<i>Priyanka</i>
5	511	MULLA AQSA MANOJ 11	7972825242	<i>AQSA</i>
6	512	NARANDE POONAM DHANAJI 10	9767508304	<i>Narande</i>
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9	515	PUJARI DHANASHRI BHAUSO	9359106619	
10	516	SURYAVANSHI SANIKA PRATAP 8	9356667072	<i>Surika</i>
11	517	TAMBEKAR NIKITA NIVRUTTI 15	7387738900	<i>N.T.</i>
12	518	ZUNAKE PAVAN BALU 15	7028406729	

Sign



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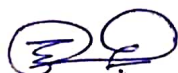
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2	520	ALIN JAVED TAKAWADE 00	7276782627	Alin
3	521	CHOTHE SAMRUDDHI SHASHIKANT 17	9322680668	Chothe
4	522	DESAI AKANKSHA ABASAHEB 18	7066713291	Desai
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7	525	DESAI NISHANT DINKAR 09	7083570679	Desai
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17	535	JADHAV PRIYANKA DNYANDEV 9	9765076561	Jadhav
18	536	JAGTAP SANKET DADASO 08	7792095050	Jagtap
19	537	JANGAM PRANAV BHIKAJI 12	8390083276	Jangam
20	538	KARAPE SWARUP JAYSING 05 08	7499411989	Karape
21	539	KHARDEKAR SANYOGITA CHIMASAHEB 12	9356460530	Khardekar
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28	546	PATIL SWARUP SARJERAO 12	9527226098	Patil
29	547	PATIL TEJAS SIDRAM 15	8830839621	Patil
30	548	PETKAR SANCHITA SANJAY 12	9975273215	Petkar
31	549	PRACHI PRAKASH JADHAV 17	9686136731	Prachi
32	550	RAVAN AMOL ARUN 07	9049354196	Ravan
33	551	SALOKHE ASHWINI VISHNU 12	9404264866	Salokhe
34	552	SHAIKH MUSKAN IMTIYAJ 12	8080259390	Shaikh
35	553	SURAJ KRISHNAT CHILE 11	9503336444	Suraj
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38	556	WAGAVEKAR PRERANA JITENDRA	7447742020	Wagavekar
39	557	WAGH RUTUJA SONAJI	7030097390	Wagh
40	558	ZIRANGE ANURADHA ARJUN	9356667072	Zirange



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Vivekanand College, Kolhapur (Empowered Autonomous)
PG Department of Chemistry
M.Sc. I, Sem I Chemistry
Internal Examination 2023-24
Paper E- Inorganic chemistry

Day and Date: Thursday 09/11/2023
Time: 11.30am to 12.30 pm

Marks: 20

Instructions: 1. Write any two questions.
2. Figures to draw necessary diagram wherever necessary.
3. Each question carries 10 Marks.

- Q. 1 Explain the Physical & chemical properties of liquid ammonia.
Q. 2 Discuss the nuclear fission & nuclear fusion reaction.
Q. 3 Discuss the behaviour and properties of semiconductors and insulators on the basis of band model
Q. 4 Explain any two methods for synthesis of semiconducting material.

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PG Department of Chemistry
M.Sc. I, Sem I Chemistry
Internal Examination 2023-24
Paper E- Inorganic chemistry

Day and Date: Thursday 09/11/2023
Time: 11.30am to 12.30 pm

Marks: 20

Instructions: 1. Write any two questions.
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VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)

