



RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR
FACULTY OF SCIENCE

DIRECTION NO. 9 OF 2016

DIRECTION GOVERNING THE EXAMINATION LEADING TO THE
DEGREE OF BACHELOR OF SCIENCE

(THREE YEARS DEGREE COURSE – SEMESTER PATTERN)

(Issued under Section 14(8) of the Maharashtra Universities Act, 1994)

As per the direction No.9 of 2016 of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur this college has prepared the guideline for the preparation of Internal assessment.

Internal Assessment Guidelines

1. The internal assessment shall be done by the College at least 15 days prior to the final examination of each semester. Converted marks out of 10 shall be sent to the University immediately after the Assessment in the prescribed format.
2. The internal assessment marks assigned to each theory paper will be awarded based on Unit test/class test and students attendance in theory classes for UG Programmes.
3. Two unit test of 20 mark each will be conducted for theory paper.
4. For PG programmes internal assessment is based on Class Test, Internal projects, assignments, seminars, study tour, industrial visits, visit to educational institutions and research organizations, field work, group discussions and innovative practices / activities decided by the respective department.
5. Teacher shall conduct the Internal assessment activity during the regular teaching days / periods as a part of regular teaching activity.
6. The concerned teacher / department shall have to keep the record all the above activities of latest completed year of all the above activities until six months after the declaration of the results of that semester.
7. At the beginning of each semester, every teacher shall inform his / her students unambiguously the method he / she proposes to adopt and the scheme of marking for internal assessment.
8. Teacher shall announce the schedule of activity for internal assessment in advance in consultation with HOD / Principal.
9. For UG Programme Final submission of internal marks out of 10 for each paper shall be sent to the university before the commencement of the University Theory Examinations.

A. A. Halder

Internal Quality Assurance Cell
(IQAC)
S. S. E. S. A. Science College
Congress Nagar, Nagpur.



N. S. S.

Principal
S. S. E. S. Amravati's
Science College, Nagpur.


SSES Amravati's Science Collge, Congress Nagar, Nagpur

Department of Chemistry

Internal Assessment Record-UG- (CIE)-2022-23

| Class | Section | Paper-I | | Paper-II | |
|---------|---------|----------------------|----------------------|---------------------------------------|----------------------|
| | | Teacher Name | Sign | Teacher Name | Sign |
| Sem-I | Sec-A+D | Dr. R. Urkude | | P. D. Deshmukh Shampa Chalchaboty | |
| | Sec-C | Dr. J. Yunjate | | Dr. Sureng Dhote | |
| | Sec-E | Sarita klakodkar | | Shampa Chalchaboty | |
| Sem-II | Sec-A+D | Dr. R. Urkude | | P. N. Deshmukh Dr. J. Yunjate | <u>P. Deshmukh</u> |
| | Sec-C | | | F. R. A. Deshmukh | |
| | Sec-E | Shampa Chalchaboty | | Sarita klakodkar | |
| Sem-III | Sec-A+D | Dr. S. Dhote | | P. S. Utale | |
| | Sec-C | Dr. V. Kinkhikar | | R. A. Deshmukh | |
| | Sec-E | Dr. Sarita klakodkar | | Prachi Khobragade | <u>P. Khobragade</u> |
| Sem-IV | Sec-A+D | | | Dr. R. V. Khope Dr. P. N. Deshmukh | <u>P. Deshmukh</u> |
| | Sec-C | Dr. V. Kinkhikar | | | |
| | Sec-E | Sarita klakodkar | | Prachi Khobragade | <u>P. Khobragade</u> |
| Sem-V | Sec-A+D | Dr. P. S. Utale | | Dr. R. V. Khope P. N. Deshmukh | <u>P. Deshmukh</u> |
| | Sec-C | Y. K. Meshram | | | |
| | Sec-E | Prachi Khobragade | <u>P. Khobragade</u> | Shampa Chalchaboty | |




 Professor & Head
 Department of Chemistry,
 Shri Shivaji Science College,
 Congress Nagar, Nagpur

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Shri Shivaji Education Society Amravati's

Science College, Nagpur

Department of Chemistry

Unit Test Examination II

Session-2022-23

BSc I (Sem - I)

Sub: Physical Chemistry (Paper II) (Max marks-20)

Date - 17/10/2022

Note:- i) All the questions are compulsory and carry equal marks.
ii) Write chemical equations and draw diagrams wherever necessary

- Que1. What is an ideal gas? Discuss the deviation of real gases from ideal behavior. 5
- Que2. Calculate average velocity and most probable velocity of Oxygen molecule at 450C. 5
- Que3. Solve any Four (2.5×4)
- A. What is the effect of temperature on the curve?
 - B. State Charle's law of diffusion. Deduce it from kinetic gas equation
 - C. Differentiate between reversible and irreversible processes
 - D. Calculate average velocity and most probable velocity of Oxygen molecule at 450C.
 - E. Write note on seven segment cell.

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Congress Nagar, Nagpur


Science College, Nagpur

Department of Chemistry

Unit Test Examination Result

Maximum Marks: 20

| Sr. No | Students Full Name | Marks Obtained | Marks Obtained |
|--------|---------------------------------------|-------------------|-------------------|
| | | In Unit Test I | In Unit Test II |
| | | Date - 03/10/2022 | Date - 17/10/2022 |
| 1 | MAHEK ANJUM SHAKIR | 13 | 13 |
| 2 | AYYAGARI RENUKA SUDHAKAR | 15 | 1 |
| 3 | BANTE SHRADDHA GUDDU | 5 | 12 |
| 4 | BHAISARE CHETANA DINESH | 6 | 8 |
| 5 | BHIMTE SHRIYA SURENDRA | 16 | 5 |
| 6 | BIRE JAHNAVI MILIND | 15 | 18 |
| 7 | BEHAR KHUSHI RAJU | 11 | 12 |
| 8 | CHOUDHARY VAISHNAVI CHANDRAKANT | 10 | 5 |
| 9 | DHAPODKAR GEETANSH SURESH | 12 | 14 |
| 10 | GANVIR ANUSHKA ANIL | 5 | 7 |
| 11 | GOSWAMI DIVYA VIKAS | 11 | 5 |
| 12 | GOSWAMI LAXMI KISHOR | 12 | 14 |
| 13 | GUPTA SHREYA | 18 | 19 |


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| | | | |
|----|------------------------------|--------|--------|
| | RAVINDRA | | |
| 14 | KALE MRUNALI CHANDRAJEET | 11 | 14 |
| 15 | KARWADE AWAANI PRASHANT | 15 | 15 |
| 16 | KOLHE HARSHINI ARVIND | 10 | 11 |
| 17 | LONDE HARSHADA RAJESH | 17 | 15 |
| 18 | MUDE DIVYA SUDHAKAR | 12 | 14 |
| 19 | MOHOD SAMRUDDHI SATISH | ABSENT | ABSENT |
| 20 | PARIHAR SHREYA SUSHISINGH | 14 | 12 |
| 21 | MAHEK ANJUM SHAKIR | 17 | 18 |
| 22 | AYYAGARI RENUKA SUDHAKAR | 11 | 14 |
| 23 | BANTE SHRADDHA GUDDU | 12 | 14 |
| 24 | BHAISARE CHETANA DINESH | 15 | 17 |
| 25 | BHIMTE SHRIYA SURENDRA | 10 | 10 |
| 26 | MASRAM KHUSHBU DEVANAND | 18 | 14 |
| 27 | NADIYA FATMA | 11 | 16 |
| 28 | NAGARE TANMAY PRADIP | 12 | 18 |
| 29 | PAIDLEWAR SALONI DINESH | 11 | 16 |
| 30 | PAIGANI MEETALI RAJENDRA | 11 | 15 |




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Department of Chemistry

B.Sc. Sem I -2022-23-Section A+D

Paper I (Inorganic Chemistry)

Unit test -2

Teacher Name -Dr.R.D. Urkude

Total Marks =20

Note:-I) All Questions are compulsory

II) Write the Answer to the Question According To Marks Allotted.

- | | |
|---|------|
| 1) Define hybridization. Discuss Sp^3 and $Sp^3 d^2$ hybridization with suitable example. | 5M |
| 2) Define : i) polarizing power and ii) polarizability of ion Discuss various factors affecting them. | 5M |
| 3)What are postulates of valence bond theory? | 2.5M |
| 4)Define the terms with example: i)Bond energy and ii) Bond order. | 2.5M |
| 5) What is solvation energy? How solvation energy of NaCl is determined using Born Haber Cycle? | 2.5M |
| 6) Discuss the structure of CsCl Crystal . | 2.5M |

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Department of Chemistry

B.Sc. Sem I 2022-23 Section: A+D

Teacher Name: Dr. Rashmi Urkude

| Sr.No. | Batch M1,M2,M3,M4 | Marks |
|--------|-----------------------------|-------|
| 1. | ARVIWALA HUZEFA KHUZEMA | 15 |
| 2. | BAGHEL SONAM SANTOSHKUMAR | 16 |
| 3. | BAIG TASMIYA HAMID | 17 |
| 4. | BARSAGADE KALASH SUDHAKAR | 15 |
| 5. | BHASMOTE AARADHANA RAJENDRA | 12 |
| 6. | BAWANKULE LAXMI DEVIDAS | 14 |
| 7. | CHANNE TANISHKA PRAVEEN | 10 |
| 8. | DATIR PRANJALI ANKHALESH | 11 |
| 9. | DESHMUKH JANHAVI VIRENDRA | 12 |
| 10. | DHOK SOKSHAM NISHANT | 15 |
| 11. | DHURVE PRANJALI KAMALDEV | 18 |
| 12. | FULKUWAR PRIYA SANTOSH | 15 |
| 13. | GAJBHIYE SWEJAL PRASHANT | 14 |
| 14. | GAUTAM LADALI PRAKASH | 13 |
| 15. | GONNADE MADHURIMA SHAILESH | 13 |
| 16. | INWATE KASHISH RAJU | 17 |
| 17. | IRGURALA VIDYA CHANDRAIAH | 15 |
| 18. | KALE AVANI PREMDAS | 14 |
| 19. | KANOJIYA PIYUSH RAJESH | 18 |
| 20. | KHARBIKAR DEVESH RAJU | 19 |
| 21. | KOWASI AJIT RAJU | 15 |
| 22. | KUBADDE TEJASWI MOTIRAM | 15 |
| 23. | KHADSE CHETANA MORESHWAR | 12 |
| 24. | LOKHANDE YASH OMPRAKASH | 13 |
| 25. | LOKHANDE KASHISH SUHAS | 12 |
| 26. | LUTE SUHANI RAMESHWAR | 12 |
| 27. | MENDWADE AISHWARYA PRAKASH | 14 |
| 28. | MOHANE SRUSHTI MANOJ | 15 |
| 29. | NAMDEO ARYAN UMASHANKAR | 17 |
| 30. | NAYAK MAHEK GHANSHYAM | 18 |
| 31. | PAIGAMI MANISH RAJENDRA | 14 |
| 32. | PAL VAISHNAVI VINOD | 12 |
| 33. | PATIL GRISHMA JAYPAL | 12 |
| 34. | SAHU APURVA TAPAN | 15 |
| 35. | SAPATE PORNIMA PRABHU | 14 |
| 36. | SONTAKKE RAJVEE SAROJ | 18 |
| 37. | SHRIVASTAV ANUJKUMAR | 19 |
| 38. | TEKAM TANVI DADARAO | 15 |
| 39. | THAKARE SUHANI SUKHADEO | 15 |
| 40. | THAKUR KRITI AINKATRAO | 12 |

| | | |
|-----|----------------------------------|----|
| 41. | TOMAR TANU ALEXNDER KUMAR | 13 |
| 42. | TONGE SUHANI ANAND | 12 |
| 43. | TRIVENI ANJALI DEVISHANKAR | 12 |
| 44. | VARMA RIYA JITENDRA | 14 |
| 45. | VYAS HIMANSHU MUKESH | 15 |
| 46. | WAHANE PREMANSHU ANIL | 17 |
| 47. | WAHANE TEJASVI PRAVIN | 18 |
| 48. | WAHANE NIKITA VINOD | 14 |
| 49. | WASNIK RUTIKA VINAYAK | 12 |
| 50. | BORKAR OM GAJANAN | 12 |
| 51. | CHAKRE ANIKET SANJEEV | 15 |
| 52. | CHANIANA KIRANPREET KAUR | 14 |
| 53. | CHAUHAN MOHIT PRADEEP | 18 |
| 54. | CHAUDHARY SHRUTI MAHARAJSSINGH | 19 |
| 55. | DUBEY ISHA ROSHAN | 15 |
| 56. | FULZELE KASHISH GAJENDRA | 15 |
| 57. | GOWARDIPE KAJAL PURUSHOTTAM | 12 |
| 58. | HEDA00 DHIRAJ RAJENDRA | 13 |
| 59. | JAMBHULKAR SHRUTI MAHENDRA | 12 |
| 60. | KANGALE ACHAL RUSHI | 12 |
| 61. | KAMBLE NAYAN ASHOK | 14 |
| 62. | KHOTELE MAYANK HEMANTKUMAR | 15 |
| 63. | MISHRA SHASHWAT RAMAKANT | 17 |
| 64. | MONDHE VISHAL VISHWANATH | 18 |
| 65. | NAGPURKAR GAGAN MAROTI | 14 |
| 66. | PANDE UNNATI RAJU | 12 |
| 67. | PUNDE DEVANSHU SANJAY | 12 |
| 68. | SINGH KASHISH NAGENDRA | 12 |
| 69. | SINGH SHEETAL AZADE | 14 |
| 70. | SONWANE BHAGYASHREE CHANDRAKUMAR | 15 |
| 71. | VAIDYA SUHANI RAJU | 14 |
| 72. | VISHWAKARMA MANISH SUDARSHAN | 17 |
| 73. | YADAV TAMANNA VIJAY | 18 |

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Department of Chemistry

B.Sc Sem I -2022-23 -Section A+D

Paper I (Inorganic Chemistry)

Unit test -1

Teacher Name –Dr.R.D.Urkude

Total Marks =20

Note:-I) All Questions are compulsory

II) Write the Answer to the Question According To Marks Allotted.

