

Vivekanand College, Kolhapur (Autonomous)

Department of Chemistry

M.Sc I Sem I

Theory Internal Examination 2020-21

All the students of M.Sc I are hereby informed that their theory

Internal Examination of Sem I will be conducted in online manner from 05/02/2021 to 09/02/2021 .The details regarding the time table, syllabus will be uploaded later on.



Dr. D.B. Patil.

Head of Department
head
Dept. of Chemistry
Vivekanand College, Kolhapur

Vivekanand College, Kolhapur
(Autonomous) M. Sc. I, Sem -II, Internal
Exam Aug-2021, Paper CP-1137B-
Inorganic Chemistry-II

* Indicates required question

1. Email *

2. Name of the student *

3. Roll No. *

4. E mail

5. Monazite is the best known mineral contains _____ elements.

Mark only one oval.

- Actinides
 Lanthanides
 Both of these
 None of these

6. What is cause of lanthanide contraction?

Mark only one oval.

- Poor shielding of 4f electrons
 Gradual increase in nuclear charge from La to Lu
 Both of these
 None of these

7. _____ ion is eluted first followed by remaining lanthanides.

Mark only one oval.

- Lu^{2+}
 Ln^{3+}
 La^{3+}
 Lu^{3+}

8. Which of the following is not a consequence of lanthanide contraction?

Mark only one oval.

- From La^{+3} to Lu^{+3} , the ionic radii changes from 106 pm to 85 pm
 As the size of the lanthanide ions decreases the basic strength increases
 The basic character of oxides and hydroxides decreases with increase in atomic number
 The atomic radii of 4d and 5d series is similar

10/7/23, 11:58 AM Vivekanand College, Kolhapur (Autonomous) M. Sc. I, Sem -II, Internal Exam Aug-2021, Paper CP-1137B- Inorganic Chemi...

9. In separation of lanthanons by ion exchange method, eluting solution used is

.....

Mark only one oval.

- citric acid + ammonium citrate
 citric acid + NH₄OH
 NH₄Cl + NH₄OH
 acetic acid + ammonium acetate

10. Basic character of hydroxides of lanthanides from La to Lu.

Mark only one oval.

- increases
 decreases
 remains same
 show irregular variations

11. Transuranic elements are also called as elements.

Mark only one oval.

- lanthanides
 p-block
 lanthanons
 synthetic

12. Which of the following lanthanide ions do not exhibit color?

Mark only one oval.

- Lu⁺³ and Ln⁺³
 Lu⁺² and Ln⁺²
 Ce⁺³ and Ce⁺³
 Pr⁺⁴ and Ce⁺⁴

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13. Which statement best describes the electronic spectra of lanthanoids?

Mark only one oval.

- Absorptions due to 4f-4f transitions are, in theory, forbidden, but nonetheless give rise to intense absorptions
 Absorptions due to 4f-4f transitions are sharp; those assigned to 4f-5d transitions are broad
 Absorptions due to 4f-4f transitions are broad; those assigned to 4f-5d transitions are sharp
 When an Ln³⁺ ion forms a complex, absorptions due to 4f-4f transitions undergo significant shifts, the magnitude depending on the ligands

14. Which of the following series contains only paramagnetic metal ions?

Mark only one oval.

- La³⁺, Ce³⁺, Sm³⁺
 Sm³⁺, Ho³⁺, Lu³⁺
 Ce³⁺, Eu³⁺, Yb³⁺
 La³⁺, Gd³⁺, Eu³⁺

15. Complete the following reaction $P_4 + 3NaOH + 3H_2O \rightarrow \underline{\hspace{2cm}} + 3NaH_2PO_2$

Mark only one oval.

- P
 PH₃
 (PO₄)₂
 Ca₃(PO₄)₂



16. _____ is prepared by heating a powdered mixture of burned lime and coke in electric furnace at 2000°C.

Mark only one oval.

- Aluminium carbide
 Carbides
 Metallic carbides
 Calcium carbide

17. $(Si_2O_7)^{6-}$ is a main unit of _____ compounds?

Mark only one oval.

- Pyrosilicates
 Orthosilicates
 Chain silicates
 Cyclic silicates

18. Which compound is obtained by passing ammonia into a solution of disulfur dichloride in dry carbon tetrachloride?

Mark only one oval.

