

CHAPTER-8 | A Journey through States of Water

QUIZ
PART-02

1. Water droplets on outside of cold glass form due to:

- A. Evaporation
- B. Freezing
- C. Condensation
- D. Melting (C)

Explanation: Vapour changes into liquid on cold surface.

2. Condensation is conversion of:

- A. Liquid to gas
- B. Gas to liquid
- C. Solid to gas
- D. Solid to liquid (B)

Explanation: Vapour becomes liquid.

3. Dew drops form due to:

- A. Freezing
- B. Heating
- C. Condensation
- D. Boiling (C)

Explanation: Water vapour condenses on cool plants.

4. Amount of water vapour in air is called:

- A. Rain
- B. Humidity
- C. Heat
- D. Fog (B)

Explanation: Humidity measures vapour content.

5. Ice is in:

- A. Liquid state
- B. Gaseous state
- C. Solid state
- D. Plasma (C)

Explanation: Ice has fixed shape.

6. Water has:

- A. Fixed shape
- B. No fixed volume
- C. Fixed volume
- D. No mass (C)

Explanation: Liquid water has fixed volume.

7. Water vapour is:

- A. Visible
- B. Invisible
- C. Solid
- D. Heavy (B)

Explanation: Vapour cannot be seen directly.

8. Gas spreads because particles:

- A. Move slowly
- B. Are fixed
- C. Move very fast
- D. Are heavy (C)

Explanation: Fast-moving particles spread quickly.

9. Smell spreads because it is in:

- A. Solid form
- B. Liquid form
- C. Gaseous form
- D. Powder form (C)

Explanation: Gas particles mix with air.

10. Ice does not flow because it has:

- A. No particles
- B. Fixed shape
- C. No temperature
- D. No volume (B)

Explanation: Solids retain shape.