- | | |
|--|------|
| 1) Explain The following with examples: | 5M |
| i) Hund's rule of maximum multiplicity and | |
| ii) Aufbau Principal | |
| 2) Define Ionization Potential .Discuss the factors affecting it .How does it vary in a group and a period ? | 5M |
| 3) Write Schrdinger wave equation and Specify the terms involved in it | 2.5M |
| 4) Give the values of n,l,m for 3d electron. | 2.5M |
| 5) Why size of cation and anion of an element is different from its parent atom? | 2.5M |
| 6) Calculate the effective nuclear charge for 4s electron of potassium (z=19) | 2.5M |

**Professor & head
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D

SSES Amravati Science college, Congress Nagar Nagpur

Department of Chemistry

B.Sc. Sem I 2022-23 Section: A+D

Teacher Name: Dr. Rashmi Urkude

| Sr.No. | Batch M1,M2,M3,M4 | Marks |
|--------|-----------------------------|-------|
| 1. | ARVIWALA HUZEFA KHUZEMA | 15 |
| 2. | BAGHEL SONAM SANTOSHKUMAR | 16 |
| 3. | BAIG TASMIYA HAMID | 17 |
| 4. | BARSAGADE KALASH SUDHAKAR | 15 |
| 5. | BHASMOTE AARADHANA RAJENDRA | 12 |
| 6. | BAWANKULE LAXMI DEVIDAS | 14 |
| 7. | CHANNE TANISHKA PRAVEEN | 10 |
| 8. | DATIR PRANJALI ANKHALESH | 11 |
| 9. | DESHMUKH JANHAVI VIRENDRA | 12 |
| 10. | DHOK SOKSHAM NISHANT | 15 |
| 11. | DHURVE PRANJALI KAMALDEV | 18 |
| 12. | FULKUWAR PRIYA SANTOSH | 15 |
| 13. | GAJBHIYE SWEJAL PRASHANT | 14 |
| 14. | GAUTAM LADALI PRAKASH | 13 |
| 15. | GONNADE MADHURIMA SHAILESH | 13 |
| 16. | INWATE KASHISH RAJU | 17 |
| 17. | IRGURALA VIDYA CHANDRAIAH | 15 |
| 18. | KALE AVANI PREMDAS | 14 |
| 19. | KANOJIYA PIYUSH RAJESH | 18 |
| 20. | KHARBIKAR DEVESH RAJU | 19 |
| 21. | KOWASI AJIT RAJU | 15 |
| 22. | KUBADDE TEJASWI MOTIRAM | 15 |
| 23. | KHADSE CHETANA MORESHWAR | 12 |
| 24. | LOKHANDE YASH OMPRAKASH | 13 |
| 25. | LOKHANDE KASHISH SUHAS | 12 |
| 26. | LUTE SUHANI RAMESHWAR | 12 |
| 27. | MENDWADE AISHWARYA PRAKASH | 14 |
| 28. | MOHANE SRUSHTI MANOJ | 15 |
| 29. | NAMDEO ARYAN UMASHANKAR | 17 |
| 30. | NAYAK MAHEK GHANSHYAM | 18 |
| 31. | PAIGAMI MANISH RAJENDRA | 14 |
| 32. | PAL VAISHNAVI VINOD | 12 |
| 33. | PATIL GRISHMA JAYPAL | 12 |
| 34. | SAHU APURVA TAPAN | 15 |
| 35. | SAPATE PORNIMA PRABHU | 14 |
| 36. | SONTAKKE RAJVEE SAROJ | 18 |
| 37. | SHRIVASTAV ANUJKUMAR | 19 |
| 38. | TEKAM TANVI DADARAO | 15 |
| 39. | THAKARE SUHANI SUKHADEO | 15 |
| 40. | THAKUR KRITI AINKATRAO | 12 |

| | | |
|-----|----------------------------------|----|
| 41. | TOMAR TANU ALEXNDER KUMAR | 13 |
| 42. | TONGE SUHANI ANAND | 12 |
| 43. | TRIVENI ANJALI DEVISHANKAR | 12 |
| 44. | VARMA RIYA JITENDRA | 14 |
| 45. | VYAS HIMANSHU MUKESH | 15 |
| 46. | WAHANE PREMANSHU ANIL | 17 |
| 47. | WAHANE TEJASVI PRAVIN | 18 |
| 48. | WAHANE NIKITA VINOD | 14 |
| 49. | WASNIK RUTIKA VINAYAK | 12 |
| 50. | BORKAR OM GAJANAN | 12 |
| 51. | CHAKRE ANIKET SANJEEV | 15 |
| 52. | CHANIANA KIRANPREET KAUR | 14 |
| 53. | CHAUHAN MOHIT PRADEEP | 18 |
| 54. | CHAUDHARY SHRUTI MAHARAJ SINGH | 19 |
| 55. | DUBEY ISHA ROSHAN | 15 |
| 56. | FULZELE KASHISH GAJENDRA | 15 |
| 57. | GOWARDIPE KAJAL PURUSHOTTAM | 12 |
| 58. | HEDA OO DHIRAJ RAJENDRA | 13 |
| 59. | JAMBHULKAR SHRUTI MAHENDRA | 12 |
| 60. | KANGALE ACHAL RUSHI | 12 |
| 61. | KAMBLE NAYAN ASHOK | 14 |
| 62. | KHOTELE MAYANK HEMANTKUMAR | 15 |
| 63. | MISHRA SHASHWAT RAMAKANT | 17 |
| 64. | MONDHE VISHAL VISHWANATH | 18 |
| 65. | NAGPURKAR GAGAN MAROTTI | 14 |
| 66. | PANDE UNNATI RAJU | 12 |
| 67. | PUNDE DEVANSHU SANJAY | 12 |
| 68. | SINGH KASHISH NAGENDRA | 12 |
| 69. | SINGH SHEETAL AZADE | 14 |
| 70. | SONWANE BHAGYASHREE CHANDRAKUMAR | 15 |
| 71. | VAIDYA SUHANI RAJU | 14 |
| 72. | VISHWAKARMA MANISH SUDARSHAN | 17 |
| 73. | YADAV TAMANNA VIJAY | 18 |

Department of Chemistry
Unit test 1
Sem - III ,Paper-II, Organic Chemistry
Total marks = 20

All questions are compulsory and carry equal marks.

Q1) What are activating and deactivating groups? Explain O,P directing influence of -OH group in benzene.

5M

Q2) Explain mechanism of alkaline hydrolysis of tert butyl bromide with energy profile diagram

5M


Q3) Give preparation of ethanol from i)ethanoic acid ii)ethyl acetate.

5M

Q4) Discuss Fries rearrangement.

5M

R.R.D.
Dr. R.A. Deshmukh


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Department of Chemistry

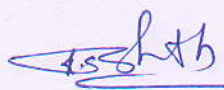
B.Sc Sem III- 2022-23 - Section A+D


Paper I (Organic Chemistry)

Unit Test No- 1

Teacher: Dr. R.A.Deshmukh

| Sr. No | | Students Full Name | |
|--------|----|--------------------------------|----|
| | | PCM | |
| | | BATCH M - 1 | |
| 1 | Ku | AGARKAR PRANJAL VIJAY | 12 |
| 2 | | AMBEKAR ATHARV RAMBHAU | 15 |
| 3 | Ku | BAGDE SHRADDHA BABAN | 16 |
| 4 | Ku | BALODIYA RITIKA VISHNU | 11 |
| 5 | | BHAGAT KRUNAL GAJANAN | 10 |
| 6 | Ku | BHAGAT SANJIVANI SAGAR | 10 |
| 7 | Ku | BILKAR AMISHA SITARAM | 14 |
| 8 | Ku | CHANDANKHEDE RACHANA VINESH | 09 |
| 9 | | CHAUDHARY MUNESH RAVINDRASINGH | 08 |
| 10 | Ku | DAF PRADNYA CHANDRAKANT | 10 |
| 11 | Ku | DHABEKAR SWATI FATTU | 11 |
| 12 | Ku | JAUNJAL GARGI DILIP | 12 |
| 13 | Ku | KANOJE KHUSHI SANJAY | 12 |
| 14 | Ku | KARKI SRUSHTI SUBHASH | 06 |
| 15 | Ku | KAWALE GAYATRI VINOD | 11 |
| 16 | Ku | KAYARKAR JANHVI DHIRENDRA | 16 |
| 17 | Ku | KENE JANVI SUBHASH | 14 |
| 18 | | KUMBHRE KARAN MADHAVRAO | 13 |
| 19 | | LAKDE SHREYASH MAHADEO | 20 |
| 20 | | LAKHE PRANAV BHUPESH | 19 |
| 21 | | MANDAL SURAJ SHANKAR | 14 |
| 22 | Ku | MARBATE SANSKRUTI RAJENDRA | 17 |
| 23 | Ku | MASRAM NIKITA SITARAM | 18 |


 Dr. R.A. Deshmukh.


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 Congress Nagar, Nagpur.

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RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR

SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S

SCIENCE COLLEGE

CONGRESS NAGAR, NAGPUR

B.Sc. I (SEMESTER-II)

Unit Test-2

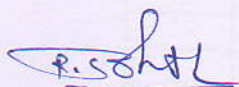
Session-2022-2023

SUB: CHEMISTRY (PAPER I) Organic CHEMISTRY

NOTE:- I) ALL QUESTIONS ARE COMPULSORY.

II) WRITE THE ANSWER TO THE QUESTION ACCORDING TO MARKS ALLOTTED.

- Q1. What is Hybridization? Explain sp^3 Hybridisation in Ethane. 5
- Q2. Explain i) Carbanion
ii) Nucleophile
iii) Activation Energy
iv) Free Radical 5
- Q3. Explain with suitable example
Addition reaction
Elimination reaction 2.5
- Q4. Explain Bayers Strain Theory.. 2.5
- Q5. What are Dienes? Give their classification with one example. 5




R. A. Deshmukh




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SSES Amravati's Science College, Congress Nagar Nagpur
Department of Chemistry
B.Sc Sem II- 2022-23 - Section C
Paper I (Organic Chemistry)
Unit Test No- 2
Teacher: Dr. R.A.Deshmukh

| CZM | | | |
|---------------|----|---------------------------------|----|
| BATCH B - 1 | | | |
| Sr.no | | | |
| 1 | Ku | MAHEK ANJUM SHAKIR | AB |
| 2 | Ku | AYYAGARI RENUKA SUDHAKAR | 15 |
| 3 | Ku | BANTE SHRADDHA GUDDU | 17 |
| 4 | Ku | BHAISARE CHETANA DINESH | 18 |
| 5 | Ku | BHIMTE SHRIYA SURENDRA | 12 |
| 6 | Ku | BIRE JAHNAVI MILIND | 11 |
| 7 | Ku | BEHAR KHUSHI RAJU | 14 |
| 8 | Ku | CHOUDHARY VAISHNAVI CHANDRAKANT | 15 |
| 9 | | DHAPODKAR GEETANSH SURESH | 14 |
| 10 | Ku | GANVIR ANUSHKA ANIL | 11 |
| 11 | Ku | GOSWAMI DIVYA VIKAS | 10 |
| 12 | Ku | GOSWAMI LAXMI KISHOR | 17 |
| 13 | Ku | GUPTA SHREYA RAVINDRA | 18 |
| 14 | Ku | KALE MRUNALI CHANDRAJEET | 12 |
| 15 | Ku | KARWADE AWAANI PRASHANT | 14 |
| 16 | Ku | KOLHE HARSHINI ARVIND | 12 |
| 17 | Ku | LONDE HARSHADA RAJESH | 17 |
| 18 | Ku | MUDE DIVYA SUDHAKAR | 10 |
| 19 | Ku | MOHOD SAMRUDDHI SATISH | AB |
| 20 | Ku | PARIHAR SHREYA SUSHISINGH | 14 |
| 21 | Ku | PATHADE MRUDULA PRAVIN | 15 |
| 22 | Ku | PHAD ANURADDHA RAJABHAU | 17 |
| 23 | Ku | PUSADKAR ANNADA VIVEK | 10 |
| 24 | Ku | RAMTEKE ROHANSI SHESHRAJ | 16 |
| 25 | Ku | RATHOD SHALINI ANIL | 13 |
| 26 | Ku | RAUT RIYA TRILOKCHAND | 12 |
| 27 | Ku | SAHARE JANVI RAJU | 09 |
| 28 | Ku | SANIA HURMAIN MOHD IRFAN | AB |
| 29 | Ku | SHRIRAME FALGUNI SANDIP | 08 |
| 30 | Ku | THAKARE KADAMBARI SANJAY | 17 |
| 31 | Ku | TIDKE VAIBHAV WAMAN | 14 |
| 32 | Ku | UPASE VAIDEHI MANOHAR | 10 |
| 33 | Ku | WARHEKAR TWINKLE GOKUL | AB |
| CBM12 | | | |
| BATCH B07 - 2 | | | |
| 1 | Ku | ALDAK NUPUR RAJENDRA | 10 |
| 2 | | BAGDE HRUSHIKESH KIRAN | 12 |
| 3 | Ku | BAWANKULE PRADNYA GUNVANT | 07 |
| 4 | | BEHATE SAHIL GAJANAN | 13 |

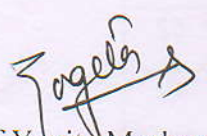

 Dr. R.A. Deshmukh



 Professor & Head
 Department of Chemistry,
 Shri Shivaji Science College
 Congress Nagar, Nagpur.

