



Late Reverend Father Shri.MaskujiBirujiBurungaleShikshanSanstha, ShegaonR.No. F-422.

**SHRI. DNYANESHWAR MASKUJI BURUNGALE
SCIENCE & ARTS COLLEGE SHEGAON - 444203 Dist:
BULDANA.**

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(Affiliated to SantGadge Baba Amravati University, Amravati) [College Code No. 333]

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**ShriRamvijayDnyaneshwarBurungale
President**

**Dr.R.E.Khadsan
Principal**

Email: - drkhadsan@gmail.com Mob. 09767317055

(NAAC Accredited with B⁺Grade, C.G.P.A. – 2.65)

Out. No. SDBMSC/NAAC/IQAC/AQAR/2022-23/3343.

Date:-22-03-2023

DECLARATION

The Mechanism to deal with internal examination related grievances is transparent, time- bound and efficientduring year 2022-2023.



Rashadan ..

Principal
Shri Dnyaneshwar Maskuji Burungale
Science & Arts College, Shegaon
Dist. Buldana, Pin - 444203

SHRI. DNYANESHWAR MASKUJI BURUNGALE
SCIENCE & ARTS COLLEGE SHEGAON - 444203 Dist: BULDANA.

Internal evaluation is crucial part for student evaluation as per SGBA University Amravati guidelines. Various internal evaluation modes are used like Written-Test, Practical Examination, MultipleChoice Question (MCQ), Online Exam, Quiz Competition, AssignmentsSubmission, Projects Reports, Seminars Presentation, GroupDiscussion, Survey Methods, Study Tour, Industrial Visits andField Visits are the modes of conducting internal assessments. Transparency in internal evaluation is ensured by displaying marksand performance of the students on the departmental notice board.If any grievance, arise with same issue then students concern tothe subject teachers for the corrections. If the student is notsatisfied, the matter is placed before the Head of Department.Grievances associated with the internal examination are taken upimmediately and resolved it given deadline which is less thanone week. However, such an occasion rarely arises and most of thestudents are satisfied with the transparency and efficiency of theinternal assessment as is evident from their feedback.



Rashadkar ..

Principal
Shri Dnyaneshwar Maskuji Burungale
Science & Arts College, Shegaon
Dist. Buldana, Pin - 444203

Certificate

Certified that the Practicals written in this
practical notebook is satisfactorily performed by

Master/Miss Ky. Anjali Ramesh Thoke

Class B.S.C. II^{year} Sec Roll. No.

During the Academic session 2022 - 2023

02/05/2023

Date

21-5-23

K. Ramesh
Teacher Incharge

Seal of School / College

Sig. of H.O.D. / Principal

Shrikrupa

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9.	To determine the colour of soil.	19-20		
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Realistic

Realistic

Ku. Anjali Rajesh Thoke

shree . D. M. Burugle college
shegaon

class $\Rightarrow$ BSc. IInd (sem IV)

Sub $\Rightarrow$ Environmental science
(practical record)

Experiment No. 1

Aim :- To estimate hardness of given waste water sample.

Principle :- Hardness is generally caused by calcium and magnesium ions present in water. Polyvalent ions of some other metals like Iron, Strontium, aluminium, zinc, manganese are also capable of precipitating the soap and thus contributing to the hardness. However, the concentration of these ions are very low in natural water and hence therefore hardness is generally measured as a concentration of only calcium and magnesium ions.

Calcium and magnesium form a complex of red wine colour with eriochrome black tea indicator at a pH of 10. EDTA has a stronger affinity towards Ca^{2+} and Mg^{2+} and therefore by addition of EDTA the formal complex of blue colour is formed.

Reagents :- EDTA solution 0.1 M buffer solution
eriochrome black tea indicator [Solochrome sodium sulphide solution indicator]

Name of Practical

- Procedure :-
- 1) Take 50 ml of sample in a conical flask
 - 2) Add 1 ml of buffer solution
 - 3) Add a pinch of Eriochrome black tea indicator
 - 4) Titrate the content against EDTA solution
 - 5) Colour changes from wine red to blue

Formula :-

$$\text{Hardness mg/l} = \frac{\text{ml of EDTA used} \times 100}{\text{ml of sample}}$$

observation table :-

Sr.No	Initial reading	final reading	Mean
1	50 ml	28.8	
2	50 ml	29.1	28.6
3	50 ml	28.1	

Calculation :-

$$= \frac{28.6 \times 1000}{50}$$

$$= \frac{28.600}{50}$$

$$= 572 \text{ mg/lit}$$

Teacher's Signature

Name of Practical

Result :- The hardness of the given
waste water sample is found to be
572 mg/lit

Rebabde

An
Poster

"JABLONSKI ENERGY DIAGRAM"

In partial fulfillment of requirements for the degree of
Bachelor of Science

Submitted By

Aaliya Bi Abdul Razzaque Patel

Under the Guidance of

Prof. A.B.WADEKAR



Department of Chemistry

Shri. Dnyaneshwar Maskuji Burungale Science & Arts College,

Shegaon-444203 Dist-Buldana (M.S.)

Academic Session: 2022-2023

DEPARTMENT OF CHEMISTRY

CERTIFICATE

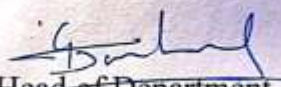
This is to certify that Ms/Mr. Aaliya Bi Abdul Razzaque Patel
of B.Sc.-IInd (Sem-IV) has satisfactory complete the given Poster report
on "Seminar **title of activity Jablonski Energy Digram** " in the subject
Chemistry during session 2023-2024 as prescribed by Sant Gadge Baba
Amravati University, Amravati.

Date of Submission:- 19/03/2024



Subject Teacher

Dr. A.B.Wadekar



Head of Department

Prof. Dr. G.D.Tambatkar

Dr. G. D. Tambatkar
HOD & Assistant Professor,
Department of Chemistry
Shri D.M.Burungale Science
& Art College, Shegaon

An
Seminar
Nuclear raction
In partial fulfillment of requirements for the degree of
Bachelor of Science

Submitted By
“.....Anjali rajesh thoke.....”

Under the Guidance of
Dr. Ku.R.J.Deshmukh



Department of Chemistry
Shri Dnyaneshwar Maskuji Burungale Science & Arts College,
Shegaon-444203, Dist-Buldana (M.S.)
Academic Session: 2022-2023

Shri Dnyaneshwar Maskuji Burungale Science and Art's
College Shegaon, Dist. Buldana-444203



DEPARTMENT OF CHEMISTRY

CERTIFICATE

This is to certify that Ms/Mr. ...**Anjali rajesh thoke**.....of B.Sc.-IIIrd year Semester- VI has satisfactory complete the given Seminar Assignment work on ".....**Nuclear...reaction**....." in the subject Chemistry during session 2022-2023 as prescribed by Sant Gadge Baba Amravati University, Amravati.

