

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) $\text{Na}_4 [\text{Fe}(\text{CN})_6]$

Hsc Board Paper

Rohit Kale



Hsc Board Paper:

Unveiling the Magic of Words: A Review of "**Hsc Board Paper**"

In a world defined by information and interconnectivity, the enchanting power of words has acquired unparalleled significance. Their power to kindle emotions, provoke contemplation, and ignite transformative change is actually awe-inspiring. Enter the realm of "**Hsc Board Paper**," a mesmerizing literary masterpiece penned with a distinguished author, guiding readers on a profound journey to unravel the secrets and potential hidden within every word. In this critique, we shall delve into the book's central themes, examine its distinctive writing style, and assess its profound effect on the souls of its readers.

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