S.S.E.S. Amti's Science College congress Nagar, Nagpur
Unit Test Examination - 2022
B.Sc Semester -V Examination
CH-501: Chemistry
Unit Test 2- Organic Chemistry
Paper I

Note: 1. All five question are compulsory and carry equal marks.
 Time 1Hrs Total Marks -20

1. An organic compound was found to contain C=12.76%, H=2.13% and Br=85.11%. It Vapour density is 94 Find out the empirical formula of the compound.
2. Give the principle and calculation involved in the estimation of Sulphur in the organic compound.
3. What happens when Grignard reagents react with i) Water ii) Hydrogen cyanide
4. Discuss briefly the various type of electronic transition caused by UV-Visible radiation.
5. Define Drugs, What is cardiovascular Drugs.
6. Give the preparation of Sulpha methaxole
7. Give a synthesis of Zidovudin and its uses.
8. Empirical formula of an organic compound is CH₂O. Its Vapour density is 45. Find its molecular Formula.
9. Define Bathochromic effect and Hypsochromic effect
10. What happen when methyl magnesium bromide treated with
 i) Dry ice ii) Water iii) Methyl cyanide iv) Acetaldehyde


 Prof Yogita Meshram
 15/10/22


 Prof R U Khope
 Head Department of Chemistry
 Professor & Head
 Department of Chemistry,
 Shri Shivaji Science College
 Congress Nagar, Nagpur.

SSES Amravati's Science College, Congress Nagar Nagpur
Department of Chemistry

B.Sc Sem V- 2022-23 - Section C

Paper I (Organic Chemistry)

Unit Test No- 2

Teacher Name: - Prof. Y.K. Meshram


Class: BSc. III Sem V


| CZM | | | |
|-------------|----|----------------------------|----|
| BATCH B - 1 | | | |
| 1 | Ku | BHAISARE VISHWANI VILAS | 16 |
| 2 | Ku | BHINGARE VAIDEHI HEMANT | 12 |
| 3 | Ku | BHUSARI ANJALI SHAMRAO | 13 |
| 4 | Ku | BHUSARI PRANMAYI RAJESH | 18 |
| 5 | Ku | BODLE PRATHMESH VIJAYGIR | 15 |
| 6 | Ku | CHAKRAPANI RUCHITA SANJAY | 19 |
| 7 | Ku | CHAKRE AKANSHA SANJEEV | AA |
| 8 | Ku | CHEWLANI ISHITA MAHESH | 16 |
| 9 | Ku | DAMEDHAR APURVA ANILRAO | 17 |
| 10 | Ku | DIBINA DINAKARAN | 13 |
| 11 | Ku | DIXIT SHRISHTI ARVIND | 16 |
| 12 | Ku | GHODMARE SANSKRUTI SURESH | 12 |
| 13 | Ku | HATWAR HRUSHIKA SURESH | 19 |
| 14 | Ku | JAHAGIRDHAR TARINI SACHIN | 19 |
| 15 | Ku | JICKAR SHARVARI VITTHALRAO | 18 |
| 16 | | JOSHI SAE MAHESH | 16 |
| 17 | Ku | KAKDE AASHLESHA NARESH | 14 |
| 18 | Ku | KALKOTWAR NIMISHA RAJESH | AA |
| 19 | Ku | KOLHE SANSKRUTI PRADIP | 18 |
| 20 | Ku | KORKE MANSI RAM | 14 |
| 21 | Ku | MANKAR DHANSHRI VINOD | 17 |

S.S.E.S. Amti's Science College congress Nagar, Nagpur
Unit Test Examination I- 2022
B.Sc Semester -V Examination
CH-501: Chemistry
Unit Test I- Organic Chemistry
Paper I

Note: 1. All question are compulsory and carry equal marks.
Time 1Hrs Total Marks -20

1. How will you convert Benzenediazonium Chloride into
i. Bromobenzene ii. Phenol iii.
2. How mixture of primary, secondary and tertiary amine separated by Heinsberg's method.
3. Write reduction reactions of Nitrobenzene under Acidic and alkaline medium.
4. Why aromatic amines are weaker bases than aliphatic amine?
5. Write Gabriel phthalimide reaction for the preparation of primary amine.
6. Give preparation and uses of Picric acid.
7. Explain the structure of pyridine on the basis of molecular orbital theory.
8. Describe BischlerNapieralski synthesis of Isoquinoline
9. Write a note on Fischer Indole synthesis.
10. What is the action of following on Indole i. HNO3/ H₂SO₄


Prof Y K Meshram
16/9/22


Prof R U Khope
Head, Department of Chemistry
Professor & Head
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Congress Nagar, Nagpur.

SSES Amravati's Science College, Congress Nagar Nagpur
Department of Chemistry
B.Sc Sem V- 2022-23 - Section C
Paper II (Organic Chemistry)
Unit Test No- 1
Teacher Name: - Prof. Y.K. Meshram
Class: BSc. III Sem V

| CZM | | | |
|-------------|----|-----------------------------|----|
| BATCH B - 1 | | | |
| 1 | Ku | BHAISARE VISHWANI VILAS | 13 |
| 2 | Ku | BHINGARE VAIDEHI HEMANT | 18 |
| 3 | Ku | BHUSARI ANJALI SHAMRAO | 14 |
| 4 | Ku | BHUSARI PRANMAYI RAJESH | 17 |
| 5 | Ku | BODLE PRATHMESH VIJAYGIR | 10 |
| 6 | Ku | CHAKRAPANI RUCHITA SANJAY | AA |
| 7 | Ku | CHAKRE AKANSHA SANJEEV | 9 |
| 8 | Ku | CHEWLANI ISHITA MAHESH | 17 |
| 9 | Ku | DAMEDHAR APURVA ANILRAO | 11 |
| 10 | Ku | DIBINA DINAKARAN | 12 |
| 11 | Ku | DIXIT SHRISHTI ARVIND | 13 |
| 12 | Ku | GHODMARE SANSKRUTI SURESH | 18 |
| 13 | Ku | HATWAR HRUSHIKA SURESH | 14 |
| 14 | Ku | JAHAGIRDHAR TARINI SACHIN | AA |
| 15 | Ku | JICHKAR SHARVARI VITTHALRAO | 16 |
| 16 | | JOSHI SAEED MAHESH | 12 |
| 17 | Ku | KAKDE AASHLESHA NARESH | 14 |
| 18 | Ku | KALKOTWAR NIMISHA RAJESH | 16 |
| 19 | Ku | KOLHE SANSKRUTI PRADIP | 10 |

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S.S.E.S. Amti's Science College congress Nagar, Nagpur
Unit Test Examination I- 2023
B.Sc Semester –VI Examination
CH-602: Chemistry
Unit Test I- Organic Chemistry
Paper II

Note: 1. All five question are compulsory and carry equal marks.
Time 1Hrs Total Marks -20

- Q.1 An organic compound with the molecular formula C_8H_8O gave following three NMR Signals
i) Singlet δ - 2.25 (3H)
ii) Complex multiple δ - 7.45 (3H)
iii) Complex multiple δ - 7.90 (2H). Giving reasons, assign the structure.
- Q.2 An organic compound with molecular formula C_7H_8 gave the following data
(i) Singlet, δ 2.32, 3H and
(ii) Singlet, δ 7.17, 5H. Give reasons and assign the structure of the compound
- Q.3 Explain the role of TMS in NMR spectroscopy.
- Q.4 Explain equivalent and non-equivalent protons with suitable examples.
- Q.5 Discuss different mode of vibrations in I.R, Spectroscopy
- Q.6 Write a note on Kiliani Synthesis.
- Q.7 What is the action of following on glucose?
i) Excess of Phenyl hydrazine ii) NH_2OH
- Q.8 Write a note on Claisen condensation.
- Q.9 How will you synthesize following from AAE i) Succinic Acid
ii) 4-methyl Uracil
- Q.10 Write a note on Keto-Enol tautomerism.
- Q.11 Write a note on finger print region.


Prof Y K Meshram


Prof R U Khope
Head, Department of Chemistry

Professor & Head
Department of Chemistry,
Shri Shivaji Science College
Congress Nagar, Nagpur.

SSES Amravati's Science College, Congress Nagar Nagpur
Department of Chemistry

B.Sc Sem VI- 2022-23 - Section C

Paper II (Organic Chemistry)

Unit Test No- 1

Prof Y. K Meshram

| CZM | | | |
|-------------|----|-----------------------------|----|
| BATCH B - 1 | | | |
| 1 | Ku | BHAISARE VISHWANI VILAS | 13 |
| 2 | Ku | BHINGARE VAIDEHI HEMANT | 18 |
| 3 | Ku | BHUSARI ANJALI SHAMRAO | 14 |
| 4 | Ku | BHUSARI PRANMAYI RAJESH | 17 |
| 5 | Ku | BODLE PRATHMESH VIJAYGIR | 10 |
| 6 | Ku | CHAKRAPANI RUCHITA SANJAY | 6 |
| 7 | Ku | CHAKRE AKANSHA SANJEEV | 9 |
| 8 | Ku | CHEWLANI ISHITA MAHESH | 17 |
| 9 | Ku | DAMEDHAR APURVA ANILRAO | 11 |
| 10 | Ku | DIBINA DINAKARAN | 12 |
| 11 | Ku | DIXIT SHRISHTI ARVIND | 13 |
| 12 | Ku | GHODMARE SANSKRUTI SURESH | 18 |
| 13 | Ku | HATWAR HRUSHIKA SURESH | 14 |
| 14 | Ku | JAHAGIRDHAR TARINI SACHIN | 14 |
| 15 | Ku | JICHKAR SHARVARI VITTHALRAO | 16 |
| 16 | | JOSHI SAE MAHESH | 12 |
| 17 | Ku | KAKDE AASHLESHA NARESH | 14 |
| 18 | Ku | KALKOTWAR NIMISHA RAJESH | 16 |

Shri Shivaji Education Society Amravati's
 Science College Congress Nagar Nagpur
 Academic session 2022-23
 Bachelor of Science (B.Sc.) (Semester-IV)
 Inorganic Chemistry Paper-I
 Unit Test on Unit I

Time :45 min.

Maximum Marks: 20

All Questions are compulsory

1. (A) On the basis of VBT explain why $[\text{NiCl}_4]^{2-}$ ion is paramagnetic and $[\text{NiCN}]_4]^{2-}$ is dimagnetic in nature ? 5
- (B) What are Chelates ? Why chelates are more stable than complexes ? Discuss classification of chelates formed by bidentate ligand with example. 5
- (C) Differentiate between double salt and complex compound. 2½
- (D) Write postulates of Werner's theory of complexes. 2½
- (E) State EAN rule. Calculate EAN of the following complexes : 2½
- (i) $[\text{Fe}(\text{CN})_4]^{4-}$ (Z=26)
- (ii) $[\text{Co}(\text{NH}_3)_6]^{3+}$ (Z = 27)
- (F) Write applications of chelates in chemical analysis. 2½

V. R. Kishikar
 Dr. V. R. Kishikar



SSES Amravati's Science College, Congress Nagar Nagpur

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Department of Chemistry

B.Sc Sem IV- 2022-23 - Section A+D

Paper I (Inorganic Chemistry)

Unit Test No- 2 Mark list

Teacher Name:- Dr. V. R. Kinhikar

| Sr. No | | Batch M1 | Marks (out of 20) |
|--------|-----|-----------------------------------|-------------------|
| 1 | Ku | AGARKAR PRANJAL VIJAY | 20 |
| 2 | Ku | BAGDE SHRADDHA BABAN | 16 |
| 3 | Ku | BALODIYA RITIKA VISHNU | 07 |
| 4 | Mr. | BHAGAT KRUNAL GAJANAN | A |
| 5 | Ku | BHAGAT SANJIVANI SAGAR | 19 |
| 6 | Ku | BILKAR AMISHA SITARAM | 16 |
| 7 | Mr. | CHAUDHARY MUNESH RAVINDRASINGH | 18 |
| 8 | Ku | DAF PRADNYA CHANDRAKANTJI | 09 |
| 9 | Ku | DHABEKAR SWATI FATTU | 13 |
| 10 | Ku | JAUNJAL GARGI DILIP | 11 |
| 11 | Ku | KANOJE KHUSHI SANJAY | A |
| 12 | Ku | KARKI SRUSHTI SUBHASH | 17 |
| 13 | Ku | KAWALE GAYTRI VINOD | 17 |
| 14 | Ku | KAYARKAR JANHVI DHIRENDRA | A |
| 15 | Ku | KENE JANVI SUBHASHRAO | 13 |
| 16 | Ku | LAKDE SHREYASH MAHADEO | 16 |
| 17 | Mr. | LAKHE PRANAV BHUPESH | 18 |
| 18 | Ku | MARBATE SANSKRUTI RAJENDRA | 17 |

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR
SEMESTER EXAMINATION (ODD SEMESTER) WINTER-2022
SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S

SCIENCE COLLEGE

CONGRESS NAGAR, NAGPUR

B.Sc. III (SEMESTER-V)

UNIT-TEST-II (Unit 3 and 4)

SUB: CHEMISTRY (PAPER II) PHYSICAL CHEMISTRY

NOTE:- I) ALL QUESTIONS ARE COMPULSORY.
II) WRITE THE ANSWER TO THE QUESTION ACCORDING TO THE MARKS ALLOTTED.