Date of Submission:- 11-03-2024

Subject Teacher
Dr. Ku.R.J.Deshmukh

Head of Department
Dr. G.D. Tambatkar

SHRI DNYANESHWAR MASKUJI BURUNGALE
SCIENCE & ART COLLEGE, SHEGAON
DIST. BULDANA-444203
DEPARTMENT OF CHEMISTRY
ASSISTANT PROFESSOR
Dr. G.D. Tambatkar
& Art College, Shegaon

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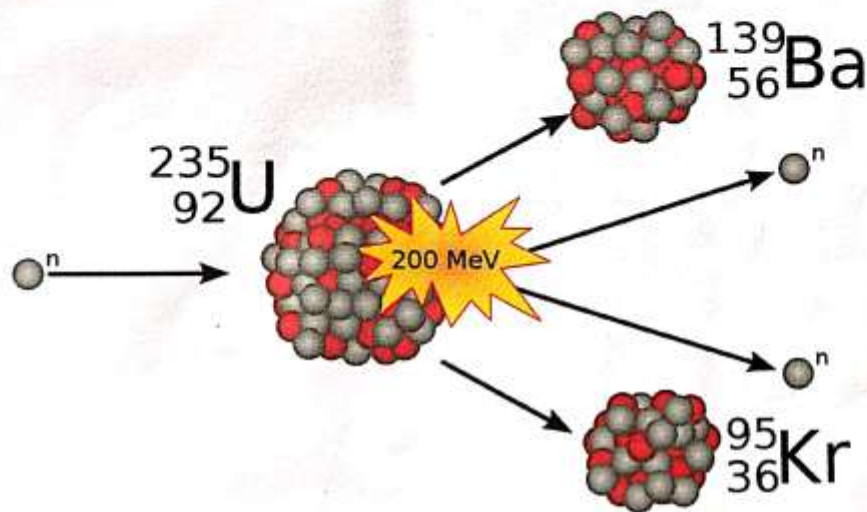
<i>SN</i>	<i>Title</i>	<i>Page number</i>
<i>1</i>	<i>Introduction</i>	<i>1</i>
<i>2</i>	<i>Types of nuclear reaction</i>	<i>2</i>
<i>3</i>	<i>digram</i>	<i>3</i>
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- Nuclear reaction

In nuclear physics, a nuclear reaction occurs when an atomic nucleus collides with another atomic nucleus or subatomic particle to produce one or more new nuclides. A nuclear reaction must fundamentally change the characteristics or properties of an atomic nucleus to be considered a nuclear reaction. Alternatively, a nuclear reaction can refer to the spontaneous emission of radiation by an unstable radioactive nucleus to achieve a more stable form without collision.

- Nuclear reaction diagram

Below is a diagram of possibly the most infamous nuclear reactions in history. The splitting of the atom, specifically uranium-235. The nuclear bomb that was dropped over Hiroshima in World War 2. A neutron collides with the atomic nucleus, causing the uranium to split into Barium-139, Krypton-95, 2 neutrons, and releasing 200 MeV of energy.



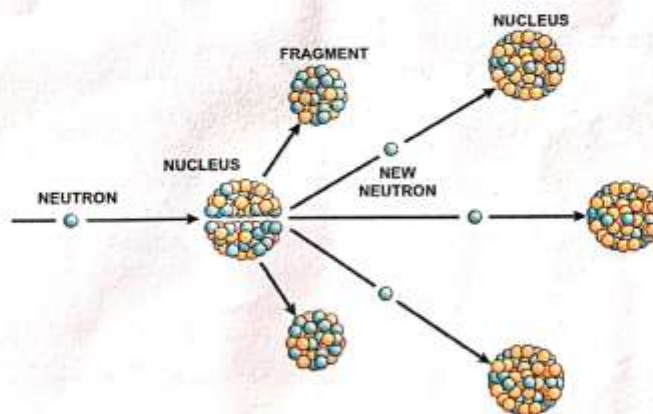
Nuclear fission reaction of Uranium-235, releasing particles and energy, Wikimedia Commons CC-BY-SA-3.0

- **Types of nuclear reactions**

There are three types of nuclear reactions, nuclear fission, nuclear fusion, and radioactive decay.

- **Nuclear fission reactions**

In a nuclear fission reaction, a parent nucleus is split to produce two daughter nuclei. The difference in mass before and after the reaction is converted directly into energy. It requires a neutron to collide with the heavy nucleus for the splitting to occur. After the neutron collides with the nucleus, it causes the nucleus to become unstable. The nucleus then splits into two daughter nuclei, that are usually similar in size, and releases two or three neutrons in the process along with large amounts of energy in the form of gamma rays. The smaller daughter nuclei are usually also unstable and may release alpha or beta particles via radioactive decay to attain stability. Part of the energy that is released in this nuclear reaction is in the form of the **kinetic energy** of the daughter nuclei.

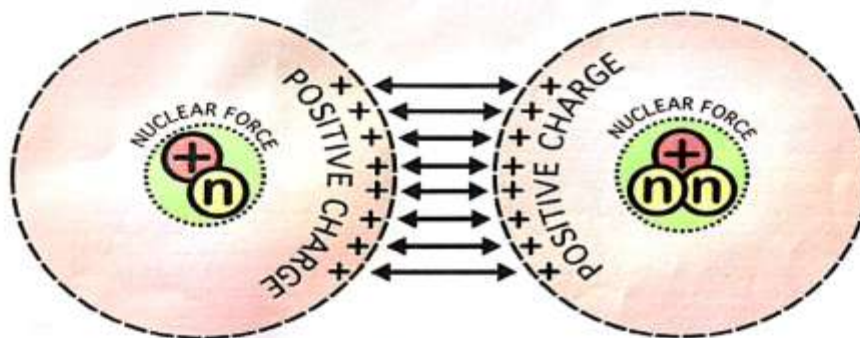


In the diagram above you can see that the nuclear fission of the example nucleus above produces 3 new neutrons, which in turn are absorbed by 3 more atomic nuclei. Those nuclei will split too, emitting 9 new neutrons in total! This is called a nuclear chain reaction and is how we are able to split more than one nucleus at a time to generate more energy.

The term **critical mass** is a term used to define the minimum amount of fissile material needed to sustain a nuclear chain reaction. The critical mass is different for every fissile material, it depends on the density, temperature, and even the shape of the material will affect the critical mass.

- Nuclear fusion reactions

If two light nuclei merge, they can form one heavier nucleus and release energy in the process. This is known as nuclear fusion. The interaction requires a significant amount of energy to occur. For fusion to occur you need to overcome the **repelling force** between **two positively charged atomic nuclei**. The two nuclei **must be close enough** that the nuclear force will be **strong** enough to induce nuclear fusion. An environment with **extremely high temperature and pressure** is needed to accomplish this, like that found inside a star.



