

CBSE Sample Paper Class 12 Chemistry Set 1

Time allowed: 3 Hours

Max. Marks: 70

General Instructions:

- (a) All questions are compulsory
- (b) Section A: Q. no. 1 to 5 are very short questions and carry 1 mark each.
- (c) Section B: Q. no. 6 to 12 are short answer questions and carry 2 marks each.
- (d) Section C: Q. no. 13 to 24 are also short answer questions and carry 3 marks each.
- (e) Section D: Q. no. 25 to 27 are long answer questions and carry 5 marks each.
- (f) There is no overall choice. However an internal choice has been provided in two questions of one mark, two questions of two marks, four questions of three marks and all the three questions of five marks weightage. You have to attempt only one of the choices in such questions.
- (g) Use of log tables if necessary, use of calculators is not allowed.

Section-A (1 mark each)

Q1. What is the Normality of 1.5 M H_2SO_4 ?

OR

Why Al cannot be obtained by electrolysis of fused AlCl_3 ?

Q2. A reaction is found to be zero order. Will its molecularity be also zero.

Q3. Which out of Molarity or Molality varies with temperature?

OR

Define Adsorption.

Q4. Which method is used to concentrate the sulphide ores?

Q5. Name the elements of the 13th group and give general electronic configuration of their valence shells.

Section-B (2 marks each)

Q6. In a close packing of N spheres, how many (i) tetrahedral and (ii) octahedral sites are present?

OR

What is the role of salt-bridge in an electrochemical cell?

Q7. Mention any four factors affecting rate of a reaction.

OR

Describe the two uses of each of the following:

- (a) Copper sulphate (b) Silver nitrate
 - (i) For copper plating
 - (ii) As germicide and fungicide
- (b) Uses of Silver nitrate

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