- Disulfur nitride
 Tetrasulfur tetranitride
 Phosphazenes
 None of these

19. SN_4 has a _____ structure.

Mark only one oval.

- Tetrahedral
 Cage like skeletal
 Trigonal bipyramidal
 Octahedral

20. The iodine pentafluoride shows _____ hybridization and _____ structure

Mark only one oval.

- sp^3d , square pyramidal
 sp^3d^2 , pentagonal
 sp^3d^2 , square pyramidal
 sp^3d^2 , pentagonal

21. _____ is prepared by dehydrating formic acid with conc. sulfuric acid.

Mark only one oval.

- Carbon dioxide
 Carbon monoxide
 Calcium carbonate
 Sulfur dioxide

22. The existence of a substance in a more than one crystalline form possess different physical properties is known as _____.

Mark only one oval.

- Isomerism
 Polymorphism
 diagonal relationship
 Allotropes

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23. B5H11 is named as _____.

Mark only one oval.

- Nidodecaboranes
- Arachnospentaborane
- decahydroclosodecarboate
- tetradecahydroarchanoborate

24. The compounds of Carbon, boron and hydrogen in which carbon and boron atoms occupy the vertices of a triangular polyhedron is called as _____

Mark only one oval.

- Boranes
- Carboranes
- Boron hydrides
- Diboranes

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M.Sc I Sem-II Internal Exam-2021-22

CP138B

Date & time : 10th Aug, 2021 12.00 pm

Instructions:

- 1) Each question carries ONE mark
- 2) All questions are compulsory
- 3) Carefully solve the entire question paper and then only submit.

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* Indicates required question

Name of student *

Your answer

Seat No. *

Your answer

PRN No.

Your answer

1. Carbonyl group protection can be carried out by formation of _____.

- a) Acetals
- b) Oxime
- c) Cyclic acetals
- d) All of these

2. _____ is commonly used for protection for alcohol.

- a) Acetone
- b) Benzophenone
- c) t-butyl ether
- d) acetic acid

3. A condensation reaction in which an enol or an enolate ion reacts with a carbonyl compound to form a β -hydroxyaldehyde or β -hydroxyketone is called as _____.

- a) Dieckmann condensation
- b) Stobbe condensation
- c) Aldol condensation
- d) Claisen condensation

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M.Sc I Sem-II Internal Exam-2021-22

10/7/23, 11:43 AM

M.Sc I Sem-II Internal Exam-2021-22

4. Benzoyl Chloride reacts with sodium borohydride to form _____ 1 point

- a) Benzoic acid
- b) Benzamide
- c) Benzyl alcohol
- d) Aniline

5. Which of the following reactions shows cationic [1,2]-sigmatropic rearrangement? 1 point

- a) Beckmann rearrangement
- b) Pinacol-pinacolone rearrangement
- c) Wagner-Meerwein rearrangement
- d) All of these

6. The Simmons-Smith reaction is an organic chelotropic reaction involving an organozinc carbenoid that reacts with an alkene (or alkyne) to form a _____ 1 point

- a) Cyclobutane
- b) Cyclopentane
- c) Cyclopropane
- d) None of these

7. The Payne rearrangement reaction involves _____ 1 point

- a) Epoxide opening
- b) Cyclopropane synthesis
- c) Epoxide formation
- d) Ring formation

8. The nucleophilic addition of a carbanion or another nucleophile to an α,β -unsaturated carbonyl compound containing an electron withdrawing group is called as _____ 1 point

- a) Nucleophilic reaction
- b) Michael Reaction
- c) Substitution reaction
- d) None of these

9. Hydrogenation reaction is a reaction which involves _____ 1 point

- a) Removal of H₂
- b) Addition of H₂ to alkene
- c) Oxidation of Hydrogen
- d) None of these



10. Conversion of carbonyl group to methylene group in presence of hydrazine is the reaction

1 point

- a) Wolff-Kishner reduction
- b) None of these
- c) Clemensen reduction
- d) Birch reduction

11. NaNH_2 reagent is used in _____.

1 point

- a) Perkin reaction
- b) Chichibabin reaction
- c) Hoffman reaction
- d) Beckmann reaction

12. formylation of phenol in presence of chloroform is called as _____.