VIVEKANAND COLLEGE, KOLHAPUR (EMPOWERED AUTONOMOUS)
DEPARTMENT OF CHEMISTRY

M.Sc. I Inorganic Chemistry Internal Exam Student List Year 2023-24

SrNo	Roll NO.	StudentName	StudentMobileNo	Sign
1	507	DHATUNDE SAKSHI GANESH	7796129292	<i>Dhatunde</i>
2	508	DHOKARE SUSHANT DIGAMBAR	9657167937	<i>SDH</i>
3	509	KORE AKASH SATISH	9130091345	
4	510	MUGALIKAR PRIYANKA RANJEET	9673528094	<i>Priyanka</i>
5	511	MULLA AQSA MANOJ	7972825242	<i>Amr</i>
6	512	NARANDE POONAM DHANAJI	9767508304	<i>Narande</i>
7	513	NAVALAGI BHAKTI RAVASO	7796851869	<i>B. R. Navalagi</i>
8	514	PATNI REHAN SULTAN	8087231217	<i>Rehan</i>
9	515	PUJARI DHANASHRI BHAUSO	9359106619	
10	516	SURYAVANSHI SANIKA PRATAP	9356667072	<i>Surte</i>
11	517	TAMBEKAR NIKITA NIVRUTTI	7387738900	<i>NJ</i>
12	518	ZUNAKE PAVAN BALU	7028406729	



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Vivekanand College, Kolhapur (Empowered Autonomous)
PG Department of Chemistry
M.Sc. I, Sem I Organic Chemistry (Elective)
Internal Examination 2023-24
Subject: Organic Chemistry (Elective)

Day and Date: Tuesday 09/11/2023

Marks: 20

Time: 11.30am to 12.30 pm

- Instructions: 1. Write any two questions.
2. Figures to draw necessary diagram wherever necessary.
3. Each question carries 10 Marks.

- Q. 1 Explain with mechanism curtius and favorskii reaction.
Q. 2 What is Gilman reagent? Explain its applications in organic synthesis.
Q. 3 Explain with mechanism Schmidt and Wagner Meerwein reaction.
Q. 4 Give any three applications of each organotitanium and organomercury compound.



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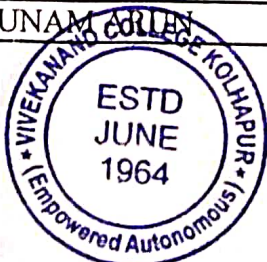
VIVEKANAND COLLEGE, KOLHAPUR (EMPOWERED AUTONOMOUS)

