

CHAPTER-8 | A Journey through States of Water

QUIZ
PART-01

1. Ice changes into water by:

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

Explanation: Ice melts to form water.

2. Ice and water are:

- A. Different substances
- B. Same substance in different states
- C. Different chemicals
- D. Mixtures (B)

Explanation: They are different states of water.

3. Water in puddles disappears mainly due to:

- A. Burning
- B. Seeping only
- C. Evaporation
- D. Freezing (C)

Explanation: Water changes into vapour and mixes with air.

4. Water vapour is:

- A. Visible smoke
- B. Invisible gas
- C. Solid
- D. Liquid (B)

Explanation: Water vapour itself is invisible.

5. Steam looks visible because of:

- A. Fire
- B. Dust
- C. Tiny water droplets
- D. Ice particles (C)

Explanation: Tiny droplets make steam visible.

6. Evaporation happens:

- A. Only at boiling point
- B. Only in winter
- C. Continuously
- D. Only in sunlight (C)

Explanation: Evaporation occurs at all temperatures.

7. Evaporation can occur at:

- A. 100°C only
- B. 0°C only
- C. Room temperature
- D. -10°C only (C)

Explanation: It occurs even at room temperature.

8. Wet clothes dry due to:

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

Explanation: Water changes into vapour.

9. Water disappearing from steel plate shows it:

- A. Seeped
- B. Changed its form
- C. Burned
- D. Froze (B)

Explanation: It changes into water vapour.

10. Water flows but ice does not because they are:

- A. Same state
- B. Different states
- C. Different colours
- D. Different chemicals (B)

Explanation: Liquid and solid behave differently.