

CHAPTER-8 | Nature of Matter: Elements, Compounds,
and MixturesQUIZ
PART-07

1. Oxygen is used in:

- A. Cooking
- B. Respiration
- C. Decoration
- D. Soil (B)

Explanation: Oxygen is essential for breathing.

2. Nitrogen is used in:

- A. Filling tyres
- B. Burning
- C. Pollination
- D. Cooking (A)

Explanation: Nitrogen prevents oxidation.

3. Gold is used in jewellery because it is:

- A. Reactive
- B. Shiny & non-corrosive
- C. Cheap
- D. Magnetic (B)

Explanation: Gold does not corrode easily.

4. Steel is an example of:

- A. Element
- B. Compound
- C. Alloy
- D. Gas (C)

Explanation: Steel is alloy of iron.

5. Water is important for:

- A. Combustion
- B. Photosynthesis
- C. Life
- D. Pollution (C)

Explanation: Water is essential for life.

6. Carbon dioxide is used in:

- A. Fire extinguishers
- B. Cooking
- C. Jewellery
- D. Fertiliser (A)

Explanation: CO₂ helps extinguish fire.

7. Alloys are used because they are:

- A. Weaker
- B. Stronger
- C. Softer
- D. Lighter always (B)

Explanation: Alloys improve strength.

8. LPG is mixture of:

- A. Nitrogen
- B. Propane and Butane
- C. Oxygen
- D. Hydrogen (B)

Explanation: LPG is fuel mixture.

9. Medicines are mostly:

- A. Elements
- B. Compounds
- C. Alloys
- D. Mixtures only (B)

Explanation: Medicines are chemical compounds.

10. Fertilisers provide plants with:

- A. Oxygen
- B. Nutrients
- C. Heat
- D. Water only (B)

Explanation: Fertilisers supply essential nutrients.