- Q1. Explain the Jablonski diagram and discuss radioactive and non-radioactive decay. 5M
- Q2. What is the Raman effect? Explain the formation of Stokes and Antistokes lines. 5M
- Q3. Distinguish between additional polymerization and condensation polymerization. 2.5M
- Q4. Derive the thermodynamically the relation between depression point and the molecular weight of the solute. 2.5M
- Q5. Short answer 1x5=5M
1. State Beer-lambert law
 2. Define Raman's shift
 3. Selection rule for pure rotational Raman spectra
 4. State Raoult's law
 5. Define normality.


Dr. P.N. Deshmukh

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Congress Nagar, Nagpur

SSES Amravati's Science College, Congress Nagar Nagpur
Department of Chemistry
B.Sc Sem V- 2022-23 - Section C
Paper II (Physical Chemistry)
15/10/2022

Unit Test No- II

Marks:-20M

| CZM | | |
|-------------|-----------------------------|----|
| BATCH B - 1 | | |
| 1 | BHAISARE VISHWANI VILAS | 12 |
| 2 | BHINGARE VAIDEHI HEMANT | 15 |
| 3 | BHUSARI ANJALI SHAMRAO | 14 |
| 4 | BHUSARI PRANMAYI RAJESH | 18 |
| 5 | BODLE PRATHMESH VIJAYGIR | 17 |
| 6 | CHAKRAPANI RUCHITA SANJAY | 19 |
| 7 | CHAKRE AKANSHA SANJEEV | 10 |
| 8 | CHEWLANI ISHITA MAHESH | 11 |
| 9 | DAMEDHAR APURVA ANILRAO | 18 |
| 10 | DIBINA DINAKARAN | 19 |
| 11 | DIXIT SHRISHTI ARVIND | 20 |
| 12 | GHODMARE SANSKRUTI SURESH | AA |
| 13 | HATWAR HRUSHIKA SURESH | 14 |
| 14 | JAHAGIRDHAR TARINI SACHIN | 15 |
| 15 | JICHKAR SHARVARI VITTHALRAO | 16 |
| 16 | JOSHI SAE MAHESH | 11 |
| 17 | KAKDE AASHLESHA NARESH | 12 |
| 18 | KALKOTWAR NIMISHA RAJESH | 18 |
| 19 | KOLHE SANSKRUTI PRADIP | 14 |
| 20 | KORKE MANSI RAM | 19 |
| 21 | MANKAR DHANSHRI VINOD | 16 |
| 22 | MADAVI YUKTA RAJU | 15 |
| 23 | MUTE TEJASWINI RAJU | 14 |
| 24 | NIKHARE BHAIRAVI MOHANRAO | AA |
| 25 | NIMBHORKAR SUSHANT SUNIL | AA |
| 26 | PAIKMARE RIYA SANJAY | 14 |

| | | |
|----|----------------------------------|----|
| 27 | PATANKAR PURVA RAJESH | 15 |
| 28 | RAO P TWINKLE VENUGOPAL | 16 |
| 29 | SAHU SALONI KASHINATH | 15 |
| 30 | SARWE ISHA SHUKHDEO | 15 |
| 31 | SHAIKH ARSHIYA MUSHTAQUE | 11 |
| 32 | TAIKAR JANHAVI GANESH | 10 |
| 33 | TANDEKAR RITIKA MANOHAR | 15 |
| 34 | UDAN DIMPLE HRUDAYNATH | 14 |
| 35 | VICHORE GARGEE DATTAPRASANNA | 18 |
| 36 | VISHWAKARMA SHWETA VIRENDRAKUMAR | 11 |
| 37 | WADETTIWAR JANVI RAJENDRRA | 12 |
| 38 | WAGHMARE HARSH RAMU | 12 |
| 39 | WASNIK ROHINI NARESH | 15 |

| CBM | | |
|-------------|--------------------------|----|
| BATCH B - 2 | | |
| 1 | ANAND AKANKSHA SANKET | 11 |
| 2 | ATRAM HIMANSHI SANJAY | 14 |
| 3 | BHANGE ASTHA RAMESH | 15 |
| 4 | BHATKULKAR SHAMAL DILIP | 18 |
| 5 | BHONGADE VEDANT SUDHIR | 17 |
| 6 | DAHAYAT ISHA RAJENDRA | 19 |
| 7 | DEKAPURKWAR SHIVAM ATUL | 16 |
| 8 | DHENGE KIRAN SUNIL | 15 |
| 9 | GALBALE DIKSHITA RAMDAS | 14 |
| 10 | JADHAO EKTA LOKCHAND | 15 |
| 11 | JADHAV ASHLESHA AVINATH | 15 |
| 12 | KALAMKAR SNEHAL SURESH | 15 |
| 13 | KALOSHIYA DEVYANI DHARAM | AA |
| 14 | KAYARKAR JANHVI HEMANT | 15 |
| 15 | KHADE MOHIT RAMNATH | 14 |
| 16 | LONARE ISHA LAXMAN | 11 |
| 17 | MENDHULE KASTURI PRAKASH | 12 |
| 18 | MOREY AKSHADA SATISHRAO | 12 |
| 19 | NASARE GAURI PRADIP | 13 |
| 20 | PATIL SANJEEVINI DIWAKAR | 11 |
| 21 | RAI AYUSHI ADHIKESH | AA |
| 22 | RAMTEKE PREKSHA PRAKASH | 14 |
| 23 | SHAHU BHAGYASHREE DILIP | 14 |
| 24 | SHAH RAGINI RADHESHYAM | 15 |
| 25 | ANAND AKANKSHA SANKET | 16 |

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR
SEMESTER EXAMINATION (EVEN SEMESTER) SUMMER-2023
SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S

SCIENCE COLLEGE

CONGRESS NAGAR, NAGPUR

B.SC. I (SEMESTER-IV)

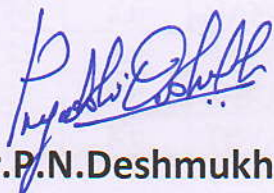
UNIT-TEST-I (Unit-1 and 2)

SUB: CHEMISTRY (PAPER II) PHYSICAL CHEMISTRY

NOTE:- I) ALL QUESTIONS ARE COMPULSORY.

II) WRITE THE ANSWER TO THE QUESTION ACCORDING TO THE MARKS ALLOTTED.

- Q1. State and explain the laws of crystallography. 5M
- Q2. What is transport number explain the method for determination of transport number. 5M
- Q3. Describe Arrhenius's theory of electrolytic dissociation and give its limitations. 2.5M
- Q4. Name any four types of Crystal systems. 2.5M
- Q5. Answer the following. 1x5=5M
1. Explain specific conductance and equivalent conductors
 2. Define Unit Cell And Space Lattice.
 3. what is a symmetric effect?
 4. Bragg's equation to calculate interplanar distance.
 5. What is the Relaxation effect?


Dr. P. N. Deshmukh.

Professor & Head
Department of Chemistry,
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Congress Nagar, Nagpur

26

Shri Shivaji Education Society Amravati's

Science College, Congress Nagar, Nagpur.

Name of Teacher:- **Dr. P .N. Deshmukh**

Class :- B. Sc. - II (IV Sem) **Unit test :-1 and II**

Subject :- Physical Chemistry Section :- A+D Batch :- **B1,B2,B3,B4**

2022 – 2023

Date-20/04/2023

Marks-20M

| Sr. No | | Batch B 1 | Marks (Out of 20) |
|--------|-----|---------------------------------|-------------------|
| 1 | Ku | BAIS MANSA KISHORSINGH | 12 |
| 2 | Mr. | CHAURAGADE PRANAY RAJESH | 01 |
| 3 | Ku | DEVIKAR DIVYA ARUN | 11 |
| 4 | Ku | GAWANDE MAYURI CHANDRAKANT | 17 |
| 5 | Ku | GHADGE CHETNA ARVIND | 18 |
| 6 | Ku | GOKHALE RENUKA PARAG | 15 |
| 7 | Ku | JAMGADE KASHISH CHANDAN | 15 |
| 8 | Ku | KOCHE MAYURI WALMIK | 01 |
| 9 | Ku | KURREWAR APARNA SHRIKANT | 20 |
| 10 | Ku | LIKHITKAR VAISHANAVI SHANKARRAO | 19 |
| 11 | Ku | LONARE NEHA CHANDAN | 17 |
| 12 | Ku | MAHANT MONALI PUNODAS | 11 |
| 13 | Ku | MESHRAM ANSHU GANESH | 19 |
| 14 | Ku | MESHRAM ANUSHREE RAVI | 16 |
| 15 | Ku | PANEKAR TANNUSHREE SHIRISH | 17 |
| 16 | Ku | PATEL JHUHI CHAMAN | 17 |
| 17 | Ku | SOMKUWAR RADHA RAJESH | 18 |
| 18 | Ku | SUBHEDAR PRAPTI ANANT | 17 |
| 19 | Ku | TALMALE YUKTI KULDEEP | 15 |
| 20 | Ku | THAKKAR VAIBHAV VILESH | 18 |
| 21 | Ku | JICHKAR FALGUNI YOGESHWAR | 17 |
| 22 | Ku | MIRE SHIKHA GAJANAN | 16 |
| 23 | Ku | MISHRA MUSKAN MADAN | 01 |
| 24 | Ku | NANDANWAR SUCHETA SURENDRA | 13 |
| 25 | Ku | SALPEKAR RADHIKA RAGHUNATH | 18 |
| 26 | Ku | SHRIVAS KHUSHI RAJESHJI | 17 |
| 27 | Ku | TIWARI SHRUTI SANJAY | 10 |

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR
SEMESTER EXAMINATION (IV SEMESTER)

SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S

SCIENCE COLLEGE

CONGRESS NAGAR, NAGPUR

B.Sc. II (SEMESTER-II)

UNIT TEST-1

SUB: CHEMISTRY (PAPER II)

PHYSICAL CHEMISTRY,

Session 2022-2023

NOTE:- I) ALL QUESTIONS ARE COMPULSORY.
II) WRITE THE ANSWER TO THE QUESTION ACCORDING TO MARKS ALLOTTED.

- Q1) Derive an expression for the efficiency of Carnot Heat Engine? 5M
- Q2) Give the statement of second law of thermodynamics. 5M
- Q3) I) Define Entropy Change?
II) Define Helmholtz free energy? 5M
- Q4) Define Gibbs' Helmholtz equation? 5M

Professor & Head
Department of Chemistry,
Shri Shivaji Science College
Congress Nagar, Nagpur



(22)

SSES Amravati's Science College, Congress Nagar Nagpur

Department of Chemistry

B.Sc Sem IV- 2022-23 - Section A+D

Paper II (Physical Chemistry)

Unit Test No- 1

Teacher Name:- Prof. R.U. Khope

PCM M1

| Sr.No | | Name of Students | |
|-------|----|-----------------------------------|----|
| 1 | Ku | AGARKAR PRANJAL VIJAY | 14 |
| 2 | | AMBEKAR ATHARV RAMBHAU | 14 |
| 3 | Ku | BAGDE SHRADDHA BABAN | 15 |
| 4 | Ku | BALODIYA RITIKA VISHNU | 15 |
| 5 | | BHAGAT KRUNAL GAJANAN | 14 |
| 6 | Ku | BHAGAT SANJIVANI SAGAR | 15 |
| 7 | Ku | BILKAR AMISHA SITARAM | 14 |
| 8 | Ku | CHANDANKHEDE RACHANA VINESH | 14 |
| 9 | | CHAUDHARY MUNESH RAVINDRASINGH | 15 |
| 10 | Ku | DAF PRADNYA CHANDRAKANT | 16 |
| 11 | Ku | DHABEKAR SWATI FATTU | 14 |
| 12 | Ku | JAUNJAL GARGI DILIP | |
| 13 | Ku | KANOJE KHUSHI SANJAY | 14 |
| 14 | Ku | KARKI SRUSHTI SUBHASH | 14 |
| 15 | Ku | KAWALE GAYATRI VINOD | 15 |
| 16 | Ku | KAYARKAR JANHVI DHIRENDRA | 14 |
| 17 | Ku | KENE JANVI SUBHASH | 14 |
| 18 | | KUMBHRE KARAN MADHAVRAO | 15 |
| 19 | | LAKDE SHREYASH MAHADEO | 14 |
| 20 | | LAKHE PRANAV BHUPESH | 15 |
| 21 | | MANDAL SURAJ SHANKAR | 16 |
| 22 | Ku | MARBATE SANSKRUTI RAJENDRA | 14 |
| 23 | Ku | MASRAM NIKITA SITARAM | 15 |



Professor & Head
Department of Chemistry,
Shri Shivaji Science College
Congress Nagar, Nagpur

Unit Test Examination I

Session 2022-2023

B.Sc. (Sem-III)

Time:

Sub: Organic Chemistry (paper II)

Maximum Marks-20

Topic: Substituted Arenes

Note: i) All the questions are compulsory and carry equal marks.

