

# BOARD QUESTION PAPER: MARCH 2022

## CHEMISTRY

Time: 3 Hrs

Max. Marks: 70

### General Instructions:

The question paper is divided into four sections.

- (1) **Section A:** Q. No. 1 contains Ten multiple choice type of questions carrying One mark each.  
Q. No. 2 contains Eight very short answer type of questions carrying One mark each.
- (2) **Section B:** Q. No. 3 to Q. No. 14 are Twelve short answer type of questions carrying Two marks each. (Attempt any Eight).
- (3) **Section C:** Q. No. 15 to Q. No. 26 are Twelve short answer type of questions carrying Three marks each. (Attempt any Eight).
- (4) **Section D:** Q. No. 27 to Q. No. 31 are Five long answer type of questions carrying Four marks each. (Attempt any Three).
- (5) Use of log table is allowed. Use of calculator is not allowed.
- (6) Figures to the right indicate full marks.
- (7) For each multiple choice type of question, it is mandatory to write the correct answer along with its alphabet, e.g. (a)...../(b)...../(c)...../(d)..... etc.

No marks(s) shall be given, if ONLY the correct answer or the alphabet of the correct answer is written. Only the first attempt will be considered for evaluation.

### SECTION – A

Q.1. Select and write the correct answer for the following multiple choice type of questions:

[10]

- (i) The co-ordination number of atoms in body centred cubic structure (bcc) is \_\_\_\_\_.  
(a) 4                      (b) 6                      (c) 8                      (d) 12
- (ii) In calculating osmotic pressure, the concentration of solute is expressed in \_\_\_\_\_.  
(a) molarity                      (b) molality  
(c) mole fraction                      (d) percentage mass
- (iii) The enthalpy change for the chemical reaction  $\text{H}_2\text{O}_{(s)} \longrightarrow \text{H}_2\text{O}_{(g)}$  is called enthalpy of \_\_\_\_\_.  
(a) vapourisation                      (b) fusion  
(c) combustion                      (d) sublimation
- (iv) Which of the following transition element shows maximum oxidation state?  
(a) Sc                      (b) Fe                      (c) Mn                      (d) V
- (v) The correct formula for the complex compound, sodium hexacyanoferrate (III) is \_\_\_\_\_.  
(a)  $\text{Na} [\text{Fe}(\text{CN})_6]$                       (b)  $\text{Na}_2 [\text{Fe}(\text{CN})_6]$   
(c)  $\text{Na}_3 [\text{Fe}(\text{CN})_6]$                       (d)  $\text{Na}_4 [\text{Fe}(\text{CN})_6]$