1 point

- a) Vilsmeier reaction
- b) Pyne reaction
- c) Reimer-Tiemann reaction
- d) Chichibabin reaction

13. LAH reagent is used for_____.

- a) Oxidation
- b) Reduction
- c) Nitration
- d) Sulphonation

14. NaBH_4 is which type of reagent?

- a) Reducing reagent
- b) Condensation reagent
- c) Oxidising reagent
- d) None of these

15. The _____ is an organic reaction in which two ketone or aldehyde groups are coupled to form an alkene using a titanium chloride compound

- a) McMurry reaction
- b) Robinson annelation
- c) Mannich reaction
- d) Coupling reaction

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M.Sc I Sem-II Internal Exam-2021-22

16. _____ is the example of active methylene compound.

1 point

- a) EAA
- b) PCC
- c) EDTA
- d) DCC

17. _____ example of reducing agent.

1 point

- a) Na/alcohol
- b) NBS
- c) O₃
- d) peracid

18. _____ reaction is an alkyl sulfoxide rearranges to an α -acyloxy-thioether in the presence of acetic anhydride.

1 point

- a) Pummerer rearrangement
- b) Payne rearrangement
- c) Beckmann rearrangement
- d) Hoffmann rearrangement



10/7/23, 11:43 AM

M.Sc I Sem-II Internal Exam-2021-22

19. carbamate is used for protection of _____

1 point

- a) carboxylic acid
- b) aldehyde
- c) ester
- d) amine

20. The isomerization, under basic conditions, of 2,3-epoxy alcohols to isomeric 2,3-epoxy alcohols with inversion of configuration is called as _____.

1 point

- a) Pummerer rearrangement
- b) Payne rearrangement
- c) Beckmann rearrangement
- d) Hoffmann rearrangement

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9. In TET, before titration began temperature difference between sample and titrant should not be differ more than..... degree celcius * 2 points

Mark only one oval.

- 0.3
- 0.2
- 0.4
- 0.5

10. What is role of Wheatstone bridge in TET instrument? * 2 points

Mark only one oval.

- To measure unknown tempt
- To measure unknown resistance
- To measure unknown resistance in the form of tempt
- None of these

11. Following is not the factor affect on TET * 2 points

Mark only one oval.

- Diff in tempt bet titrant and titrand
- Heat produced by thermistor itself
- Heat of solution when titrant mixed with analyte
- Rate of reaction

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M.Sc. I, Sem-I, Paper-VIII Feb. 2021

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Vivekanand College, Kolhapur (Autonomous)

PG Department of Chemistry

Internal Examination July/August 2021

Notice (For Students)

12th July 2021

All the students of M.Sc. I & II (Chemistry) are hereby informed that, Term-II internal examinations for respective semesters will be conducted online through the google form as per the timetable given below. Kindly attend the examination from your place on time. The google form link will be send on Google classroom before 5-10 mins of examination. There will be 20 MCQ questions for each paper.

Time-table

| Sr. No. | Class | Semester | Code & Name of Paper | Day & Date | Time |
|---------|---------------|----------|--|---|-------------------|
| 1 | M.Sc. Part-I | II | CP-1137B Inorganic Chemistry-II | Monday, 9 th August 2021 | 12:00 To 12:30 pm |
| 2 | | | CP-1138B Organic Chemistry-II | Tuesday, 10 th August 2021 | |
| 3 | | | CP-1139B Physical Chemistry-II | Wednesday, 11 th August 2021 | |
| 4 | | | CP-1140B Analytical Chemistry-II | Thursday, 12 th August 2021 | |
| 5 | M.Sc. Part-II | IV | CP-1149B Theoretical Organic Chemistry | Monday, 9 th August 2021 | 01:30 To 02:00 pm |
| 6 | | | CP-1150B Stereochemistry | Tuesday, 10 th August 2021 | |
| 7 | | | CP-1151B Chemistry of Natural Products | Wednesday, 11 th August 2021 | |
| 8 | | | CP-1152B Applied Organic Chemistry | Thursday, 12 th August 2021 | |



Shirke

Dr. Mrs. S. D. Shirke
Head of Department

Head
Dept. of Chemistry
Vivekanand College, Kolhapur

M.Sc.I, Sem-II Analytical Chemistry- August 2021

Paper: CP 1140B

All questions are compulsory.
Each question carries 1 Mark.