The force repelling two positively charged nuclei that must be overcome for nuclear fusion, Wikimedia Commons CC-BY-2.5

- Nuclear decays reactions

Radioactive decay is a **random process** by which unstable atoms (with an excess of particles and/or energy) emit radiation to **achieve stability**. An excess of neutrons and protons in the nucleus can cause this instability, which leads to the emission of alpha particles, beta particles, high-energy photons (gamma radiation), or neutrons. An atom undergoes decay processes until it **reaches a stable form** where no more radiation emission occurs.

Reference :

- <https://www.studysmarter.co.uk>
- <https://www.vedantu.com>
- <https://www.fornuclear.org>

Shri. Dnyaneshwar Maskuji Burungale Science and Art's College
Shegaon Pin- 444203



DEPARTMENT OF CHEMISTRY

CERTIFICATE

This is to certify that **Ku. Pratiksha Vitthal Adhao** is a student of **B.Sc-IIIrd year / Semester- Vth** has satisfactory completed the give seminar on **"Insecticides "** Science during session 2023 - 2024 as prescribed by Sant Gadage Baba Amravati University Amravati.

Date of Submission :


Subject Teacher

Prof. Dr. R. J. Deshmukh


Head of Department

Prof. Dr. G. D. Tambatkar

Dr. G. D. Tambatkar
MOD & Assistant Professor
Department of Chemistry
Shri D.M.Burungale Science
& Art College, Shegaon

College Code : 333

File No. _____

Late Reverend Father Shri. Maskuji Biruji Burungale
Education Society, Shegaon
(R.No. F-422)

**SHRI. DNYANESHWAR MASKUJI BURUNGALE
SCIENCE & ARTS COLLEGE**

SHEGAON DIST - BULDANA

(NAAC Accredited with B+ Grade, C.G.P.A. - 2.65)



ACADEMIC YEAR - 20 22 20 23

Internal Assessment

Academic Session

2022 - 2023

Department of Chemistry



333-Shri Dnyaneshwar Maskuji Burungale Science College, SHEGAON

SUBJECT WISE PRACTICAL MARKS SUMMER 2023

B.Sc. PART-III (SEMESTER-VI) Summer 2023

CHE - 2 CHEMISTRY

Max. Marks : 50

SNo	Roll No.	Student Name	Marks	SNo	Roll No.	Student Name	Marks
1	21AB317007	Aashatai Raju Gite	42	18	21AB317041	Gauri Govind Varma	40
2	21AB317008	Abhishek Dinesh Gupta	49	19	21AB317043	Gayatri Babulal Karale	40
3	21AB317013	Ajinkya Avinash Khawale	46	20	21AB317044	Gayatri Janardhan Damdhar	42
4	21AB317016	Anjali Machhindra Borade	45	21	21AB317045	Gayatri Nitin Kathole	40
5	21AB317017	Ankit Mahadeo Dhoran	37	22	21AB317048	Gunjan Sunil Ingle	40
6	21AB317018	Ankita Babji Yerukar	40	23	21AB317049	Gururaj Rajendra Shengokar	41
7	21AB317019	Ankita Ramdas Ingle	48	24	21AB317050	Ishwari Rajesh Gurav	40
8	21AB317020	Anuja Raghunath Verulkar	42	25	21AB317051	Jaya Namdev Mane	45
9	21AB317023	Aashifa Mehreen Aabid Shah	AA	26	21AB317055	Laxmi Pandurang Falke	43
10	21AB317025	Ashvini Shantaram Bawane	44	27	21AB317056	Mahesh Gajanan Katole	41
11	21AB317027	Chaya Laxman Rathod	42	28	21AB317057	Mahesh Maroti Sangle	42
12	21AB317028	Darshana Rajendra Ugale	43	29	21AB317058	Mohini Umesh Yenkar	AA
13	21AB317029	Dharti Ramesh Kankal	42	30	21AB317059	Monika Gopal Adhav	43
14	21AB317033	Divya Shrikant Umale	41	31	21AB317062	Mukta Vitthal Borokar	46
15	21AB317034	Dnyaneshwar Murlidhar Nile	43	32	21AB317064	Neha Keshav Bihade	40
16	21AB317036	Falzan Shah Farooque Shah	37	33	21AB317067	Nikita Sanjay Shengokar	42
17	21AB317038	Ganesh Bhanudas Dahibhat	40	34	21AB317068	Nishita Rajesh Santoshi	46

Note : If any Candidate's Name is missing in this list, Please indicate the same at the end and write a marks.



333-Shri Dnyaneshwar Maskuji Burungale Science College, SHEGAON

SUBJECT WISE PRACTICAL MARKS SUMMER 2023

B.Sc. PART-III (SEMESTER-VI) Summer 2023

CHE - 2 CHEMISTRY

Max. Marks : 50

SNo	Roll No.	Student Name	Marks	SNo	Roll No.	Student Name	Marks
35	21AB317069	Om Ravindra Deshmukh	43	52	21AB317108	Shweta Gajanan Lokhande	44
36	21AB317070	Pallavi Manohar Mankar	46	53	21AB317111	Sneha Sanjay Shelke	46
37	21AB317072	Pooja Valmik Pingale	44	54	21AB317112	Suhas Eknath Borokar	40
38	21AB317073	Pranali Digambar Bhonde	46	55	21AB317113	Sujwal Manoj Bangar	48
39	21AB317075	Pranali Prakash Satote	41	56	21AB317115	Tejas Sudhakar Bawane	42
40	21AB317076	Pranoti Shriram Akhare	40	57	21AB317116	Vaibhav Baban Paturde	40
41	21AB317077	Pratiksha Ratnakar Shegokar	42	58	21AB317119	Vaishnavi Devital Bathe	42
42	21AB317080	Priyanka Vijay Namdas	40	59	21AB317121	Vaishnavi Gopal Wankhade	42
43	21AB317081	Priyanshu Mohan Gupta	45	60	21AB317122	Vaishnavi Ramdas Kute	42
44	21AB317086	Rasika Sanjay Paturkar	44	61	21AB317127	Vidhi Shirish Gupta	40
45	21AB317087	Rohini Dnyandeo Khutafale	46	62	21AB317128	Vishakha Gajanan Shegokar	46
46	21AB317092	Sakshi Kishor Shende	49	63	21AB317129	Vishal Janrao Maskar	40
47	21AB317093	Sakshi Milind Jadhao	45	64	21AB317132	Yashashri Wasudeo Giri	49
48	21AB317094	Sakshi Rajaram Ambuskar	42	65	22AB510201	Chaitali Murlidhar Sultane	40
49	21AB317096	Sana Kausar Shaikh Lateef	44	66	22AB510202	Maya Shivaji Dharamkar	42
50	21AB317100	Sharyu Sunil Uchade	44	67	22AB510203	Rushikesh Ramkrushna Khandagale	40
51	21AB317106	Shrutli Ghanshyam Sharma	44				

Note : If any Candidate's Name is missing in this list, Please indicate the same at the end and write marks.