DEPARTMENT OF CHEMISTRY

M.Sc. I Organic Chemistry Internal Exam Student List Year 2023-24

SrNo	Roll No.	StudentName	StudentMobileNo	Sign
1	468	AMBEKAR SAKSHI MOHAN	7507497957	<u>Ambekar</u>
2	469	BHISE GANESH DIPAK	8830992863	<u>Bhise</u>
3	470	BHOSALE PRADNYA GAJANAN	9284239009	
4	471	CHOUGULE ASHUTOSH ARJUN	7058440107	<u>Chougule</u>
5	472	DALAVI RUTURAJ NANDKUMAR	8624875069	<u>Dalavi</u>
6	473	DESAI SANCHITA PANDURANG	7887898120	<u>Desai</u>
7	474	GADIKAR VEENA MAHADEV	8010344850	<u>Gadikar</u>
8	493	HARSHADA ARUN PATIL	7666388244	<u>Harshada</u>
9	475	JABAGOND ANJALI PARAGOND	9730443858	<u>Anjali</u>
10	476	JADHAV ANURAG BHARAT	8087536025	<u>Anurag</u>
11	478	JADHAVE SOURABH RAMESH	9860945397	<u>Sourabh</u>
12	479	KAMBLE RUTUJA RAGHUNATH	9021084503	<u>Kamble</u>
13	480	KARADE YOGESH NITIN	9850135407	<u>Karade</u>
14	481	KARALE PRATIK SANJAY	8421228799	<u>Karale</u>
15	483	KOTMIRE ROHIT DATTATRAY	7066684747	<u>Kotmire</u>
16	484	KULKARNI NUPUR SUJIT	9637272169	<u>Kulkarni</u>
17	485	KULKARNI SHRUTI SHRIPAD	8855936509	
18	486	KUMBHAR DHANASHRI DATTATRAY	8080505719	<u>D.K.Kumbhar</u>
19	487	LAD NIRAJ RAMESH	9145722392	
20	488	MANDEKAR AISHWARYA VIJAY	8806995356	<u>A.V.Mande</u>
21	489	MOHITE SHITAL SUNIL	9767115828	<u>Mohite</u>
22	490	NAIKWADE SHOABAKHTAR MAHAMAI	9561228528	<u>Naikwade</u>
23	491	PANHALKAR RADHIKA SUNIL	7420885172	<u>Radhika</u>
24	492	PATIL DIVYA UMESHCHANDRA	8483042594	<u>Divya Patil</u>
25	494	PATIL MAYUR PRAKASH	8485025353	<u>Mayur</u>
26	495	PATIL RUTUJA RANGRAO	9028416273	<u>Rutuja</u>
27	496	PATIL SHIVANI PRAKASH	8698322330	<u>Shivani</u>
28	497	PATIL VISHWAJIT TANAJI	9370771545	
29	498	PATTANSHETTI SAKSHI RAMESH	7387381791	<u>Sakshi R.P.</u>
30	499	PATWARDHAN VARADA MILIND	9175962145	
31	482	SAIRAJ RAGHUNATH KARNIK	9112084852	<u>Sairaj</u>
32	500	SAMBARE PRATHMESH MADHUKAR	9665665623	<u>Prathmesh</u>
33	501	SANYAR HARSHAD MAHADEV	7620431815	<u>Harshad</u>
34	502	SAWANT NISHANT NETAJI	9529257024	<u>Nishant</u>
35	477	SHANKAR GAJANAN JADHAV	7744838050	<u>Shankar</u>
36	503	SUTAR ABOLI KRUSHNAT	7020780655	<u>Aboli</u>
37	504	SUTAR OMKAR SANJAY	9595108820	<u>Omkar</u>
38	505	TASHILDAR SHIVANI NAMDEV	9156913272	<u>Shivani</u>
39	506	VANKUNDRE PUNAM COLLEGE	9552698845	<u>Punam</u>

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VIVEKANAND COLLEGE, KOLHAPUR
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M.Sc. (Part-I) (Semester-III) Internal Examination 2023-24
ANALYTICAL CHEMISTRY (OE)

Day and Date: 09/11/2023

Total Marks: 20

Time: 11.30 - 12.30 pm

Q1. Answer the following questions (Anyone)		[10]
a)	Explain the construction and working of dropping mercury electrodes with a neat labelled diagram.	
b)	Explain principle of polarography with ILKOVIC Equation, and application of polarography.	
Q2.	Q1. Answer the following questions (Anyone)	[10]
a)	Describe pure rotational raman spectra for linear and symmetric top molecules.	
b)	Define Spectroscopy. Explain nature of electromagnetic radiation with characteristics of wave.	



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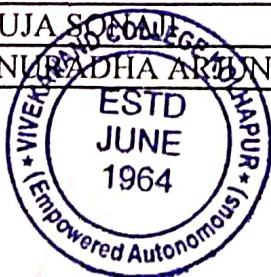
VIVEKANAND COLLEGE, KOLHAPUR (EMPOWERED AUTONOMOUS)