Q1. What are activating and deactivating groups? Show that hydroxy group in phenol has ortho-para directing group in an electrophilic substitution reaction?
5

Q2. How is toluene prepared from i) Benzene ii) Chlorobenzene. How does it react with Cl_2 in presence of FeCl_3 and Cl_2 in Sunlight? 5

Q3. I) Write Ullman synthesis of biphenyl? 2.5

II) Write Gomberg and fittig reaction for the preparation of biphenyl? 2.5

III) How does Toluene react with chloride i) In the Presence of ferric Chloride Catalyst ii) in diffused sunlight?

2.5

IV) How is biphenyl prepared by fittig reaction? 2.5

Prachi Khobragade
Prachi Khobragade

Professor & Head
Department of Chemistry,
Shri Shivaji Science College
Congress Nagar, Nagpur



SSES Amravati's Science College, Congress Nagar, Nagpur

Department Of Chemistry

B.Sc. Sem V – 2022-2023-Section E

Paper I (Organic Chemistry)

Unit Test no. 1- Mark List

Teacher Name- Prachi Khobragade

| Sr. No. | Batch B5 | Marks |
|----------------|------------------------------|--------------|
| 1. | ANSARI AHANA ISHA | 18 |
| 2. | ARORA ANSHITA RITESH | 15 |
| 3. | BAISWARE RITIK JITU | 17 |
| 4. | BAJANGHATE MOHINI VINOD | 16 |
| 5. | BANDUKIA SHEEFA MUNAF | 18 |
| 6. | BANERJEE RONIT TAPAS | 15 |
| 7. | BARDE AKANKSHA ASHISH | 17 |
| 8. | BHALAVI NAMRATA MANOJ | 14 |
| 9. | BHOJEKAR VAISHNAVI MORESHWAR | AB |
| 10. | BHOYAR SAMIKSHA KUSHABRAO | 12 |
| 11. | BORKAR AKANKSHA MUKESH | 13 |
| 12. | BRAMHANKAR SHITAL SANTOSH | 15 |
| 13. | BURADKAR ARYA PRAVIN | 14 |
| 14. | CHANDA SHRESHTHA ABHIJIT | 18 |
| 15. | CHANNE SIDDHI PRADIP | AB |
| 16. | CHIKHALE SAKSHI SANJAY | 12 |
| 17. | DESHMUKHA ADITI PRAVIN | 15 |
| 18. | DEULKAR TANAYA DEVANAND | 14 |
| 19. | DHABALE KAUSHALYA | 17 |
| 20. | DHARAMSHAHARE SAYOG VIKAS | 12 |
| 21. | DHOLE SALONI SATISH | 10 |
| 22. | DHOTE BHAVESH PURUSHOTTAM | 10 |
| 23. | FARKADE VAISHNAVI MADHUKAR | 09 |
| 24. | GAIKWAD EKTA KRISHNAKANT | 15 |
| 25. | GANDHI SAKSHI GHANSHYAM | AB |
| 26. | GOUR ISHIKA HARISH | 12 |
| 27. | GUJAR SHREEYA VIPINSINGH | 15 |
| 28. | JADHAV PRANOTI HEMANT | 17 |
| 29. | JAGTAP JANVI SUNIL | 18 |
| 30. | JAIN AVANTIKA SATISH | 06 |
| 31. | JAISWAL MITALI RAJESH | 07 |
| 32. | KADASNE VEDANT DILIP | 08 |
| 33. | KADU UNNATI RAJU | 12 |
| 34. | KAHATE SIDDHI SURESH | 16 |

Unit Test Examination I

Session 2022-2023

B.Sc. (Sem-V)

Time:

Sub: Organic Chemistry (paper I)

Maximum Marks-20

Topic: Heterocyclic Compounds

Note: i) All the questions are compulsory and carry equal marks.

Q1. Prepare pyridine from Penta methylene diamine hydrochloride?
(5)

Q2. Write chichibabin reaction? (5)

Q3.1) Relative basicity of pyrrole and pyridine? (2.5)

2) Fischer -Indole Synthesis? (2.5)

3) Nitration of Quinoline? (2.5)

4) Name starting material used in isoquinoline synthesis? (2.5)

Professor & Head
Department of Chemistry,
Shri Shivaji Science College
Congress Nagar, Nagpur

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SSES Amravati's Science College, Congress Nagar, Nagpur

Department Of Chemistry

B.Sc. Sem V– 2022-2023-Section A+D

Paper I (Organic Chemistry)

Unit Test no. 1- Mark List

Teacher Name- P.S. Utale

| Sr.No. | Batch A+D | Marks |
|--------|-----------------------------|-------|
| 1. | AAFREEN NIGAR ASIF | 15 |
| 2. | ADMANE ANISHKA SUNIL | 14 |
| 3. | AGLAVE RANITA EKNATH | 13 |
| 4. | BESANKAR SNEHA KAPURCHAND | 12 |
| 5. | BHAGAT MAYUR GAJANAN | 11 |
| 6. | BHAGAT PRIYANKA DAYANADND | 10 |
| 7. | BHAGAT SAMIKSHA GHANSHYAM | 11 |
| 8. | BHATT KHYATI SATYESH | 09 |
| 9. | BHOYAR PRAJWAL RAJU | 12 |
| 10. | BODHE AISHWARYA SHRIRAM | 13 |
| 11. | BORKAR SAGAR SADANAND | 14 |
| 12. | BUTLE MAHESHWARI TARUNDEO | Ab |
| 13. | DANDRE PALLAVI PANNALAL | 14 |
| 14. | DHAMGAYE ARYAN RITESH | 18 |
| 15. | DHOKE DHRUV RANJIT | 15 |
| 16. | DHOLE MANTHAN DILIP | 12 |
| 17. | DHORE AYUSH HARINATH | 13 |
| 18. | DIGARSE CHHAYA YADAVRAO | 12 |
| 19. | DONODE VISHAKHA MADHUSUDAN | 15 |
| 20. | GURAV NIKITA BHOJRAJ | 16 |
| 21. | JAVANJAR SANKET CHAITRAM | 14 |
| 22. | KAKDE JANHVI ANIL | 15 |
| 23. | KALBANDE KHUSHI DNYANESHWAR | 16 |
| 24. | KALBHUT KANCHAN GHANSHAM | 18 |
| 25. | KOLHE KHUSHBOO KRISHNA | 11 |
| 26. | KOTHALKAR MUKTA SUNIL | Ab |
| 27. | KALBANDE NIKHIL UMESH | 11 |
| 28. | GIRATKAR HARSHAD SHAMSUNDAR | 12 |

| | | |
|-----|----------------------------|----|
| 29. | MADAVI GAURAV FANDULAL | 15 |
| 30. | MAHEVASH ZAMANI ATAUR | 14 |
| 31. | MANIKWAR PRATIKSHA KAILAS | 13 |
| 32. | MARAVI YOGESH RAMNATH | 12 |
| 33. | MEHETRE SANKET VISHNU | 11 |
| 34. | MESHARAM LIPAKSHI RAJANAND | 10 |
| 35. | NAGPURE SIDDHSHWAR MOHAN | 11 |
| 36. | NAGRALE MOUSAM MAHENDRA | 09 |
| 37. | NAMIRA KAUSAR WASEEM | 12 |
| 38. | NAVGHARE DIKSHA RAJENDRRA | 13 |
| 39. | NIMBALKAR NEHA DILIP | 14 |
| 40. | PARASHAR ADARSH SUNIL | Ab |
| 41. | PAUNIKAR RITIK ISHWAR | 14 |
| 42. | SABLE NIKITA MANOJ | 18 |
| 43. | SHENDE MANSI SURESH | 15 |
| 44. | TAJNE VAIBHAVI DEVENDRA | 12 |
| 45. | THAKRE MRUNMAYI SUBHASH | 13 |
| 46. | THAKUR PANKAJ MANOHAR | 12 |
| 47. | TUNGSARE HARSHAD SHALIK | 15 |
| 48. | TURKANE MUKESH DHANPAL | 16 |
| 49. | UKEY SAKSHI OMPRAKASH | 14 |
| 50. | VERMA AMITKUMAR SURESH | 15 |
| 51. | VISHWAKARMA JYOTI RAJESH | 16 |
| 52. | WAGHMARE SRUSHTI RAVINDRA | 18 |
| 53. | WANJARI ADITI DINESH | 11 |
| 54. | YADAV KHUSHI RAJESH | Ab |
| 55. | WANKHEDE KHUSHI SANJAY | 11 |
| 56. | ALONE YASH ANIL | 12 |
| 57. | BANGDE ANSH PURUSHOTTAM | 11 |
| 58. | BASOPURKAR SARAS PRAKASH | 12 |
| 59. | BODKHE PRATIKSHA DILIP | 13 |
| 60. | BOMLE TANMAY VIJAY | 15 |
| 61. | BOTHLIKAR MUNISH SADASHIV | 16 |
| 62. | CHATAP DIPTI NILKANTH | 15 |
| 63. | DATAR MITALI SUNIL | 14 |
| 64. | DINESHWAR PUNAM BHOLRAM | 12 |
| 65. | DESHMUKH SOHAM PRASHANT | 13 |
| 66. | DESHPANDE MIUKTA RAVINDRA | 14 |
| 67. | DURGE RUPALI RAJU | Ab |



RASHTRASAT TUKADOJI MAHARAJ NAGPUR UNIVERSITY,
NAGPUR

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Internal Marks Sheet

Exam Name : FIFTH SEMESTER BACHELOR OF SCIENCE (B.SC.)
Subject Name : CHEMISTRY (PAPER II)
College Name : (100) SHRI SHIVAJI SCIENCE COLLEGE
Session : Winter-2022

Sem-V- P-II
2022-23.

| Sr. No. | SEAT NO | ENROLLMENT NO | STUDENT NAME | Marks / M |
|---------|---------|------------------|---------------------------|-----------|
| 1 | 655527 | 20211010020819 | AAFREEN NIGAR ASIF IQBAL | 10 |
| 2 | 655528 | 20211010020820 | AANCHAL ARVIND SHARMA | 09 |
| 3 | 655529 | 20211010020821 | AARTI ANGAD DONGARWAR | 10 |
| 4 | 655530 | 20211010020822 | AASHLESHA NARESH KAKDE | 10 |
| 5 | 655532 | 20211010020826 | ADITI AMIT JAIN | 10 |
| 6 | 655533 | 20211010020827 | ADITI ANAND BOKARE | 09 |
| 7 | 655534 | 20211010020828 | ADITI DINESH WANJARI | 10 |
| 8 | 655535 | 20211010020829 | ADITI PRAVIN DESHMUKH | 10 |
| 9 | 655536 | 20211010020830 | ADITI SHARAD GIRI | 10 |
| 10 | 655537 | 20211010020831 | AHANA ISHA ANSARI | 10 |
| 11 | 655538 | 20211010020833 | AISHWARYA SHRIRAM BODHE | 10 |
| 12 | 655539 | 20211010020834 | AKANKSHA ASHISH BARDE | 10 |
| 13 | 655540 | 20211010020835 | AKANKSHA MUKESH BORKAR | 09 |
| 14 | 655541 | 2013016600392312 | AKANKSHA PRABODH JANGAM | 09 |
| 15 | 655542 | 20211010020837 | AKANKSHA SANKET ANAND | 10 |
| 16 | 655543 | 20211010020839 | AKANSHA RAJU CHAVHAN | 10 |
| 17 | 655544 | 20211010020838 | AKANSHA SANJEEV CHAKRE | 10 |
| 18 | 655545 | 20211010020840 | AKSHADA SATISH MOREY | 10 |
| 19 | 655550 | 20211010020845 | ANISHKA SUNIL ADMANE | 10 |
| 20 | 655551 | 20211010020846 | ANJAL RAJENDRA SHAHU | 10 |
| 21 | 655552 | 20211010020847 | ANJALI RAJESH MADAVI | 10 |
| 22 | 655553 | 20211010020848 | ANJALI SHAILENDRA PATIL | 10 |
| 23 | 655554 | 20211010020849 | ANJALI SHAMRAO BHUSARI | 10 |
| 24 | 655555 | 20211010020850 | ANKITA MADHUKAR PARIHAR | 10 |
| 25 | 655556 | 20211010020851 | ANSHITA RITESH ARORA | 10 |
| 26 | 655557 | 20211010020852 | ANUSHKA ANAND KUMAR KHARE | 09 |

