

# ICSE Class 10 Chemistry – Mock Paper 2026 (Easy)

\*\*Time:\*\* 2 Hours | \*\*Marks:\*\* 80

## Section I (40) – Attempt all

### Q1. MCQ (10)

1. Symbol of sodium: (a) S (b) Na (c) So (d) N
2. Formula of water: (a) H<sub>2</sub>O (b) HO<sub>2</sub> (c) H<sub>2</sub>O<sub>2</sub> (d) OH<sub>2</sub>
3. Acid in vinegar: (a) HCl (b) CH<sub>3</sub>COOH (c) H<sub>2</sub>SO<sub>4</sub> (d) HNO<sub>3</sub>
4. Blue litmus in acid turns: (a) Red (b) Blue (c) Green (d) Colorless
5. Gas for photosynthesis: (a) O<sub>2</sub> (b) N<sub>2</sub> (c) CO<sub>2</sub> (d) H<sub>2</sub>
6. Common salt formula: (a) NaCl (b) KCl (c) CaCl<sub>2</sub> (d) Na<sub>2</sub>CO<sub>3</sub>
7. Rusting requires: (a) Only air (b) Only water (c) Air and water (d) Sunlight
8. pH of neutral water: (a) 1 (b) 5 (c) 7 (d) 10
9. Non-metal among these: (a) Fe (b) Cu (c) S (d) Zn
10. Bond in methane: (a) Ionic (b) Covalent (c) Metallic (d) Hydrogen

### Q2. Fill blanks (5)

1. HCl is a \_\_\_\_\_ acid.
2. NaOH is a \_\_\_\_\_.
3. H<sub>2</sub> + O<sub>2</sub> → \_\_\_\_\_.
4. Bauxite is ore of \_\_\_\_\_.
5. CH<sub>4</sub> is called \_\_\_\_\_.

### Q3. True/False (5)

1. Metals are generally good conductors.
2. Acids turn red litmus blue.
3. Distilled water is pure water.
4. Graphite conducts electricity.
5. All metals are soft.

### Q4. Very short answers (20)

1. Define atom. (2)
2. Define molecule. (2)
3. Write formula of sodium carbonate. (2)
4. Name two indicators. (2)
5. Differentiate acid and base (any 2 points). (4)
6. Write balanced equation: Zn + HCl → \_\_\_\_\_ (4)
7. Give two uses of oxygen. (4)

## Section II (40) – Attempt any four

### Q5 (10)

Acids, bases and salts: definitions, examples, uses.

### Q6 (10)

Metals and non-metals: properties and reactions.

### Q7 (10)

Chemical reactions: combination, decomposition, displacement.

### Q8 (10)

Water: hard/soft water, purification methods.

### Q9 (10)

Organic basics: methane, ethanol, ethanoic acid (names, formula, uses).

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## Quick Key (Objective)

Q1: 1-b,2-a,3-b,4-a,5-c,6-a,7-c,8-c,9-c,10-b