* Indicates required question

1. Email *

2. Name of the Student *

3. Roll No.

4. PRN Number

7. How many heaters are used in DTA?

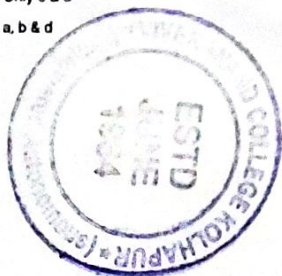
Mark only one oval.

- One
 Two
 Three
 Four

8. Which of the following are the instrumental factor effects on DTA curve? a) Furnace heating rate b) Furnace atmosphere
c) Particle size of sample d) Recorder

Mark only one oval.

- Only a & b
 Only a & d
 Only c & d
 a, b & d



Paper: 1140B

5. What is DTA stands for?

Mark only one oval.

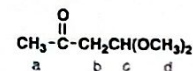
- Differential Scanning Calorimetry
 Differential Thermal Analysis
 Different thermal Analysis
 Derivative Thermal Analysis

6. The graph obtained in DTA is as..... a) Temperature difference Vs Temp b) Difference between sample temp & reference temp. Vs Time c) Delta T Vs Time

Mark only one oval.

- Only b & c
 a, b & c
 Only a & b
 Only a

9. Which of the protons from a to d in the following molecule gives a triplet signal in a normal ¹H NMR spectrum?



Mark only one oval.

- proton a
 Proton b
 Proton c
 Proton d

Untitled section

10. Signal splitting in NMR arises from.....

Mark only one oval.

- Interaction of spin of one proton with spin of another non equivalent proton
 Spin-spin Splitting
 Spin-spin coupling
 All of these

11. The amount of energy in radio frequency waves is sufficient to _____

Mark only one oval.

- Excite electron
- Vibrate nucleus
- Vibrate bonds
- To spin nuclei of atom

12. If the external magnetic field is applied, the splitting of signals calculated by _____.

Mark only one oval.

- $2n+1$
- $n+1$
- Both of the above
- $(n+1)^2$

13. In NMR spectroscopy, if _____ the (+) Inductive effect, greater is the _____ of proton

Mark only one oval.

- Deshielding
- Shielding
- Upfield shift
- Higher the delta value
- Other: _____

14. The integration of peak in NMR spectrum gives the value of _____

Mark only one oval.

- Relative Number of proton
- Relative number of equivalent protons
- Both of the above
- Absolute number of proton

Untitled section

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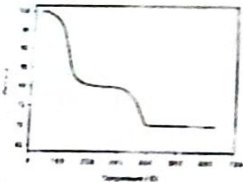
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M.Sc.I, Sem-II Analytical Chemistry-August 2021

15. The given below TG curve shows _____ types of compounds may have lost during heating.



Mark only one oval.

- 3
- 1
- 2
- 4

16. Which parameter is measured in Derivative thermogravimetry?

Mark only one oval.

- dm/dt
- dT
- dH/dT
- Temperature

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M.Sc.I, Sem-II Analytical Chemistry-August 2021

17. The sample is heated to constant weight at each step in a series of increasing temperature is called as _____

Mark only one oval.

- Isothermal TG
- Dynamic TG
- Static TG
- Quasistatic TG

18. If there are no plateaus found in the TG curve, then it indicates _____

Mark only one oval.

- No heating to the sample
- No change of heating on the sample
- Continuous decomposition of the sample
- Sample is very stable



19. In DTA, if Platinum sample holder is used then we found _____ curves

Mark only one oval.

- Sharp exothermic & Flat endothermic
- Flat exothermic & Flat endothermic
- Flat exothermic & Sharp endothermic
- Sharp exothermic & Sharp endothermic

Untitled section

20. When sample is taken in Silica crucible and heated to record differential thermal curve, it gives _____

Mark only one oval.

- Flat exothermic & Flat endothermic
- Flat exothermic & Sharp endothermic
- Sharp exothermic & Flat endothermic
- Sharp exothermic & Sharp endothermic

21. when compact sample heated to obtain TG curve, then it undergoes decomposition at _____ than average temperature.