(Signature)

HOD & Assistant in Charge
Department of Chemistry
Shri Dnyaneshwar Maskuji Burungale
Science College, SHEGAON
Page 2 of 2

(Signature)
Shri Dnyaneshwar Maskuji Burungale
Science College, SHEGAON
Dist - Buldana (M.S.)

Sant Gadge Baba Amravati University Amravati
Practical Examination-Summer-2023

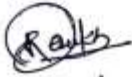
Centre Name:- Shri. Dnyaneshwar Maskuji Burungale Science and Art College Shegaon
 Subject:- Chemistry Class:- B.Sc.-III (Sem-VI) Date:- 03/05/2023 Time :-

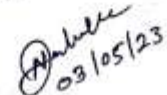
MARKSHEET

Sr. No.	Name	Obtain Mark	
		In Figure	in Word
1)	Aashatai Raju Gite	42	Forty two.
2)	Aashifa Aabid Shah		
3)	Abhishek Dinesh Gupta	49	Forty Nine
4)	Ajinkya Avinash Khawale	46	Forty Six
5)	Anjali Machhindra Borade	45	Forty Five
6)	Ankit Mahadeo Dhoran	37	Thirty Seven
7)	Ankita Babji Yerukar	39	Thirty Nine
8)	Ankita Ramdas Ingle	46	Forty Six
9)	Anuja Raghunath Verulkar	42	Forty two
10)	Ashvini Shantaram Bawane	44	Forty Four.
11)	Chaitali Murlidhar Sultane	40	Forty
12)	Chaya Laxman Rathod	42	Forty two
13)	Darshana Rajendra Ugale	43	Forty three
14)	Dharti Ramesh Kankal	42	Forty two
15)	Dhiraj Santosh Maskar	40	Forty AB
16)	Divya Shrikant Umale	41	Forty One
17)	Dnyaneshwar Murlidhar Nile	43	Forty three
18)	Faizan Farooque Shah	37	Thirty Seven
19)	Ganesh Bhanudas Dahibhat	40	Forty
20)	Gauri Govind Varma	40	Forty

21)	Gayatri Babulal Karale	40	Forty
22)	Gayatri Janardhan Damdhar	42	Forty two
23)	Gayatri Nitin Kathole	40	Forty
24)	Gunjan Sunil Ingle	40	Forty
25)	Gururaj Rajendra Shegokar	41	Forty One
26)	Ishwari Rajesh Gurav	40	Forty
27)	Jaya Namdev Mane	45	Forty Five
28)	Laxmi Pandurang Falke	43	Forty three
29)	Mahesh Gajanan Katole	41	Forty one
30)	Mahesh Maroti Sangle	42	Forty two
31)	Maya Shivaji Dharamkar	42	Forty two
32)	Mohini Umesh Yenkar		
33)	Monika Gopal Adhav	43	Forty three
34)	Mukta Vitthal Borokar	46	Forty Six
35)	Neha Keshav Bihade	40	Forty
36)	Nikita Sanjay Shengokar	42	Forty two
37)	Nishita Rajesh Santoshi	46	Forty six
38)	Om Ravindra Deshmukh	43	Forty three
39)	Pallavi Manohar Mankar	46	Forty Six
40)	Pooja Valmik Pingale	44	Forty Four
41)	Pranali Digambar Bhonde	46	Forty Six
42)	Pranali Prakash Satote	41	Forty One
43)	Pranoti Shriram Akhre	40	Forty
44)	Pratiksha Ratnakar Shegokar	42	Forty two
45)	Priyanka Vijay Namdas	40	Forty
46)	Priyanshu Mohan Gupta	45	Forty Five

47)	Rasika Sanjay Pahurkar	44	Forty Four
48)	Rohini Dnyandeo Khutafale	46	Forty Six
49)	Rohini Madhukar Masal	48	Forty Eight
50)	Rushikesh Ramkrushna Khandagale	40	Forty
51)	Sakshi Kishor Shende	49	Forty Nine
52)	Sakshi Rajaram Ambuskar	42	Forty two
53)	Sana Kausar Lateef Shaikh	44	Forty Four
54)	Sharyu Sunil Uchade	44	Forty Four
55)	Shruti Ghanshyam Sharma	44	Forty Four
56)	Shweta Gajanan Lokhande	44	Forty Four
57)	Sneha Sanjay Shelke	46	Forty Six
58)	Suhas Eknath Borokar	40	Forty
59)	Sujwal Manoj Bangar	48	Forty Eight
60)	Tejas Sudhakar Bawane	42	Forty two
61)	Vaibhav Baban Paturde	40	Forty
62)	Vaishnavi Devilal Bathe	42	Forty two
63)	Vaishnavi Gopal Wankhade	42	Forty two
64)	Vaishnavi Ramdas Kute	42	Forty two
65)	Vidhi Shirish Gupta	40	Forty
66)	Vishakha Gajanan Shegokar	46	Forty Six
67)	Vishal Janrao Maskar	40	Forty
68)	Yashashri Wasudeo Giri	48	Forty Eight
69)	Sakshi Milind Jadhao	45	Forty Five


Internal


03/05/23
External

Shri. Dnyaneshwar Maskuji Burungale Science and Arts College Shegaon

Department of Chemistry

Internal Assessment S-2023

Unit Test B.Sc III (Sem VI)