DEPARTMENT OF CHEMISTRY

M.Sc. I Analytical Chemistry Internal Exam Student List Year 2023-24

SrNo	Roll No.	StudentName	StudentMobileNo	Sign
1	519	AGALAVE PRATHMESH SURESH	9359478127	<i>Prathmesh</i>
2	520	CHILE SURAJ KRISHNAT	9503336444	<i>Chile</i>
3	521	CHOTHE SAMRUDDHI SHASHIKANT	9322680668	<i>Chotha</i>
4	522	DESAI AKANKSHA ABASAHEB	9309565881	<i>Desai</i>
5	523	DESAI GURUDATTA BHAUSO	8767822623	<i>Desai</i>
6	524	DESAI KULSUM JAVED	7798405285	<i>Desai</i>
7	525	DESAI NISHANT DINKAR	7088570679	<i>Desai</i>
8	526	DEULKAR RADHIKA MAHADEV	7249744813	<i>Deulkar</i>
9	527	GASTI BHUPALI NARASAGOUDA	9325569711	<i>Gasti</i>
10	528	GHUGARE PRANALI VIJAY	9356893303	<i>Ghugare</i>
11	529	GILBILE RUPALI SADASHIV	8425837387	<i>Gilbile</i>
12	530	GONDKAR RASIKA MAHESH	9503352769	<i>Gondkar</i>
13	531	HAVAL PRATHAMESH MUKUND	9284937049	<i>Haval</i>
14	532	INGALE SHRUTIKA MANIK	7666596002	<i>Ingale</i>
15	533	INGAWALE GAURI KUNDALIK	7720028935	<i>Ingale</i>
16	534	JADHAV GOURI VIJAY	8766909495	<i>Jadhav</i>
17	535	JADHAV PRACHI PRAKASH	9686136731	<i>Jadhav</i>
18	536	JADHAV PRIYANKA DNYANDEV	9765076561	<i>Jadhav</i>
19	537	JAGTAP SANKET DADASO	9792095050	<i>Jagtap</i>
20	538	JANGAM PRANAV BHIKAJI	8390083276	<i>Jangam</i>
21	539	KARAPE SWARUP JAYSING	7433411989	<i>Karape</i>
22	540	KHARDEKAR SANYOGITA CHIMASAHEB	8600203170	<i>Khardekar</i>
23	541	MAGDUM NIVEDITA RAJKUMAR	9840939485	<i>Magdum</i>
24	542	MORE SHIVANI PANURANG	9579428138	<i>More</i>
25	543	PATIL GAYATRI SHAMRAO	9130348189	<i>Patil</i>
26	544	PATIL PARTH PRAKASH	7057521611	<i>Patil</i>
27	545	PATIL SHRAVANI BALVANT	7028487627	<i>Patil</i>
28	546	PATIL SUSHMITA TANAJI	9370176501	<i>Patil</i>
29	547	PATIL SWARUP SARJERAO	9527226098	<i>Patil</i>
30	548	PATIL TEJAS SIDRAM	8830839624	<i>Patil</i>
31	549	PETKAR SANCHITA SANJAY	9975273245	<i>Petkar</i>
32	550	RAVAN AMOL ARUN	9049354196	<i>Ravan</i>
33	551	SALOKHE ASHWINI VISHNU	940426486	<i>Salokhe</i>
34	552	SHAIKH MUSKAN IMTIYAJ	8080259390	<i>Shaikh</i>
35	553	SUTAR MUSKAN KALANDAR	9643628829	<i>Sutar</i>
36	554	TAKAWADE ALIN JAVED	7276782027	<i>Takawade</i>
37	555	TORASKAR ROHIT UTTAM	9370332528	<i>Toraskar</i>
38	556	WAGAVEKAR PRERANA JITENDRA		
39	557	WAGH RUTUJA SACHIN	7035097	<i>Wagh</i>
40	558	ZIRANGE ANIRADHA ARJUN	7769893642	<i>Zirange</i>

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Shikha

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VIVEKANAND COLLEGE, KOLHAPUR (AUTONOMOUS)

M.Sc. Part- I (Chemistry) (Sem-I) Internal Examination: Oct-2023

Course Code: RMD14CHE11

Research methodology

Day: _____

Time: 3:00

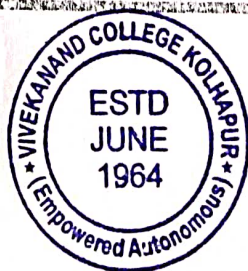
Date: 10/11/2023

Marks : 20

Instructions:

- 1) All the questions are compulsory.
- 2) Figures to the right indicate full marks.
- 3) Draw neat labelled diagrams wherever necessary.