# Maharashtra Hsc Board Exam 20biology Question Paper

**Oswaal Editorial Board**



## **Maharashtra Hsc Board Exam 20biology Question Paper:**

**H.S.C Sample Papers Science Stream for 2022 Exam (Maharashtra Board) : New Pattern Questions - Hindi, Eng, Marathi, Maths & Stats, Physics, Chem, Bio** Oswal - Gurukul,2021-08-25 H S C SAMPLE PAPERS Maharashtra Board for 2022 Exam Science Stream Handbook of 8 Subjects Activity Sheet Question Papers on New Pattern Oswaal NTA CUET (UG) Mock Test Sample Question Papers English, Physics, Chemistry, Biology & General Test (Set of 5 Books) (Entrance Exam Preparation Book 2024) Oswaal Editorial Board,2023-11-10 Description of the product 100% Exam Ready With 2023 CUET UG Exam Papers 2 Slots Fully Solved with Explanations Fill Learning Gaps With Revision Notes Chapter Analysis Crisp Recap with Smart Mind Maps Concept Videos Smart Shortcuts To Solve lengthy problems Final Boost With Tips Tricks to ACE CUET UG in 1st Attempt *Science Reporter* ,2005 **Uttar Pradesh Sub Inspector (UPSI) Exam | 1700+ Solved Questions (8 Mock Tests + 3 Previous Year Papers)** EduGorilla Prep Experts,2022-08-03 Best Selling Book in English Edition for Uttar Pradesh Sub Inspector UPSI Exam with objective type questions as per the latest syllabus given by the UPPRPB Compare your performance with other students using Smart Answer Sheets in EduGorilla s Uttar Pradesh Sub Inspector UPSI Exam Practice Kit Uttar Pradesh Sub Inspector UPSI Exam Preparation Kit comes with 11 Tests 8 Full length Mock Tests 3 Previous Year Papers with the best quality content Increase your chances of selection by 14X Uttar Pradesh Sub Inspector UPSI Exam Prep Kit comes with well structured and 100% detailed solutions for all the questions Clear exam with good grades using thoroughly Researched Content by experts Oswaal One For All Olympiad Previous Years' Solved Papers, Class-8 General Knowledge Book (For 2023 Exam) Oswaal Editorial Board,2023-05-01 Description of the Product Crisp Revision with Concept wise Revision Notes Mind Maps 100% Exam Readiness with Previous Years Questions 2011 2022 Valuable Exam Insights with 3 Levels of Questions Level 1 2 Achievers Concept Clarity with 500 Concepts 50 Concepts Videos Extensive Practice with Level 1 Level 2 Practice Papers **Oswaal SSC CGL (Combined Graduate Level) Tier-I 25 Previous Years Solved Papers | Year-wise 2016-2023 | For 2024 Exam** Oswaal Editorial Board,2024-01-23 Description of the product 100% Updated with 2023 Papers Fully Solved Extensive Practice with 2500 Previous Years Questions 2 Sample Papers Concept Clarity Learn Key Concepts through Detailed Explanations 100% Exam Readiness with Latest Five Years Trend Analysis 2019 2023 Valuable Exam Insights with Hints Short cuts Expert Tips to Crack SSC CGL Tier 1 Exam in the first attempt **HSC Exam Questions** Vaughan Brown,2008 HSC Biology Elizabeth E. Clements,1985 10 Sample Question Papers for CBSE Board Term 1 Class 12 Biology Career Point Kota,2021-11-17 Strictly as per the Term wise syllabus Sample Question Paper released on 2nd Sept 2021 Exam Targeted 10 Solved Papers All Types of MCQs Assertion reason Case based Answers with Explanations OMR Sheets after each Sample Question Paper Exam oriented important Questions for Board Exam **Career Point Kota Biology Subject CBSE Class 12 Term-2 (10 Sample Question Papers) for Board Exam 2022** Career Point Kota,2022-02-03 CP Publication 10 Sample Papers CBSE

Term 2 2021 22 is a valuable tool to understand the new pattern of the CBSE Term 2 examination The book consists of 10 Sample Questions Papers SQPs with a blueprint issued by CBSE in January 2022 followed by the latest CBSE 2021 22 Term 2 Sample Question Paper SQP thus making a complete set of 10 SQPs Furthermore new typologies of subjective question sets including VSA SA LA type questions are given in the book Hints and explanations are provided at the end of each SQP to reach the answer accurately We have observed that knowledge alone is not sufficient to achieve high marks One needs to learn the skills to translate knowledge into performance on examination day For this purpose we feel immense pleasure in introducing this 10 Sample Question Papers for CBSE Board Term 2 examination These papers have been designed keeping in mind the latest pattern of examination These question papers provide opportunity to student to practice in examination like environment by practicing 10 times before the actual examinations Practicing this paper improves student exam taking skills and scoring ability It also builds student s examination temperament Key features of the books are All papers are based on latest syllabus pattern marking scheme of CBSE Term 2 Solutions to all papers are given Latest CBSE Term 2 Sample Question Paper Based on Latest Competency Based Education CBE Students are advised to take all papers in examination like environment with full sincerity in prescribed time limit so that they get fully tuned for the examination environment and ensure very good performance in exams

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