SN	Name	UNIT TEST I	Signature	UNIT TEST II	Signature
1)	Aashatai Raju Gite		<i>Aashatai</i>		<i>Aashatai</i>
2)	Aashifa Aabid Shah				
3)	Abhishek Dinesh Gupta		<i>Abhishek</i>		<i>Abhishek</i>
4)	Ajinkya Avinash Khawale		<i>Ajinkya</i>		<i>Ajinkya</i>
5)	Anjali Machhindra Borade		<i>Anjali Borade</i>		<i>Anjali Borade</i>
6)	Ankit Mahadeo Dhoran		<i>Ankit Dhoran</i>		<i>Ankit Dhoran</i>
7)	Ankita Babji Yerukar		<i>Ankita Yerukar</i>		<i>Ankita Yerukar</i>
8)	Ankita Ramdas Ingle		<i>Ankita Ingle</i>		<i>Ankita Ingle</i>
9)	Anuja Raghunath Verulkar		<i>Anuja Verulkar</i>		<i>Anuja Verulkar</i>
10)	Ashvini Shantaram Bawane		<i>Ashvini Bawane</i>		<i>Ashvini Bawane</i>
11)	Chaitali Murlidhar Sultane		<i>Chaitali Sultane</i>		<i>Chaitali Sultane</i>
12)	Chaya Laxman Rathod		<i>Chaya Rathod</i>		<i>Chaya Rathod</i>
13)	Darshana Rajendra Ugale		<i>Darshana Ugale</i>		<i>Darshana Ugale</i>
14)	Dharti Ramesh Kankal		<i>Dharti Kankal</i>		<i>Dharti Kankal</i>
15)	Dhiraj Santosh Maskar				
16)	Divya Shrikant Umale		<i>Divya Umale</i>		<i>Divya Umale</i>
17)	Dnyaneshwar Murlidhar Nile		<i>Dnyaneshwar Nile</i>		<i>Dnyaneshwar Nile</i>
18)	Faizan Farooque Shah		<i>Faizan Shah</i>		<i>Faizan Shah</i>
19)	Ganesh Bhanudas Dahibhat		<i>Ganesh Dahibhat</i>		<i>Ganesh Dahibhat</i>
20)	Gauri Govind Varma				
21)	Gayatri Babulal Karale		<i>Gayatri Karale</i>		<i>Gayatri Karale</i>
22)	Gayatri Janardhan Damdhar		<i>Gayatri Damdhar</i>		<i>Gayatri Damdhar</i>
23)	Gayatri Nitin Kathole		<i>Gayatri Kathole</i>		<i>Gayatri Kathole</i>
24)	Gunjan Sunil Ingle		<i>Gunjan Ingle</i>		<i>Gunjan Ingle</i>
25)	Gururaj Rajendra Shegokar		<i>Gururaj Shegokar</i>		<i>Gururaj Shegokar</i>
26)	Ishwari Rajesh Gurav		<i>Ishwari Gurav</i>		<i>Ishwari Gurav</i>
27)	Jaya Namdev Mane		<i>Jaya Mane</i>		<i>Jaya Mane</i>
28)	Laxmi Pandurang Falke		<i>Laxmi Falke</i>		<i>Laxmi Falke</i>
29)	Mahesh Gajanan Katole		<i>Mahesh Katole</i>		<i>Mahesh Katole</i>
30)	Mahesh Maroti Sangle		<i>Mahesh Sangle</i>		<i>Mahesh Sangle</i>
31)	Maya Shivaji Dharamkar		<i>Maya Dharamkar</i>		<i>Maya Dharamkar</i>
32)	Mohini Umesh Yenkar		<i>Mohini Yenkar</i>		<i>Mohini Yenkar</i>
33)	Monika Gopal Adhav		<i>Monika Adhav</i>		<i>Monika Adhav</i>
34)	Mukta Vitthal Borokar		<i>Mukta Borokar</i>		<i>Mukta Borokar</i>
35)	Neha Keshav Bihade				
36)	Nikita Sanjay Shengokar		<i>Nikita Shengokar</i>		<i>Nikita Shengokar</i>
37)	Nishita Rajesh Santoshi		<i>Nishita Santoshi</i>		<i>Nishita Santoshi</i>
38)	Om Ravindra Deshmukh		<i>Om Deshmukh</i>		<i>Om Deshmukh</i>
39)	Pallavi Manohar Mankar		<i>Pallavi Mankar</i>		<i>Pallavi Mankar</i>
40)	Pooja Valmik Pingale		<i>Pooja Pingale</i>		<i>Pooja Pingale</i>
41)	Pranali Digambar Bhonde		<i>Pranali Bhonde</i>		<i>Pranali Bhonde</i>
42)	Pranali Prakash Satote		<i>Pranali Satote</i>		<i>Pranali Satote</i>
43)	Pranoti Shriram Akhre		<i>Pranoti Akhre</i>		<i>Pranoti Akhre</i>
44)	Pratiksha Ratnakar Shegokar		<i>Pratiksha Shegokar</i>		<i>Pratiksha Shegokar</i>
45)	Priyanka Vijay Namdas		<i>Priyanka Namdas</i>		<i>Priyanka Namdas</i>
46)	Priyanshu Mohan Gupta		<i>Priyanshu Gupta</i>		<i>Priyanshu Gupta</i>
47)	Rasika Sanjay Paturkar		<i>Rasika Paturkar</i>		<i>Rasika Paturkar</i>
48)	Rohini Dnyandeo Khutafale		<i>Rohini Khutafale</i>		<i>Rohini Khutafale</i>

		UNIT TEST I	Signature	UNIT TEST II	Signature
48)	Rohini Dnyandeo Khutafale		<i>R. Khutafale</i>		<i>R. Khutafale</i>
49)	Rohini Madhukar Masal		<i>R. Masal</i>		<i>R. Masal</i>
50)	Rushikesh Ramkrushna Khandagale		<i>R. Khandagale</i>		<i>R. Khandagale</i>
51)	Sakshi Kishor Shende		<i>S.K. Shende</i>		<i>S.K. Shende</i>
52)	Sakshi Rajaram Ambuskar		<i>S. Ambuskar</i>		<i>S. Ambuskar</i>
53)	Sana Kausar Lateef Shaikh		<i>S. Shaikh</i>		<i>S. Shaikh</i>
54)	Sharyu Sunil Uchade		<i>S. Uchade</i>		<i>S. Uchade</i>
55)	Shruti Ghanshyam Sharma		<i>S. Sharma</i>		<i>S. Sharma</i>
56)	Shweta Gajanan Lokhande		<i>S. Lokhande</i>		<i>S. Lokhande</i>
57)	Sneha Sanjay Shelke		<i>S. Shelke</i>		<i>S. Shelke</i>
58)	Suhas Eknath Borokar		<i>S. Borokar</i>		<i>S. Borokar</i>
59)	Sujwal Manoj Bangar		<i>S. Bangar</i>		<i>S. Bangar</i>
60)	Tejas Sudhakar Bawane		<i>T. Bawane</i>		<i>T. Bawane</i>
61)	Vaibhav Baban Paturde		<i>V.B. Paturde</i>		<i>V.B. Paturde</i>
62)	Vaishnavi Devlal Bathe		<i>V. Bathe</i>		<i>V. Bathe</i>
63)	Vaishnavi Gopal Wankhade		<i>V. Wankhade</i>		<i>V. Wankhade</i>
64)	Vaishnavi Ramdas Kute		<i>V.R. Kute</i>		<i>V.R. Kute</i>
65)	Vidhi Shirish Gupta		<i>V. Gupta</i>		<i>V. Gupta</i>
66)	Vishakha Gajanan Shergokar		<i>V. Shergokar</i>		<i>V. Shergokar</i>
67)	Vishal Janrao Maskar		<i>V. Maskar</i>		<i>V. Maskar</i>
68)	Yashashri Wasudeo Giri		<i>Y. Giri</i>		<i>Y. Giri</i>
69)	Sakshi. Tadha		<i>S. Tadha</i>		<i>S. Tadha</i>
70)					