Solve any TWO of the following	
Q1	What is data interpretation? Write different steps in writing Research Report
Q2	What is Plagiarism? Explain concept, types, significance, consequences of plagiarism.
Q3	Write about following terms a) H-index b) I-10 index c) Citation index d) Google scholar e) Impact factor
Q4	Write in detail about qualitative approaches in research.



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Research Methodology

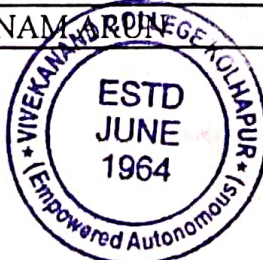
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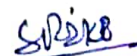
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3	521	CHOTHE SAMRUDDHI SHASHIKANT	9322680668	<u>Schothe</u>
4	522	DESAI AKANKSHA ABASAHEB	9309565881	<u>Desai</u>
5	523	DESAI GURUDATTA BHAUSO	8767822523	<u>Desai</u>
6	524	DESAI KULSUM JAVED	7798405285	<u>Desai</u>
7	525	DESAI NISHANT DINKAR	7083570679	<u>Nishant</u>
8	526	DEULKAR RADHIKA MAHADEV	7249744813	<u>Radhika</u>
9	527	GASTI BHUPALI NARASAGOUDA	9325569371	<u>Gasti</u>
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11	529	GILBILE RUPALI SADASHIV	8425837387	<u>Gilbile</u>
12	530	GONDKAR RASIKA MAHESH	9503252769	<u>Rasika</u>
13	531	HAVAL PRATHAMESH MUKUND	9284937049	<u>Prathal</u>
14	532	INGALE SHRUTIKA MANIK	7666546002	<u>Smrtingale</u>
15	533	INGAWALE GAURI KUNDALIK	7720026935	<u>Gauri</u>
16	534	JADHAV GOURI VIJAY	8766909495	<u>GADHAV</u>
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19	537	JAGTAP SANKET DADASO	7792095050	<u>Jagtap</u>
20	538	JANGAM PRANAV BHIKAJI	8390083276	<u>Pranav</u>
21	539	KARAPE SWARUP JAYSING	7499411989	<u>S.J. Karape</u>
22	540	KHARDEKAR SANYOGITA CHIMASAHEB	8600203170	<u>Sanyogita</u>
23	541	MAGDUM NIVEDITA RAJKUMAR	7840939485	<u>Magdum</u>
24	542	MORE SHIVANI PANURANG	9579478138	<u>More</u>
25	543	PATIL GAYATRI SHAMRAO	9130348189	<u>Gayatri</u>
26	544	PATIL PARTH PRAKASH	7057521611	<u>Patil</u>
27	545	PATIL SHRAVANI BALVANT	7028487627	<u>Shravani</u>
28	546	PATIL SUSHMITA TANAJI	9370176301	<u>Patil</u>
29	547	PATIL SWARUP SARJERAO	9527226098	<u>S.Patil</u>
30	548	PATIL TEJAS SIDRAM	8830839621	<u>Tejapatil</u>
31	549	PETKAR SANCHITA SANJAY	9975273215	<u>Sanchita</u>
32	550	RAVAN AMOL ARUN	9049354196	<u>Amol</u>
33	551	SALOKHE ASHWINI VISHNU	9404264866	<u>Salokhe</u>
34	552	SHAIKH MUSKAN IMTIYAJ	8080259390	<u>Muskaish</u>
35	553	SUTAR MUSKAN KALANDAR	9673628825	<u>Sutar</u>
36	554	TAKAWADE ALIN JAVED	7276782627	<u>Alin</u>
37	555	TORASKAR ROHIT UTTAM	9370332528	<u>Toraskar</u>
38	556	WAGAVEKAR PRERANA JITENDRA		
39	557	WAGH RUTUJA SONAJI	7090097390	<u>Rutuja</u>
40	558	ZIRANGE ANURADHA	7769893642	<u>Anirange</u>



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