P. D. D. D.

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**RASHTRASAT TUKADOJI MAHARAJ NAGPUR UNIVERSITY,
NAGPUR**

Internal Marks Sheet

Name : FIFTH SEMESTER BACHELOR OF SCIENCE (B.SC.)
Subject Name : CHEMISTRY (PAPER II)
College Name : (100) SHRI SHIVAJI SCIENCE COLLEGE
Session : Winter-2022

| Sr. No. | SEAT NO | ENROLLMENT NO | STUDENT NAME | Marks / Max 10 |
|---------|---------|----------------|-----------------------------|-------------------|
| 27 | 655558 | 20211010020853 | APOORVA PRAVINRAO MANE | 10 |
| 28 | 655559 | 20211010020854 | APURVA ANILRAO DAMEDHAR | 09 |
| 29 | 655560 | 20211010020855 | APURVA ASHOK SINGH | 10 |
| 30 | 655561 | 20211010020856 | ARSHIYA MUSHTAQUE SHAIKH | 09 |
| 31 | 655563 | 20211010020858 | ARYA PRAVIN BURADKAR | 10 |
| 32 | 655564 | 20211010020859 | ASHLESHA AVINASH JADHAV | 10 |
| 33 | 655565 | 20211010020860 | ASHLESHA DEEPAK NINAWA | 10 |
| 34 | 655567 | 20211010020862 | ASTHA RAMESH BHANGE | 10 |
| 35 | 655569 | 20211010020864 | AVANTIKA SATISH JAIN | 10 |
| 36 | 655570 | 20211010020865 | AYUSHI ADHIKESH RAI | 10 |
| 37 | 655571 | 20211010020866 | AYUSHI LAXMIKANT HEDAU | 10 |
| 38 | 655573 | 20211010020868 | BHAGYASHREE DILIP SHAHU | 10 |
| 39 | 655574 | 20211010020869 | BHAIRAVI MOHANRAO NIKHARE | 10 |
| 40 | 655576 | 20211010020871 | BHAVANA DILIP BHUJADE | 09 |
| 41 | 655577 | 20211010020872 | BHAVANA KESHAO BAGDE | 09 |
| 42 | 655579 | 20211010020874 | BHOOMIKA SHIRISH MIRASHI | 09 |
| 43 | 655580 | 20211010020875 | CHAITALI SANDEEP PATIL | 08 |
| 44 | 655581 | 20211010020876 | CHARUL GOPAL MALOKAR | 08 |
| 45 | 655583 | 20211010020878 | CHHAYA YADAVRAO DIGARSE | 10 |
| 46 | 655584 | 20211010020879 | CHINMAYEE PRATAP NANNAWARE | 10 |
| 47 | 655585 | 20211010020880 | DEVYANI DHARAM KALOSHIYA | 09 |
| 48 | 655588 | 20211010020883 | DHANASHRI VINOD MANKAR | 09 |
| 49 | 655589 | 20201010012644 | DHANSHIKA RAJKAMAL WAGHMARE | 09 |
| 50 | 655590 | 20211010020884 | DIBINA DINAKARAN | 10 |
| 51 | 655591 | 20211010020885 | DIKSHA RAJENDRA NAVGHARE | 10 |
| 52 | 655593 | 20211010020887 | DIKSHITA RAMDAS GALBALE | 10 |

P. S. Ph.

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RASHTRASAT TUKADOJI MAHARAJ NAGPUR UNIVERSITY,
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Internal Marks Sheet

Course Name : FIFTH SEMESTER BACHELOR OF SCIENCE (B.SC.)
Subject Name : CHEMISTRY (PAPER II)
College Name : (100) SHRI SHIVAJI SCIENCE COLLEGE
Session : Winter-2022

| Sr. No. | SEAT NO | ENROLLMENT NO | STUDENT NAME | Marks / Max |
|---------|---------|------------------|------------------------------|-------------|
| 287 | 655952 | 20211010021260 | SHASHANK PARASNATH TIDKE | 10 |
| 288 | 655953 | 20211010021261 | SHIVAM ATUL DEKAPURWAR | 09 |
| 289 | 655954 | 20211010021262 | SHREENIVAS AASHISH SAOJI | 10 |
| 290 | 655956 | 20211010021265 | SHUBHAM SURESH KUMBHARE | 10 |
| 291 | 655957 | 20211010021266 | SHUBHAM YUVRAJ KOKODE | 09 |
| 292 | 655958 | 20211010021267 | SIDDHESHWAR MOHAN NAGPURE | 10 |
| 293 | 655961 | 20211010021269 | SUSHANT SUNIL NIMBHORKAR | 10 |
| 294 | 655965 | 20211010021273 | TEJAS CHANDRASHEKHAR SHRIPAL | 10 |
| 295 | 655966 | 20211010021274 | TEJAS TAYANAND DESHPANDE | 09 |
| 296 | 655969 | 20201010013010 | UTKARSH RUPCHAND SHAHARE | 10 |
| 297 | 655972 | 20211010021279 | VEDANT DILIP KADASNE | 09 |
| 298 | 655973 | 20211010021280 | VEDANT SUDHIR BHONGADE | 10 |
| 299 | 655975 | 20211010021282 | VIPLAV JAYANT WANKHEDE | 10 |
| 300 | 655979 | 20201010012881 | VISHWANI VILAS BHAISARE | 09 |
| 301 | 655981 | 20211010021287 | YASH NITIN MAHULE | 09 |
| 302 | 655984 | 20211010021288 | YASH VISHNU MEHAR | 09 |
| 303 | 655986 | 20211010021290 | YOGESH RAMNATH MARAVI | 10 |
| 304 | 655988 | 2015016600714095 | AMOL VASANTRAO WADHAI | 10 |

Signature of Examiner



Internal Marks Sheet

Exam Name : FIFTH SEMESTER BACHELOR OF SCIENCE (B.SC.)

Subject Name : CHEMISTRY (PAPER I)

College Name : (100) SHRI SHIVAJI SCIENCE COLLEGE

Session : Winter-2022

Sem-V - P-I
2022-23

| Sr. No. | SEAT NO | ENROLLMENT NO | STUDENT NAME | Marks / Max 10 |
|---------|---------|------------------|---------------------------|-------------------|
| 1 | 655527 | 20211010020819 | AAFREEN NIGAR ASIF IQBAL | 10 |
| 2 | 655528 | 20211010020820 | AANCHAL ARVIND SHARMA | 09 |
| 3 | 655529 | 20211010020821 | AARTI ANGAD DONGARWAR | 10 |
| 4 | 655530 | 20211010020822 | AASHLESHA NARESH KAKDE | 10 |
| 5 | 655532 | 20211010020826 | ADITI AMIT JAIN | 10 |
| 6 | 655533 | 20211010020827 | ADITI ANAND BOKARE | 09 |
| 7 | 655534 | 20211010020828 | ADITI DINESH WANJARI | 10 |
| 8 | 655535 | 20211010020829 | ADITI PRAVIN DESHMUKH | 10 |
| 9 | 655536 | 20211010020830 | ADITI SHARAD GIRI | 09 |
| 10 | 655537 | 20211010020831 | AHANA ISHA ANSARI | 10 |
| 11 | 655538 | 20211010020833 | AISHWARYA SHRIRAM BODHE | 10 |
| 12 | 655539 | 20211010020834 | AKANKSHA ASHISH BARDE | 10 |
| 13 | 655540 | 20211010020835 | AKANKSHA MUKESH BORKAR | 09 |
| 14 | 655541 | 2013016600392312 | AKANKSHA PRABODH JANGAM | 09 |
| 15 | 655542 | 20211010020837 | AKANKSHA SANKET ANAND | 10 |
| 16 | 655543 | 20211010020839 | AKANSHA RAJU CHAVHAN | 10 |
| 17 | 655544 | 20211010020838 | AKANSHA SANJEEV CHAKRE | 10 |
| 18 | 655545 | 20211010020840 | AKSHADA SATISH MOREY | 10 |
| 19 | 655550 | 20211010020845 | ANISHKA SUNIL ADMANE | 09 |
| 20 | 655551 | 20211010020846 | ANJAL RAJENDRA SHAHU | 10 |
| 21 | 655552 | 20211010020847 | ANJALI RAJESH MADAVI | 10 |
| 22 | 655553 | 20211010020848 | ANJALI SHAILENDRA PATIL | 10 |
| 23 | 655554 | 20211010020849 | ANJALI SHAMRAO BHUSARI | 10 |
| 24 | 655555 | 20211010020850 | ANKITA MADHUKAR PARIHAR | 10 |
| 25 | 655556 | 20211010020851 | ANSHITA RITESH ARORA | 10 |
| 26 | 655557 | 20211010020852 | ANUSHKA ANAND KUMAR KHARE | 09 |

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RASHTRASAT TUKADOJI MAHARAJ NAGPUR UNIVERSITY,
NAGPUR

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Internal Marks Sheet

Name : FIFTH SEMESTER BACHELOR OF SCIENCE (B.SC.)
Subject Name : CHEMISTRY (PAPER I)
College Name : (100) SHRI SHIVAJI SCIENCE COLLEGE
Session : Winter-2022

| Sr. No. | SEAT NO | ENROLLMENT NO | STUDENT NAME | Marks / Max 10 |
|---------|---------|----------------|-----------------------------|-------------------|
| 27 | 655558 | 20211010020853 | APOORVA PRAVINRAO MANE | 10 |
| 28 | 655559 | 20211010020854 | APURVA ANILRAO DAMEDHAR | 09 |
| 29 | 655560 | 20211010020855 | APURVA ASHOK SINGH | 10 |
| 30 | 655561 | 20211010020856 | ARSHIYA MUSHTAQUE SHAIKH | 10 |
| 31 | 655563 | 20211010020858 | ARYA PRAVIN BURADKAR | 10 |
| 32 | 655564 | 20211010020859 | ASHLESHA AVINASH JADHAV | 10 |
| 33 | 655565 | 20211010020860 | ASHLESHA DEEPAK NINAWA | 10 |
| 34 | 655567 | 20211010020862 | ASTHA RAMESH BHANGE | 10 |
| 35 | 655569 | 20211010020864 | AVANTIKA SATISH JAIN | 10 |
| 36 | 655570 | 20211010020865 | AYUSHI ADHIKESH RAI | 10 |
| 37 | 655571 | 20211010020866 | AYUSHI LAXMIKANT HEDAU | 10 |
| 38 | 655573 | 20211010020868 | BHAGYASHREE DILIP SHAHU | 10 |
| 39 | 655574 | 20211010020869 | BHAIRAVI MOHANRAO NIKHARE | 10 |
| 40 | 655576 | 20211010020871 | BHAVANA DILIP BHUJADE | 09 |
| 41 | 655577 | 20211010020872 | BHAVANA KESHAO BAGDE | 09 |
| 42 | 655579 | 20211010020874 | BHOOMIKA SHIRISH MIRASHI | 09 |
| 43 | 655580 | 20211010020875 | CHAITALI SANDEEP PATIL | 09 |
| 44 | 655581 | 20211010020876 | CHARUL GOPAL MALOKAR | 09 |
| 45 | 655583 | 20211010020878 | CHHAYA YADAVRAO DIGARSE | 10 |
| 46 | 655584 | 20211010020879 | CHINMAYEE PRATAP NANNAWARE | 10 |
| 47 | 655585 | 20211010020880 | DEVYANI DHARAM KALOSHIYA | 09 |
| 48 | 655588 | 20211010020883 | DHANASHRI VINOD MANKAR | 09 |
| 49 | 655589 | 20201010012644 | DHANSHIKA RAJKAMAL WAGHMARE | 10 |
| 50 | 655590 | 20211010020884 | DIBINA DINAKARAN | 10 |
| 51 | 655591 | 20211010020885 | DIKSHA RAJENDRA NAVGHARE | 10 |
| 52 | 655593 | 20211010020887 | DIKSHITA RAMDAS GALBALE | 10 |

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RASHTRASAT TUKADOJI MAHARAJ NAGPUR UNIVERSITY,
NAGPUR


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Internal Marks Sheet


Course Name : FIFTH SEMESTER BACHELOR OF SCIENCE (B.SC.)
Subject Name : CHEMISTRY (PAPER I)
College Name : (100) SHRI SHIVAJI SCIENCE COLLEGE
Session : Winter-2022

| Sr. No. | SEAT NO | ENROLLMENT NO | STUDENT NAME | Marks / Max 10 |
|---------|---------|------------------|------------------------------|-------------------|
| 287 | 655952 | 20211010021260 | SHASHANK PARASNATH TIDKE | 09 |
| 288 | 655953 | 20211010021261 | SHIVAM ATUL DEKAPURWAR | 10 |
| 289 | 655954 | 20211010021262 | SHREENIVAS AASHISH SAOJI | 10 |
| 290 | 655956 | 20211010021265 | SHUBHAM SURESH KUMBHARE | 09 |
| 291 | 655957 | 20211010021266 | SHUBHAM YUVRAJ KOKODE | 10 |
| 292 | 655958 | 20211010021267 | SIDDHESHWAR MOHAN NAGPURE | 10 |
| 293 | 655961 | 20211010021269 | SUSHANT SUNIL NIMBHORKAR | 10 |
| 294 | 655965 | 20211010021273 | TEJAS CHANDRASHEKHAR SHRIPAL | 09 |
| 295 | 655966 | 20211010021274 | TEJAS TAYANAND DESHPANDE | 10 |
| 296 | 655969 | 20201010013010 | UTKARSH RUPCHAND SHAHARE | 09 |
| 297 | 655972 | 20211010021279 | VEDANT DILIP KADASNE | 10 |
| 298 | 655973 | 20211010021280 | VEDANT SUDHIR BHONGADE | 10 |
| 299 | 655975 | 20211010021282 | VIPLAV JAYANT WANKHEDE | 09 |
| 300 | 655979 | 20201010012881 | VISHWANI VILAS BHAISARE | 09 |
| 301 | 655981 | 20211010021287 | YASH NITIN MAHULE | 09 |
| 302 | 655984 | 20211010021288 | YASH VISHNU MEHAR | 10 |
| 303 | 655986 | 20211010021290 | YOGESH RAMNATH MARAVI | 10 |
| 304 | 655988 | 2015016600714095 | AMOL VASANTRAO WADHAI | 10 |