Head of Department
Dr.G.D.Tambatkar

Dr. Ku. R. J. Deshmukh
Internal Examiner
Dr.Ku.R.J.Deshmukh

Shri. Dnyaneshwar Maskuji Burungale Science and Arts College Shegaon

Department of Chemistry

Internal Assessment 2022-2023

Seminar Activity B.Sc III (Sem VI)

SN	Name	Topic	Date Submission	Signature
1)	Aashatai Raju Gite	factor affecting stability of com	21-4-23	[Signature]
2)	Aashifa Aabid Shah			
3)	Abhishek Dinesh Gupta	Compton effect	18-4-23	[Signature]
4)	Ajinkya Avinash Khawale	Role of Potassium	17-4-23	[Signature]
5)	Anjali Machhindra Borade			
6)	Ankit Mahadeo Dhoran	deficiency and toxic effect of Fe ²⁺	24-4-23	[Signature]
7)	Ankita Babji Yerukar	Essential trace element of B.P.	21-4-23	[Signature]
8)	Ankita Ramdas Ingle		17-4-23	[Signature]
9)	Anuja Raghunath Verulkar	Planck's quantum theory of rad	17-4-23	[Signature]
10)	Ashvini Shantaram Bawane	role of Na ⁺ & Na ⁺ in biological	18-4-23	[Signature]
11)	Chaitali Murlidhar Sultane	Planck's Quantum Theory of Rad	22-4-23	[Signature]
12)	Chaya Laxman Rathod	Structure of organic compound	18-4-23	[Signature]
13)	Darshana Rajendra Ugale	metalloporphyrins	24-4-23	[Signature]
14)	Dharti Ramesh Kankal	Inorganic Polymer	18-4-23	[Signature]
15)	Dhiraj Santosh Maskar			
16)	Divya Shrikant Umale	Role of potassium in biology		[Signature]
17)	Dnyaneshwar Murlidhar Nile	Heme protein-mycoglobin	18-4-23	[Signature]
18)	Faizan Farooque Shah	Silicon Polymer	18-4-23	[Signature]
19)	Ganesh Bhanudas Dahibhat	mass spectrometry	20/4/23	[Signature]
20)	Gauri Govind Varma			
21)	Gayatri Babulal Karale	classified Bioinorganic chemi	21/4/23	[Signature]
22)	Gayatri Janardhan Damdhar	Vibration mode	18/4/23	[Signature]
23)	Gayatri Nitin Kathole	Technique of colorimetry & Spectro.	28/4/23	[Signature]
24)	Gunjan Sunil Ingle	Standard Hydrogen electrode	18/4/23	[Signature]
25)	Gururaj Rajendra Shegokar	metallo porphyrins	21/4/23	[Signature]
26)	Ishwari Rajesh Gurav	Role of Na ⁺ in biological activit	18/4/23	[Signature]
27)	Jaya Namdev Mane	Role of hemoglobin & myoglobin	18/4/23	[Signature]
28)	Laxmi Pandurang Falke	Terms used in UV spectroscopy	18/4/23	[Signature]
29)	Mahesh Gajanan Katole	Role of Cu ²⁺ in biological activity	20/4/23	[Signature]
30)	Mahesh Maroti Sangle	Factor favouring oxygen transport	20/4/23	[Signature]
31)	Maya Shivaji Dharamkar	Nucleic chemistry	21/4/23	[Signature]
32)	Mohini Umesh Yenkar	Kinetic stability	28/4/23	[Signature]
33)	Monika Gopal Adhav	Instrumentation (Spectrophot)	21/4/23	[Signature]
34)	Mukta Vitthal Borokar	chromatography	24-4-23	[Signature]
35)	Neha Keshav Bihade			
36)	Nikita Sanjay Shengokar	Inorganic polymers	17-4-23	[Signature]
37)	Nishita Rajesh Santoshi	De Boro's Hypothesis	18-4-23	[Signature]
38)	Om Ravindra Deshmukh	Role of Na ⁺ in Biological activities	21-4-23	[Signature]
39)	Pallavi Manohar Mankar	Oxidation & reduction titration	17-4-23	[Signature]
40)	Pooja Valmik Pingale	Silicon Polymer	17-4-23	[Signature]
41)	Pranali Digambar Bhonde	Metal carbonyl	17-4-23	[Signature]
42)	Pranali Prakash Satote	Electrochemistry	21-4-23	[Signature]
43)	Pranoti Shriram Akhre	Quinhydrone Electrode	18/4/23	[Signature]
44)	Pratiksha Ratnakar Shegokar	Phosphonitric halides	18-4-23	[Signature]
45)	Priyanka Vijay Namdas	Associative mechanism S _N 2	24-4-23	[Signature]
46)	Priyanshu Mohan Gupta	Organometallic compounds	18-4-23	[Signature]
47)	Rasika Sanjay Paturkar	Essential & trace element in biology	17-4-23	[Signature]

48)	Rohini Dnyandeo Khutafale	Types of vibrational mode	17/4/23	Rohini
49)	Rohini Madhukar Masal	Procedure of determination of ϵ & μ	20/4/23	Rohini
50)	Rushikesh Ramkrushna Khandagale	Role of Nat biological Activity	21-4-23	Rushikesh
51)	Sakshi Kishor Shende	Paper chromatography	18/04/23	S.K.Shende
52)	Sakshi Rajaram Ambuskar	Block diagram of colorimeter its components	21/04/23	Sakshi
53)	Sana Kausar Lateef Shaikh	Role of Hemoglobin and Myoglobin	21/04/23	Sana
54)	Sharyu Sunil Uchade	Nuclear fusion Reaction	18/04/23	Sharyu
55)	Shruti Ghanshyam Sharma	Essential Elements	18/04/23	Shruti
56)	Shweta Gajanan Lokhande	Radiation circular paper chromatography	21/04/23	Shweta
57)	Sneha Sanjay Shelke	Photoelectric effect	17/04/23	Sneha
58)	Suhas Eknath Borokar	Lambert's Law	20/04/23	Suhas
59)	Sujwal Manoj Bangar	Factors affecting stability complex	18/04/23	Sujwal
60)	Tejas Sudhakar Bawane	Role of biological activity	18/04/2023	Tejas
61)	Vaibhav Baban Paturde	Organometallic Compound	18/04/23	V.B.Paturde
62)	Vaishnavi Devilal Bathe	Planck's quantum theory of radiation	21/4/23	Vaishnavi
63)	Vaishnavi Gopal Wankhade	Role of Hemoglobin & Myoglobin	21/4/23	Vaishnavi
64)	Vaishnavi Ramdas Kute	Elementary of quantum mechanics	18/04/23	V.R.Kute
65)	Vidhi Shirish Gupta	Acid deposition	02/05/23	Vidhi
66)	Vishakha Gajanan Shergokar	Metal Carbonyl	18/04/23	Vishakha
67)	Vishal Janrao Maskar			Vishal
68)	Yashashri Wasudeo Giri		17-4-23	Yashashri
69)	Saksh. M. Tadha	Nuclear fusion reaction	21-4-23	Saksh
70)				

Head of Department
Dr.G.D.Tambatkar

Redmukh
Internal Examiner
Dr.Ku.R.J.Deshmukh

SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI

WINTER EXAM- 2022

Shri. Dnyaneshwar Maskuji Burungale Science & Art's College, Shegaon.