Mark only one oval

- Lower
- Higher
- No effect of compactness of sample
- None of these

22. The energy in the ultra violet radiation is sufficient to make _____ transitions.

Mark only one oval.

- Electronic
- Vibrational
- Rotational
- All of these

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9/12

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M.Sc.I, Sem-II Analytical Chemistry-August 2021

23. An analytical technique to study the electronic structure of atoms or molecules is called as _____

Mark only one oval.

- Electromagnetic Spectroscopy
- Electron Spectroscopy
- Rotational Spectroscopy
- Ultra-violet Spectroscopy

24. The height of tip point of crest and tip point of trough of any wave from its equilibrium position divided by 2 is called as _____

Mark only one oval.

- Wavenumber
- Wavelength
- Amplitude
- Frequency

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M.Sc.I, Sem-II Analytical Chemistry-August 2021

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M.Sc I Sem-II Internal Exam-2021-22

CP138B

Date & time : 10th Aug, 2021 12:00 pm

Instructions:

- 1) Each question carries ONE mark
- 2) All questions are compulsory
- 3) Carefully solve the entire question paper and then only submit.

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~ Indicates required question

Name of student *

Your answer

Seat No. *

Your answer

3. A condensation reaction in which an enol or an enolate ion reacts with a carbonyl compound to form a β -hydroxyaldehyde or β -hydroxyketone is called as—

- a) Dieckmann condensation
- b) Stobbe condensation
- c) Aldol condensation
- d) Claisen condensation

4. Benzoyl Chloride is react with sodium borohydride to form _____

- a) Benzoic acid
- b) Benzamide
- c) Benzyl alcohol
- d) Aniline

PRN N

tion

Your answer

1. Carbonyl group protection can be carried out by formation of _____.

- a) Acetals
- b) Oxime
- c) Cyclic acetals
- d) All of these

2. _____ is commonly used for protection for alcohol.

- a) Acetone
- b) Benzophenone
- c) t-butyl ether
- d) acetic acid

5. Which of the following reaction shows cationic [1,2]-sigmatropic rearrangement?

- a) Beckmann rearrangement
- b) Pinacol-pinacolone rearrangement
- c) Wagner-Meerwein rearrangement
- d) All of these

6. The Simmons-Smith reaction is an organic cheletropic reaction involving an organozinc carbenoid that reacts with an alkene (or alkyne) to form a _____

- a) Cyclobutane
- b) Cyclopentane
- c) Cyclopropane
- d) None of these



7. The Payne rearrangement reaction involves _____.

- a) Epoxide opening
- b) Cyclopropane synthesis
- c) Epoxide formation
- d) Ring formation

8. The nucleophilic addition of a carbanion or another nucleophile to an α,β -unsaturated carbonyl compound containing an electron withdrawing group is called as _____.

- a) Nucleophilic reaction
- b) Michael Reaction
- c) Substitution reaction
- d) None of these

9. Hydrogenation reaction is a reaction which involves _____.

- a) Removal of H_2
- b) Addition of H_2 to alkene
- a) Oxidation of Hydrogen
- b) None of these

10. Conversion of carbonyl group to methylene group in presence of hydrazine is the reaction _____.

- a) Wolff-Kishner reduction
- b) None of these
- c) Clemensen reduction
- d) Birch reduction

11. $NaNH_2$ reagent is used in _____.

- a) Perkin reaction
- b) Chichibabin reaction
- c) Hoffman reaction
- d) Beckmann reaction

12. Formylation of phenol in presence of chloroform is called as _____.

- a) VEDRIEYER neck reaction
- b) Pyne reaction
- c) Reimer-Tiemann reaction
- d) Chichibabin reaction

13. LAH reagent is used for _____.

- a) Oxidation
- b) Reduction
- c) Nitration
- d) Sulphonation

14. $NaBH_4$ is which type of reagent?

- a) Reducing reagent
- b) Condensation reagent
- c) Oxidising reagent
- d) None of these



15. The _____ is an organic reaction in which two ketone or aldehyde groups are coupled to form an alkene using a titanium chloride compound

- a) McMurry reaction
- b) Robinson annelation
- c) Mannich reaction
- d) Coupling reaction

16. _____ is the example of active methylene compound.

