

Chhattisgarh Board Class 12 2026 Chemistry Question Paper

1. Which of the following is a colligative property?

- (a) Osmotic pressure
 - (b) Vapour pressure
 - (c) Boiling point
 - (d) All of the above
-

2. The unit of specific conductivity is:

- (a) ohm^{-1}
 - (b) $\text{ohm}^{-1} \text{ cm}^{-1}$
 - (c) ohm cm
 - (d) ohm cm^{-1}
-

3. The correct form of the Arrhenius equation is:

- (a) $k = e^{-E_a/RT}$
 - (b) $k = \frac{E_a}{RT}$
 - (c) $k = \log_e \frac{E_a}{R}$
 - (d) $k = Ae^{-E_a/RT}$
-

4. Chromium belongs to which block?

- (a) s-block
 - (b) p-block
 - (c) d-block
 - (d) f-block
-

5. The oxidation number of nickel in $[\text{Ni}(\text{CO})_4]$ will be:

- (a) 1
- (b) 0

- (c) 2
 - (d) 3
-

6. Ethylidene dichloride is a:

- (a) vic-dihalide
 - (b) gem-dihalide
 - (c) allylic dihalide
 - (d) vinylic halide
-

7. Which is used for poisoning the alcohol?

- (a) Methyl alcohol
 - (b) Ethyl alcohol
 - (c) Glycerine
 - (d) Acetic acid
-

8. IUPAC name of CH_3COOH is:

- (a) Ethanol
 - (b) Ethanoic acid
 - (c) Ethanal
 - (d) Ethane
-

9. Hinsberg reagent is:

- (a) $\text{C}_6\text{H}_5\text{SO}_2\text{Cl}$
 - (b) $\text{C}_6\text{H}_5\text{N}_2\text{Cl}$
 - (c) $\text{C}_6\text{H}_5\text{NO}$
 - (d) $\text{C}_6\text{H}_5\text{SO}_3\text{H}$
-

10. The value of temperature coefficient is usually between:

- (a) 1 to 4
 - (b) 2 to 3
 - (c) 1 to 3
 - (d) 2 to 4
-