B.Sc. III Sem. V (Internal Marks)

Subject: - Chemistry

Sr. No.	Roll Number	Name Of the Student	Seminar M-06	Project M-04	Total M-10	Out of 30	Out of 10	Total
1		Aashatai Raju Gite	06	04	10	24	10	20 ✓
2		Aashifa Aabid Shah	06	04	10	14	08	18 ✓
3		Abhishek Dinesh Gupta	06	04	10	08	08	18 ✓
4		Ajinkya Avinash Khawale	06	04	10	26	10	20 ✓
5		Anjali Machhindra Borade	06	04	10	24	10	20 ✓
6		Ankit Mahadeo Dhoran	06	04	10	22	08	18 ✓
7		Ankita Babji Yerukar	06	04	10	22	08	18 ✓
8		Ankita Ramdas Ingle	06	04	10	21	08	18 ✓
9		Anuja Raghunath Verulkar	06	04	10	17	08	18 ✓
10		Ashvini Shantaram Bawane	06	04	10	18	08	18 ✓
11		Chaitali Murlidhar Sultane	06	04	10	21	08	18 ✓
12		Chhaya Laxman Rathod	06	04	10	24	10	20 ✓
13		Darshana Rajendra Ugale	06	04	10	18	08	20 ✓
14		Dharti Ramesh Kankal	06	04	10	15	08	18 ✓
15		Dhiraj Santosh Maskar	06	04	10	11	05	15 ✓
16		Divya Shrikant Umale	06	04	10	22	08	18 ✓
17		Dnyaneshwar Murlidhar Nile	06	04	10	17	08	18 ✓
18		Faizan Farooque Shah	00	04	04	24	10	14 ✓
19		Ganesh Bhanudas Dahibhat	06	04	10	24	10	20 ✓
20		Gauri Govind Varma	06	04	10	22	08	18 ✓
21		Gayatri Babulal Karale	06	04	10	22	08	18 ✓
22		Gayatri Janardhan Damdhar	06	04	10	22	08	18 ✓
23		Gayatri Nitin Kathole	06	04	10	23	08	18 ✓
24		Gunjan Sunil Ingle	06	04	10	18	08	18 ✓
25		Gururaj Rajendra Shegokar	06	04	10	18	08	18 ✓
26		Ishwari Rajesh Gurav	06	04	10	22	8	18 ✓
27		Jaya Namdev Mane	02	04	06	24	10	20

Sant Gadge Baba Amravati University Amravati
Practical Examination-Winter-2022

Centre Name:- Shri. Dnyaneshwar Maskuji Burungale Science and Art College Shegaon
Subject:- Chemistry Class:- B.Sc.-III (Sem-V) Date:- 18/01/2023 Time:-

Attendance

Roll No.	SN	Name	Signature
21AB317007	1	Aashatai Raju Gite	<i>[Signature]</i>
21AB317023	2	Aashifa Aabid Shah	<i>[Signature]</i>
21AB317008	3	Abhishek Dinesh Gupta	<i>[Signature]</i>
21AB317013	4	Ajinkya Avinash Khawale	<i>[Signature]</i>
21AB317016	5	Anjali Machhindra Borade	<i>[Signature]</i>
21AB317017	6	Ankit Mahadeo Dhoran	<i>[Signature]</i>
21AB317018	7	Ankita Babji Yerukar	<i>[Signature]</i>
21AB317019	8	Ankita Ramdas Ingle	<i>[Signature]</i>
21AB317020	9	Anuja Raghunath Verulkar	<i>[Signature]</i>
21AB317025	10	Ashvini Shantaram Bawane	<i>[Signature]</i>
22AB510201	11	Chaitali Murlidhar Sultane	<i>[Signature]</i>
21AB317021	12	Chaya Laxman Rathod	<i>[Signature]</i>
21AB317028	13	Darshana Rajendra Ugale	<i>[Signature]</i>
21AB317029	14	Dharti Ramesh Kankal	<i>[Signature]</i>
21AB317030	15	Dhiraj Santosh Maskar	<i>[Signature]</i>
21AB317033	16	Divya Shrikant Umale	<i>[Signature]</i>
21AB317034	17	Dnyaneshwar Murlidhar Nile	<i>[Signature]</i>
21AB317036	18	Faizan Farooque Shah	<i>[Signature]</i>
21AB317038	19	Ganesh Bhanudas Dahibhat	<i>[Signature]</i>
21AB317041	20	Gauri Govind Varma	<i>[Signature]</i>
21AB317043	21	Gayatri Babulal Karale	<i>[Signature]</i>
21AB317044	22	Gayatri Janardhan Damdhar	<i>[Signature]</i>
21AB317045	23	Gayatri Nitin Kathole	<i>[Signature]</i>
21AB317048	24	Gunjan Sunil Ingle	<i>[Signature]</i>
21AB317049	25	Gururaj Rajendra Shengokar	<i>[Signature]</i>
21AB317050	26	Ishwari Rajesh Gurav	<i>[Signature]</i>
21AB317051	27	Jaya Namdev Mane	<i>[Signature]</i>
21AB317055	28	Laxmi Pandurang Falke	<i>[Signature]</i>
21AB317056	29	Mahesh Gajanan Katole	<i>[Signature]</i>
21AB317057	30	Mahesh Maroti Sangle	<i>[Signature]</i>
22AB510202	31	Maya Shivaji Dharmkar	<i>[Signature]</i>
21AB317058	32	Mohini Umesh Yenkar	<i>[Signature]</i>
21AB317059	33	Monika Gopal Adhav	<i>[Signature]</i>
21AB317062	34	Mukta Vitthal Borokar	<i>[Signature]</i>
21AB317064	35	Neha Keshav Bihade	<i>[Signature]</i>
21AB317067	36	Nikita Sanjay Shengokar	<i>[Signature]</i>
21AB317068	37	Nishita Rajesh Santoshi	<i>[Signature]</i>
21AB317069	38	Om Ravindra Deshmukh	<i>[Signature]</i>
21AB317070	39	Pallavi Manohar Mankar	<i>[Signature]</i>
21AB317072	40	Pooja Valmik Pingale	<i>[Signature]</i>