- a) EAA
- b) PCC
- c) EDTA
- d) DCC

17. _____ example of reducing agent.

- a) Na/alcohol
- b) NBS
- c) O₃
- d) peracid

18. _____ reaction is an alkyl sulfoxide rearranges to an α -acyloxythioether in the presence of acetic anhydride.

- a) Pummerer rearrangement
- b) Payne rearrangement
- c) Beckmann rearrangement
- d) Hoffmann rearrangement

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M.Sc I Sem-II Internal Exam-2021-22

19. carbamate is used for protection of _____

- a) carboxylic acid
- b) aldehyde
- c) ester
- d) amine

20. The isomerization, under basic conditions, of 2,3-epoxy alcohols to isomeric 2,3-epoxy alcohols with inversion of configuration is called as—

- a) Pummerer rearrangement
- b) Payne rearrangement
- c) Beckmann rearrangement
- d) Hoffmann rearrangement

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M.Sc I Sem-II Internal Exam-2021-22



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| 12-08-2021 12 12 pranavghatage2000@gmail.com | Feb-20 | Pranav Mohan Ghatage | 1012 | 1012 |
| 12-08-2021 12 25 pravinkumarpatil1999@gmail.com | Jun-20 | Patil pravinkumar prakash | 1030 | 1030 |
| 12-08-2021 12 28 aishawaryakadam2017@gmail.com | Nov-20 | Aishwarya Ramchandra Kadam | 1015 | 1015 |
| 12-08-2021 12 28 gayatrikamatkar17@gmail.com | 13 / 20 | Gayatri Vikas kamatkar | 1016 | 1016 |
| 12-08-2021 12 30 bhaktidesai2199@gmail.com | 14 / 20 | Bhakti Bhimrao Desai | 1008 | 1008 |
| 12-08-2021 12 30 gaikwadshivani538@gmail.com | Oct-20 | Shivani Atul Gaikwad | 1011 | 1011 |
| 12-08-2021 12 30 pranavghatage2000@gmail.com | Dec-20 | Pranav mohan ghatage | 1012 | 1012 |
| 12-08-2021 12 30 Nileshpatil6909@gmail.com | Dec-20 | Nilesh Anil Patil | 1029 | 1029 |
| 12-08-2021 12 30 mrunali2000salunkhe@gmail.com | Oct-20 | Mrunali pandit salunkhe | 1041 | 1041 |



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| 12-08-2021 12:31 | pratknayakawadi820@gmail.com | Sep-20 | Pratik Jaysing Nayakawadi | 1024 | 1024 |
| 12-08-2021 12:31 | sayalipatil11598@gmail.com | Nov-20 | Sayali Patil | 1033 | 1033 |
| 12-08-2021 12:31 | abhimore2407@gmail.com | Sep-20 | Abhijit Vitthal More | 1022 | 1022 |
| 12-08-2021 12:31 | rushikeshrananavare29@gmail.com | 13 / 20 | Rushikesh Anil rananavare | 1038 | 2017058510 |
| 12-08-2021 12:31 | madhukarp1542@gmail.com | Dec-20 | Phadake Madhukar Ananda | 1036 | 1036 |
| 12-08-2021 12:31 | Prasannshinde1414@gmail.com | Dec-20 | Prasann sunil shinde | 310 | 1043 |
| 12-08-2021 12:31 | savitavitthanna@gmail.com | Sep-20 | SAVITA RAVASAHEB VITTHANNA | 313 | 1045 |
| 12-08-2021 12:31 | chouguleyogini1997@gmail.com | Nov-20 | Yogini Ganapati Chougule | 1006 | |
| 12-08-2021 12:32 | patilrahul10997@gmaili.com | Aug-20 | Rahul bhauso patil | 1031 | 1031 |
| 12-08-2021 12:32 | telsangpratiksha@gmail.com | Oct-20 | Pratiksha Shivanand Telsang | 1044 | 1044 |