Print Date & Time: 28-12-2022 03:38:42 PM


Dr. Yogita Meshram

Signature of Examiner


Dr. P.S. Waire



RASHTRASAT TUKADOJI MAHARAJ NAGPUR UNIVERSITY,
NAGPUR

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Internal Marks Sheet

Exam Name : FOURTH SEMESTER BACHELOR OF SCIENCE (B.SC.)
Subject Name : CHEMISTRY (PAPER I)
College Name : (100) SHRI SHIVAJI SCIENCE COLLEGE
Session : Summer-2023

| Sr. No. | SEAT NO | ENROLLMENT NO | STUDENT NAME | Marks / Max 10 |
|---------|---------|------------------|---------------------------------|-------------------|
| 1 | 538970 | 2021016600675616 | AFIYA MUNAF BANDHUKIA | 07 |
| 2 | 538971 | 2021016600470555 | AFIYANAAZ MANNAN SHEIKH | 09 |
| 3 | 538973 | 2021016600455672 | AKANKSHA RAJESH KALE | 08 |
| 4 | 538974 | 2021016600471141 | AKANSHA SUBHASH SANGOLE | 10 |
| 5 | 538977 | 2021016600718243 | AMATULLAH ILYASHUSAIN MILLWALA | 08 |
| 6 | 538978 | 2021016600661261 | AMBALEENA AMBADAS DHOKE | 08 |
| 7 | 538980 | 2021016600468595 | AMISHA SITARAM BILKAR | 08 |
| 8 | 538982 | 2021016600523106 | ANJALI BHAURAO SARWE | 08 |
| 9 | 538983 | 2021016600516002 | ANJALI BHIMSINGH GAUTAM | 09 |
| 10 | 538984 | 2021016600664634 | ANJALI DHARMESH DAVE | 07 |
| 11 | 538988 | 2021016600473147 | ANSHIKA SANJEET DAKAHA | 06 |
| 12 | 538989 | 2021016600463845 | ANSHU GANESH MESHRAM | 10 |
| 13 | 538990 | 2021016600474441 | ANUSHA MOHAN BHAGAT | 07 |
| 14 | 538991 | 2021016600534487 | ANUSHKA GANESH RAMAPURE | 06 |
| 15 | 538992 | 2021016600484176 | ANUSHREE RAVI MESHRAM | 07 |
| 16 | 538993 | 2021016600664665 | APARNA SHRIKANT KURREWAR | 10 |
| 17 | 538994 | 2021016600495464 | ARPITA SANDIP CHIDE | 06 |
| 18 | 538997 | 2021016600486024 | ARYA ULHAS WADE | 06 |
| 19 | 538998 | 2021016600667412 | ARYAA PRAFULLA DUMBHARE | 06 |
| 20 | 539000 | 2021016600495456 | AVANTI SUNIL PUSDEKAR | 07 |
| 21 | 539003 | 2021016600659865 | BHARTI RAJESH SATIBAWANE | 09 |
| 22 | 539004 | 2021016600480991 | BHAWANJALI SHYAMSUNDAR RINAYATE | 06 |
| 23 | 539005 | 2021016600481986 | CHAITRALI GANESHRAO SHENDE | 09 |
| 24 | 539006 | 2021016600681041 | CHANDVI MANIK MAHANT | 06 |
| 25 | 539007 | 2021016600665645 | CHETNA ARVIND GHADGE | 10 |
| 26 | 539008 | 2021016600501834 | DEVESHRI RANJEET INWATE | 06 |

Professor & Head
Department of Chemistry,
Shri Shivaji Science College
Congress Nagar, Nagpur



Dr. V. R. Kumbhar

**RASHTRASAT TUKADOJI MAHARAJ NAGPUR UNIVERSITY,
NAGPUR**

(4)

Internal Marks Sheet

Course : FOURTH SEMESTER BACHELOR OF SCIENCE (B.SC.)

Subject Name : CHEMISTRY (PAPER I)

College Name : (100) SHRI SHIVAJI SCIENCE COLLEGE

Session : Summer-2023

| Sr. No. | SEAT NO | ENROLLMENT NO | STUDENT NAME | Marks / Max |
|---------|---------|------------------|-------------------------------|-------------|
| 27 | 539009 | 2021016600487356 | DHANSHREE NARENDRA CHOUDHARY | 07 |
| 28 | 539010 | 2021016600457303 | DHANSHREE SHARADRAO MANDURKAR | 08 |
| 29 | 539011 | 2021016600667435 | DHIRAJKUMARI INDRAJEET SINGH | 08 |
| 30 | 539013 | 2021016600458217 | DIKSHA RAVINDRA GEDAM | 07 |
| 31 | 539015 | 2021016600703077 | DISHA VIJAY RAUT | 08 |
| 32 | 539016 | 2021016600470315 | DIVYA ARUN DEVIKAR | 10 |
| 33 | 539017 | 2021016600474487 | DIVYA BIPIN PANDEY | 08 |
| 34 | 539018 | 2021016600712873 | DIVYA DILIP KESARE | 08 |
| 35 | 539019 | 2021016600470532 | DIVYA MANOJ SURKAR | 10 |
| 36 | 539020 | 2021016600470323 | DIVYA RAKESH SINGH | 10 |
| 37 | 539021 | 2021016600700984 | DIVYA YUVARAJ KAKDE | 10 |
| 38 | 539024 | 2021016600463814 | DNYANESHVARI BHASKAR SUKARE | 06 |
| 39 | 539025 | 2021016600486032 | DURGESHWARI DHIRALAL TRIPATHI | 08 |
| 40 | 539027 | 2021016600458442 | ESHA MAHADEV GAUTRE | 06 |
| 41 | 539028 | 2021016600673134 | FALGUNI VINOD KUMBHRE | 06 |
| 42 | 539029 | 2021016600675381 | FALGUNI YOGESHWAR JICHKAR | 10 |
| 43 | 539030 | 2021016600661582 | GARGI DILIP JAUNJAL | 08 |
| 44 | 539031 | 2021016600675373 | GARGI VINAYAK POPERE | 06 |
| 45 | 539033 | 2021016600484184 | GAURI SHRIKANT PATLE | 09 |
| 46 | 539035 | 2021016600479314 | GAYATRI VINOD KAWALE | 10 |
| 47 | 539037 | 2021016600476382 | GEETIKA ANIL MOHOD | 09 |
| 48 | 539039 | 2021016600474456 | GOURI PRASHANT PANCHBUDHE | 10 |
| 49 | 539041 | 2021016600681056 | HARDIKA PANDURANG SARODE | 09 |
| 50 | 539044 | 2021016600665653 | HIMANI LAXMAN DADMAL | 09 |
| 51 | 539045 | 2021016600471543 | ISHA AJAY KOLHATKAR | 10 |
| 52 | 539046 | 2021016600669376 | ISHA ANIL DHOLE | 06 |

Professor & Head
Department of Chemistry,
Shri Shivaji Science College
Congress Nagar, Nagpur



Dr. V.R. Kulkarni

RASHTRASAT TUKADOJI MAHARAJ NAGPUR UNIVERSITY,
NAGPUR

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Internal Marks Sheet

ame : FOURTH SEMESTER BACHELOR OF SCIENCE (B.SC.)
t Name : CHEMISTRY (PAPER I)
ge Name : (100) SHRI SHIVAJI SCIENCE COLLEGE
on : Summer-2023

| Sr. No. | SEAT NO | ENROLLMENT NO | STUDENT NAME | Marks / Ma |
|---------|---------|------------------|----------------------------|------------|
| 261 | 539369 | 2021016600507541 | SHRIVATSA PRASHANT PITALE | 10 |
| 262 | 539371 | 2021016600660176 | SIDDHANT MANISH BELEKAR | 10 |
| 263 | 539372 | 2021016600678294 | SIDDHESH RAMESHWAR BHALAVI | 08 |
| 264 | 539373 | 2021016600456822 | SNEHAL MANOJKUMAR PATLE | 06 |
| 265 | 539376 | 2021016600479322 | SWARUP VIJAY BANGALE | 09 |
| 266 | 539381 | 2021016600480983 | VAIBHAV VILESH THAKKAR | 07 |
| 267 | 539382 | 2021016600724441 | VARUN DOLATRAM MOTWANI | 10 |
| 268 | 539385 | 2021016600470056 | VINKU MANIK MOUNDEKAR | 10 |
| 269 | 539387 | 2021016600512832 | YASH ANAND DHENDE | 07 |
| 270 | 539389 | 2021016600512855 | YASH GHANSHAYAM CHAKOLE | 06 |
| 271 | 539391 | 2021016600673142 | YASH ULHAS DIGERSE | 09 |
| 272 | 539392 | 2021016600507533 | YASHWANT RAJU PAUNIKAR | 10 |
| 273 | 539394 | NU/A2/17570 | SNEHAL ASHOK NINAWA | 06 |
| 274 | 539395 | 2015016600714095 | AMOL VASANTRAO WADHAI | 07 |

Professor & Head
Department of Chemistry,
Shri Shivaji Science College
Congress-Nagar, Nagpur
Print Date & Time: 16-06-2023 11-09-32 AM



Dr. V.R. Kinhikar
Signature of Examiner
Santa Wadikar



RASHTRASAT TUKADOJI MAHARAJ NAGPUR UNIVERSITY,
NAGPUR

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Internal Marks Sheet

Exam Name : SIXTH SEMESTER BACHELOR OF SCIENCE (B.SC.)

Subject Name : CHEMISTRY (PAPER I)

College Name : (100) SHRI SHIVAJI SCIENCE COLLEGE

Session : Summer-2023

| Sr. No. | SEAT NO | ENROLLMENT NO | STUDENT NAME | Marks / Max 10 |
|---------|---------|------------------|--------------------------|-------------------|
| 1 | 259037 | 2015016600714095 | AMOL VASANTRAO WADHAI | 07 |
| 2 | 259038 | 2012016600385477 | NIRAJ VITTHALRAO MOWALE | 07 |
| 3 | 415866 | 20211010020819 | AAFREEN NIGAR ASIF IQBAL | 10 |
| 4 | 415867 | 20211010020820 | AANCHAL ARVIND SHARMA | 10 |
| 5 | 415868 | 20211010020821 | AARTI ANGAD DONGARWAR | 07 |
| 6 | 415869 | 20211010020822 | AASHLESHA NARESH KAKDE | 08 |
| 7 | 415871 | 20211010020825 | ADITHYA ANIL KALLATTU | 10 |
| 8 | 415872 | 20211010020826 | ADITI AMIT JAIN | 08 |
| 9 | 415873 | 20211010020827 | ADITI ANAND BOKARE | 10 |
| 10 | 415874 | 20211010020828 | ADITI DINESH WANJARI | 10 |
| 11 | 415875 | 20211010020829 | ADITI PRAVIN DESHMUKH | 09 |
| 12 | 415876 | 20211010020830 | ADITI SHARAD GIRI | 08 |
| 13 | 415877 | 20211010020831 | AHANA ISHA ANSARI | 09 |
| 14 | 415878 | 20211010020833 | AISHWARYA SHRIRAM BODHE | 10 |
| 15 | 415879 | 20211010020834 | AKANKSHA ASHISH BARDE | 08 |
| 16 | 415880 | 20211010020835 | AKANKSHA MUKESH BORKAR | 10 |
| 17 | 415881 | 2013016600392312 | AKANKSHA PRABODH JANGAM | 08 |
| 18 | 415882 | 20211010020837 | AKANKSHA SANKET ANAND | 08 |
| 19 | 415883 | 20211010020839 | AKANSHA RAJU CHAVHAN | 08 |
| 20 | 415884 | 20211010020838 | AKANSHA SANJEEV CHAKRE | 08 |
| 21 | 415885 | 20211010020840 | AKSHADA SATISH MOREY | 07 |
| 22 | 415890 | 20211010020845 | ANISHKA SUNIL ADMANE | 09 |
| 23 | 415891 | 20211010020846 | ANJAL RAJENDRA SHAHU | 09 |
| 24 | 415892 | 20211010020847 | ANJALI RAJESH MADAVI | 09 |
| 25 | 415893 | 20211010020848 | ANJALI SHAILENDRA PATIL | 07 |
| 26 | 415894 | 20211010020849 | ANJALI SHAMRAO BHUSARI | 09 |

Professor & Head
Department of Chemistry,
Shri Shivaji Science College
Congress Nagar, Nagpur