21AB317073	41	Pranali Digambar Bhonde	<i>P. Bhonde</i>
21AB317075	42	Pranali Prakash Satote	<i>P. Satote</i>
21AB317076	43	Pranoti Shriram Akhre	<i>P. Akhre</i>
21AB317077	44	Pratiksha Ratnakar Shegokar	<i>P. Shegokar</i>
21AB317080	45	Priyanka Vijay Namdas	<i>P. Namdas</i>
21AB317087	46	Priyanshu Mohan Gupta	<i>P. Gupta</i>
21AB317086	47	Rasika Sanjay Pahurkar	<i>R. Pahurkar</i>
21AB317087	48	Rohini Dnyandeo Khutafale	<i>R. Khutafale</i>
21AB317088	49	Rohini Madhukar Masal	<i>R. Masal</i>
21AB317090	50	Rushikesh Ramkrushna Khandagale	<i>R. Khandagale</i>
21AB317092	51	Sakshi Kishor Shende	<i>S. K. Shende</i>
21AB317093	52	Sakshi Milind Jadhao	<i>S. Jadhao</i>
21AB317094	53	Sakshi Rajaram Ambuskar	<i>S. Ambuskar</i>
21AB317096	54	Sana Kausar Lateef Shaikh	<i>S. Shaikh</i>
21AB317100	55	Sharyu Sunil Uchade	<i>S. Uchade</i>
21AB317106	56	Shruti Ghanshyam Sharma	<i>S. Sharma</i>
21AB317108	57	Shweta Gajanan Lokhande	<i>S. Lokhande</i>
21AB317111	58	Sneha Sanjay Shelke	<i>S. Shelke</i>
21AB317112	59	Suhas Eknath Borokar	<i>S. Borokar</i>
21AB317113	60	Sujwal Manoj Bangar	<i>S. Bangar</i>
21AB317115	61	Tejas Sudhakar Bawane	<i>T. Bawane</i>
21AB317116	62	Vaibhav Baban Paturde	<i>V. Paturde</i>
21AB317119	63	Vaishnavi Devilal Bathe	<i>V. Bathe</i>
21AB317121	64	Vaishnavi Gopal Wankhade	<i>V. Wankhade</i>
21AB317122	65	Vaishnavi Ramdas Kute	<i>V. Kute</i>
	66	Vidhi Shirish Gupta	
21AB317128	67	Vishakha Gajanan Shegokar	<i>V. Shegokar</i>
21AB317129	68	Vishal Janrao Maskar	<i>V. Maskar</i>
21AB317132	69	Yashashri Wasudeo Giri	<i>Y. Giri</i>

Reshika

Internal

Reshika
18/01/2022

External

Sant Gadge Baba Amravati University Amravati
Practical Examination-Winter-2022

Centre Name:- Shri. Dnyaneshwar Maskuji Burungale Science and Art College Shegaon

Subject:- Chemistry

Class:- B.Sc.-III (Sem-V)

Date:- 18/01/2023

Time:- 4 Hrs

MARK SHEET

SN	Name	Ex-1	Ex-2	Record	Viva	Total
1	Aashatai Raju Gite	16	16	05	07	44
2	Aashifa Aabid Shah	15	16	04	07	42
3	Abhishek Dinesh Gupta	18	18	03	07	46
4	Ajinkya Avinash Khawale	17	17	03	07	44
5	Anjali Machhindra Borade	17	17	03	07	44
6	Ankit Mahadeo Dhoran	15	15	03	07	40
7	Ankita Babji Yerukar	16	16	03	07	42
8	Ankita Ramdas Ingle	17	17	01	07	41
9	Anuja Raghunath Verulkar	15	15	03	07	40
10	Ashvini Shantaram Bawane	18	18	01	07	44
11	Chaitali Murlidhar Sultane	15	15	03	07	40
12	Chaya Laxman Rathod	18	18	00	07	42
13	Darshana Rajendra Ugale	16	16	03	07	42
14	Dharti Ramesh Kankal	18	18	01	07	44
15	Dhiraj Santosh Maskar	15	15	03	07	40
16	Divya Shrikant Umale	15	18	03	07	43
17	Dnyaneshwar Murlidhar Nile	18	17	02	07	44
18	Faizan Farooque Shah	15	15	03	07	40
19	Ganesh Bhanudas Dahibhat	16	15	04	07	42
20	Gauri Govind Varma	16	17	02	07	42
21	Gayatri Babulal Karale	18	17	00	07	42
22	Gayatri Janardhan Damdhar	16	17	03	07	43
23	Gayatri Nitin Kathole	15	15	05	07	42
24	Gunjan Sunil Ingle	17	17	03	07	44
25	Gururaj Rajendra Shengokar	16	16	03	07	42
26	Ishwari Rajesh Gurav	17	17	03	07	44
27	Jaya Namdev Mane	17	18	03	07	45
28	Laxmi Pandurang Falke	16	16	01	07	40
29	Mahesh Gajanan Katole	16	16	02	07	41
30	Mahesh Maroti Sangle	16	16	03	07	42
31	Maya Shivaji Dharmkar	16	16	03	07	42
32	Mohini Umesh Yenkar	15	15	03	07	40
33	Monika Gopal Adhav	18	17	00	07	42
34	Mukta Vitthal Borokar	18	16	02	07	43
35	Neha Keshav Bihade	15	15	03	07	40
36	Nikita Sanjay Shengokar	17	17	01	07	42
37	Nishita Rajesh Santoshi	18	18	03	07	46
38	Om Ravindra Deshmukh	17	18	03	07	45
39	Pallavi Manohar Mankar	16	16	03	07	42
40	Pooja Valmik Pingale	18	17	01	07	43
41	Pranali Digambar Bhonde	16	16	03	07	42

Sant Gadge Baba Amravati University Amravati
Practical Examination-Winter-2022

Centre Name:- Shri. Dnyaneshwar Maskuji Burungale Science and Art College Shegaon

Subject:- Chemistry Class:- B.Sc.-III (Sem- V) Date:- 18/01/2023 Time:- 4 Hrs

Question Paper

(Note: - Two experiments are compulsory and each experiment having 18 Marks)

Ex -1) Preparation of tetraamminecopper(II)sulphate (18)

Ex -2) Preparation of hexaamminenickel (II)chloride

OR

Ex-3) To determine strength of given HCl solution conductometrically (18)

Ex-4) To determine strength of given CH_3COOH solution conductometrically

Practical Record- (7)

Viva Voce - (7)

Total 50



Internal


18/01/2023

External