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| 12-08-2021 12:32 | surajpernole45@gmail.com | Sep-20 | Suraj arjun pernole | 1035 | 1035 |
| 12-08-2021 12:33 | aishpatila169@gmail.com | Oct-20 | Aishwarya Anil Patil | 1026 | 1026 |
| 12-08-2021 12:33 | pd5116178@gmail.com | Aug-20 | Prathamesh Pandurang Daware | 275 | 1007 |
| 12-08-2021 12:34 | sandy.mane0550@gmail.com | Nov-20 | SANDESH RAMCHANDRA MANE | 1021 | 2017040474 |
| 12-08-2021 12:34 | namup2537@gmail.com | 13 / 20 | Namrata yashwant patil | 1028 | 2016048780 |
| 12-08-2021 12:34 | akshaymote555@gmail.com | Sep-20 | Akshay Shamrao Mote | 290 | 1022 |
| 12-08-2021 12:34 | prajakta.adake@gmail.com | Oct-20 | Prajakta malhari adake | 1001 | 1001 |
| 12-08-2021 12:34 | avadhutbelanekar1999@gmail.com | Sep-20 | Avadhut krishna belanekar | 271 | 1003 |
| 12-08-2021 12:34 | simransequeira99@gmail.com | Sep-20 | Simran Babu Sequeira | 1042 | 1042 |
| 12-08-2021 12:34 | aishrangnekar5784@gmail.com | Oct-20 | Aishwarya Vinayak Rangnekar | 1039 | 306 |



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| 12-08-2021 12:35 | sonalibabar012@gmail.com | 14 / 20 | Sonali Sanjay Babar. | 1002 | 2830850 |
| 12-08-2021 12:36 | digvijayjagtap67@gmail.com | Sep-20 | Digvijay Shivajirao Jagtap | 1013 | 2016020080 |
| 12-08-2021 12:36 | sharvarispatil5@gmail.com | Nov-20 | Patil sharvari sanjay | 1034 | 1034 |
| 12-08-2021 12:36 | sourabhbhaskar0190@gmail.com | Nov-20 | Sourabh Ashok Bhaskar | 273 | 1005 |
| 12-08-2021 12:36 | nikitasalokhe1305@gmail.com | Aug-20 | Nikita kishor salokhe | 307 | 1040 |
| 12-08-2021 12:36 | tanvikapilkadam@gmail.com | Aug-20 | Tanvi Kadam | 282 | |
| 12-08-2021 12:36 | krishnatgaikwad244@gmail.com | Aug-20 | Krishnat Baliram Gaikwad | 278 | 1010 |
| 12-08-2021 12:37 | pradnyakamble2009@gmail.com | Nov-20 | Pradnya Prakash Kamble | 285 | 1017 |
| 12-08-2021 12:39 | Vaibhavbh99@gmail.com | Oct-20 | Vaibhav Shripal Bhagwat | 1004 | 2017036476 |
| 12-08-2021 12:39 | Sadhana21vadar@gmail.com | Dec-20 | Sadhana namdev vadar | 312 | 1045 |



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| 12-08-2021 12:39 | varshapotdar007@gmail.com | 13 / 20 | Varsha surykant potdar | 1037 | 1037 |
| 12-08-2021 12:40 | rutuja29p@gmail.com | Dec-20 | Rutuja Ashok Patil | 1032 | 1032 |
| 12-08-2021 12:40 | rutujakarade22@gmail.com | Dec-20 | Rutuja sudhakar karade | 286 | 1018 |
| 12-08-2021 12:50 | roshanidhere9999@gmail.com | Nov-20 | Dhere Roshani Rajaram | 1009 | 1009 |
| 09-09-2021 12:36 | shivanipachwadkar111@gmail.com | Oct-20 | Shivani dhananjay pachwadkar | 292 | 1025 |
| 09-09-2021 12:37 | shrutikakhachanale147@gmail.com | Oct-20 | Shrutika Vishnu Khachnale | 287 | 1019 |



Vivekanand College, Kolhapur (Autonomous)

Department of Chemistry

M.Sc I Sem I

Theory Internal Examination 2021-22

All the students of M.Sc I are hereby informed that their theory

Internal Examination of Sem I will be conducted in online manner from 21/01/2022 to 25/01/2022 .The details regarding the time table, syllabus will be uploaded later on.



Dr. Mrs S.D. Shirke

S.D. Shirke

Head of Department

Head

Dept. of Chemistry

Vivekanand College, Kolhapur