Print Date & Time: 22-05-2023 04:22:30 PM



A. R. D. Unkule
M. S. Dhake
Signature of Examiner


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**RASHTRASAT TUKADOJI MAHARAJ NAGPUR UNIVERSITY,
NAGPUR**

Internal Marks Sheet

Name : SIXTH SEMESTER BACHELOR OF SCIENCE (B.SC.)
Subject Name : CHEMISTRY (PAPER I)
College Name : (100) SHRI SHIVAJI SCIENCE COLLEGE
Session : Summer-2023

| Sr. No. | SEAT NO | ENROLLMENT NO | STUDENT NAME | Marks / Max |
|---------|---------|----------------|-----------------------------|-------------|
| 27 | 415895 | 20211010020850 | ANKITA MADHUKAR PARIHAR | 10 |
| 28 | 415896 | 20211010020851 | ANSHITA RITESH ARORA | 08 |
| 29 | 415897 | 20211010020852 | ANUSHKA ANAND KUMAR KHARE | 09 |
| 30 | 415898 | 20211010020853 | APOORVA PRAVINRAO MANE | 08 |
| 31 | 415899 | 20211010020854 | APURVA ANILRAO DAMEDHAR | 07 |
| 32 | 415900 | 20211010020855 | APURVA ASHOKSINGH THAKUR | 09 |
| 33 | 415901 | 20211010020856 | ARSHIYA MUSHTAQUE SHAIKH | 09 |
| 34 | 415903 | 20211010020858 | ARYA PRAVIN BURADKAR | 09 |
| 35 | 415904 | 20211010020859 | ASHLESHA AVINASH JADHAV | 09 |
| 36 | 415905 | 20211010020860 | ASHLESHA DEEPAK NINAWA | 09 |
| 37 | 415907 | 20211010020862 | ASTHA RAMESH BHANGE | 09 |
| 38 | 415909 | 20211010020864 | AVANTIKA SATISH JAIN | 10 |
| 39 | 415910 | 20211010020865 | AYUSHI ADHIKESH RAI | 08 |
| 40 | 415911 | 20211010020866 | AYUSHI LAXMIKANT HEDAU | 08 |
| 41 | 415913 | 20211010020868 | BHAGYASHREE DILIP SHAHU | 08 |
| 42 | 415914 | 20211010020869 | BHAIRAVI MOHANRAO NIKHARE | 08 |
| 43 | 415916 | 20211010020871 | BHAVANA DILIP BHUJADE | 10 |
| 44 | 415918 | 20211010020874 | BHOOMIKA SHIRISH MIRASHI | 07 |
| 45 | 415919 | 20211010020875 | CHAITALI SANDEEP PATIL | 10 |
| 46 | 415920 | 20211010020876 | CHARUL GOPAL MALOKAR | 08 |
| 47 | 415922 | 20211010020878 | CHHAYA YADAVRAO DIGARSE | 08 |
| 48 | 415923 | 20211010020879 | CHINMAYEE PRATAP NANNAWARE | 10 |
| 49 | 415924 | 20211010020880 | DEVYANI DHARAM KALOSHIYA | 08 |
| 50 | 415927 | 20211010020883 | DHANASHRI VINOD MANKAR | 08 |
| 51 | 415928 | 20201010012644 | DHANSHIKA RAJKAMAL WAGHMARE | 08 |
| 52 | 415929 | 20211010020884 | DIBINA DINAKARAN | 10 |


Professor & Head
Department of Chemistry,
Shri Shivaji Science College
Congress Nagar, Nagpur
Print Date & Time: 22-05-2023 04:22-30 PM



Signature of Examiner

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**RASHTRASAT TUKADOJI MAHARAJ NAGPUR UNIVERSITY,
NAGPUR**

Internal Marks Sheet

Exam Name : SIXTH SEMESTER BACHELOR OF SCIENCE (B.SC.)

Subject Name : CHEMISTRY (PAPER I)

College Name : (100) SHRI SHIVAJI SCIENCE COLLEGE

Session : Summer-2023

| Sr. No. | SEAT NO | ENROLLMENT NO | STUDENT NAME | Marks / Max 10 |
|---------|---------|----------------|------------------------------|-------------------|
| 287 | 416287 | 20211010021255 | SANKET VISHNU MEHATRE | 08 |
| 288 | 416290 | 20211010021259 | SAURABH KAPILDEV PRAJAPATI | 07 |
| 289 | 416291 | 20211010021260 | SHASHANK PARASNATH TIDKE | 10 |
| 290 | 416292 | 20211010021261 | SHIVAM ATUL DEKAPURWAR | 08 |
| 291 | 416293 | 20211010021262 | SHREENIVAS AASHISH SAOJI | 07 |
| 292 | 416295 | 20211010021265 | SHUBHAM SURESH KUMBHARE | 10 |
| 293 | 416296 | 20211010021266 | SHUBHAM YUVRAJ KOKODE | 07 |
| 294 | 416297 | 20211010021267 | SIDDHESHWAR MOHAN NAGPURE | 10 |
| 295 | 416300 | 20211010021269 | SUSHANT SUNIL NIMBHORKAR | 08 |
| 296 | 416304 | 20211010021273 | TEJAS CHANDRASHEKHAR SHRIPAL | 08 |
| 297 | 416305 | 20211010021274 | TEJAS TAYANAND DESHPANDE | 07 |
| 298 | 416308 | 20201010013010 | UTKARSH RUPCHAND SHAHARE | 07 |
| 299 | 416311 | 20211010021279 | VEDANT DILIP KADASNE | 08 |
| 300 | 416312 | 20211010021280 | VEDANT SUDHIR BHONGADE | 08 |
| 301 | 416314 | 20211010021282 | VIPLAV JAYANT WANKHEDE | 08 |
| 302 | 416319 | 20211010021287 | YASH NITIN MAHULE | 10 |
| 303 | 416322 | 20211010021288 | YASH VISHNU MEHAR | 09 |
| 304 | 416324 | 20211010021290 | YOGESH RAMNATH MARAVI | 10 |

Professor & Head
Department of Chemistry,
Shri Shivaji Science College
Congress Nagar, Nagpur
Print Date & Time: 22-05-2023 04-22-30 PM



Signature of Examiner

1) Dr. R. Uekude
2) Sazary Dhok
3) S. Shampag



Internal Marks Sheet

Sem II Paper II

Exam Name : SECOND SEMESTER BACHELOR OF SCIENCE (B.SC.)

Subject Name : CHEMISTRY (PAPER II)

College Name : (100) SHRI SHIVAJI SCIENCE COLLEGE

Session : Summer-2023

| Sr. No. | SEAT NO | ENROLLMENT NO | STUDENT NAME | Marks / Max |
|---------|---------|---------------|------------------------------|-------------|
| 1 | 611943 | - | AACHALDINESH NITNAWARE | 10 |
| 2 | 611944 | - | AARADHANA RAJENDRA BHASMOTE | 07 |
| 3 | 611945 | - | AARTI LAXMAN ANDRASKAR | 08 |
| 4 | 611946 | - | AARTI OMSHANKAR BAGHELE | 07 |
| 5 | 611947 | - | AASAWARI PRABHANJAN NAIKWADE | 10 |
| 6 | 611948 | - | ACHAL ANUJ TIWARI | 10 |
| 7 | 611950 | - | AISHWARYA PRAKASH MENDWADE | 07 |
| 8 | 611951 | - | AISHWARYA SUNIL TINKHEDE | 10 |
| 9 | 611953 | - | AKANSHA VIJAY SHINDE | 10 |
| 10 | 611955 | - | ALIYA AFTAB | 09 |
| 11 | 611956 | - | AMBIKA AMIT SINGH | 08 |
| 12 | 611958 | - | ANCHAL ANOOP BOLE | 07 |
| 13 | 611959 | - | ANJALI DEVISHANKAR TRIVEDI | 08 |
| 14 | 611960 | - | ANJALI VISWAS BANSOD | 07 |
| 15 | 611961 | - | ANSHUL SANJAY SINGH | 08 |
| 16 | 611963 | - | ANSHUL SANJAY SINGH | 07 |
| 17 | 611964 | - | ANURADHA ARUN BHAGAT | 10 |
| 18 | 611965 | - | ANURADHA RAJABHAU PHAD | 09 |
| 19 | 611966 | - | ANUSHKA AMAR PALANDURKAR | 08 |
| 20 | 611967 | - | ANUSHKA ANIL GANVIR | 08 |
| 21 | 611971 | - | ANUSHKA DEVIDAS CHANGOLE | 07 |
| 22 | 611972 | - | ANUSHKA DEVIDAS CHANGOLE | 08 |
| 23 | 611973 | - | APURVA TAPAN SAHU | 08 |
| 24 | 611974 | - | ARNIKA SUSHILKUMAR NIMJE | 10 |
| 25 | 611976 | - | ARPITA KISHOR GAJBHIYE | 08 |
| 26 | 611980 | - | ARYA ARUN WUIKEY | 08 |
| | | | ARYA VIKAS KUNDARPAWAR | 09 |
| | | | ASHWINI RAVI NAHATE | 10 |
| | | | | 08 |

Professor & Head
Department of Chemistry,
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Congress Nagar, Nagpur

P. N. Deshpande



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**RASHTRASAT TUKADOJI MAHARAJ NAGPUR UNIVERSITY,
NAGPUR**

Internal Marks Sheet

Name : SECOND SEMESTER BACHELOR OF SCIENCE (B.SC.)
Subject Name : CHEMISTRY (PAPER II)
College Name : (100) SHRI SHIVAJI SCIENCE COLLEGE
Session : Summer-2023

| Sr. No. | SEAT NO | ENROLLMENT NO | STUDENT NAME | Marks / Max 10 |
|---------|---------|---------------|---------------------------------|-------------------|
| 27 | 611981 | - | ASHWINI UMESH BARASKAR | 09 |
| 28 | 611983 | - | ASTHA SATISH ANCHALWAR | 07 |
| 29 | 611984 | - | AVANI PREMDAS KALE | 10 |
| 30 | 611985 | - | AVANTI ANIRUDHA ZADGAONKAR | 08 |
| 31 | 611986 | - | AVANTIKA SHRIKANT MULEY | 08 |
| 32 | 611987 | - | AWANI PRASHANT KARWADE | 07 |
| 33 | 611988 | - | AWANTI SAHEBRAO KOTHALKAR | 09 |
| 34 | 611990 | - | AYUSHI MANOJKUMAR BAGDE | 07 |
| 35 | 611991 | - | BHAGYSHREE VILAS SHENDE | 09 |
| 36 | 611992 | - | BHARVI VIKAS CHAUDHARI | 09 |
| 37 | 611993 | - | CHETANA DINESH BHAISARE | 09 |
| 38 | 611995 | - | CHETNA KAILAS DALVI | 09 |
| 39 | 611996 | - | CHETNA MORESHWAR KHADSE | 10 |
| 40 | 611998 | - | DAKSHITA SANJAY MADAN | 08 |
| 41 | 611999 | - | DEVASHREE BHURAO DHARMIK | 09 |
| 42 | 612001 | - | DEVYANI WALKE | 09 |
| 43 | 612002 | - | DHANASHREE DEEPAK MORE | 09 |
| 44 | 612003 | - | DHANASHREE VIKAS DALAL | 09 |
| 45 | 612004 | - | DIVYA SUDHAKAR MUDE | 10 |
| 46 | 612005 | - | DIVYA VIKAS GOSWAMI | 10 |
| 47 | 612006 | - | DIVYALI EKNATH MESHAM | 08 |
| 48 | 612007 | - | DIVYAPRABHA SANJAYKUMAR | 07 |
| 49 | 612008 | - | DIYA DEEPAK BAGDE | 08 |
| 50 | 612009 | - | DURGA RAJU WALDE | 08 |
| 51 | 612010 | - | DURGESHWARI RAMPRASAD CHAUDHARI | 08 |
| 52 | 612011 | - | EKTA SANJAY KASEKAR | 08 |

Professor & Head
Department of Chemistry,
Shri Shivaji Science College
Congress Nagar, Nagpur



(27)
(48)
**RASHTRASAT TUKADOJI MAHARAJ NAGPUR UNIVERSITY,
NAGPUR**

Internal Marks Sheet

Name : SECOND SEMESTER BACHELOR OF SCIENCE (B.SC.)
Subject Name : CHEMISTRY (PAPER II)
College Name : (100) SHRI SHIVAJI SCIENCE COLLEGE
Session : Summer-2023

| Sr. No. | SEAT NO | ENROLLMENT NO | STUDENT NAME | Marks / Max 10 |
|---------|---------|------------------|---------------------------|-------------------|
| 312 | 612371 | - | RAUNAK KRISHNA HIWARKAR | 10 |
| 313 | 612374 | - | SAHIL GAJANAN BEHATE | 07 |
| 314 | 612376 | - | SAMYAK DNYANESHWAR BANSOD | 09 |
| 315 | 612377 | - | SANCHIT SHESHRAO JUNGHARE | 07 |
| 316 | 612378 | - | SARTHAK RAJENDRA PATHADE | 08 |
| 317 | 612381 | - | SHAFIN RAFIYODDIN HAKIM | 08 |
| 318 | 612382 | - | SHARVARI MANIKRAO PATEWAR | 10 |
| 319 | 612386 | - | SIDDHANT RAMUJI GHADGE | 07 |
| 320 | 612388 | - | SOKSHAM NISHANT DHOK | 10 |
| 321 | 612391 | - | SUMATI SANJAY KALE | 08 |
| 322 | 612392 | - | SWAYAM KISHOR SAWARKAR | 10 |
| 323 | 612393 | - | TANMAY PRADIP NAGARE | 08 |
| 324 | 612396 | - | VAIBHAV WAMAN TIDKE | 09 |
| 325 | 612400 | - | VEDANTI DINESH WAKULKAR | 09 |
| 326 | 612405 | - | YASH PRAMOD WASNIK | 09 |
| 327 | 612408 | - | YASH SUNIL DORLE | 10 |
| 328 | 612410 | - | YUGANT LAXMAN RAKSHAK | 09 |
| 329 | 612411 | 2021016600524133 | KANAK NANDKISHOR SHARMA | 09 |
| 330 | 612412 | 2021016600668895 | NIDHI ARVIND NAYAB | 09 |
| 331 | 612416 | 2021016600670387 | DEEPAK UMESH VISHWAKARMA | 09 |

Professor & Head
Department of Chemistry,
Shri Shivaji Science College
Congress Nagar, Nagpur

Print Date & Time: 07-07-2023 02:57:50 PM

P.N. Deshpande
P.N. Deshpande



Signature of Examiner