

## CHAPTER-1 | Matter in Our Surroundings

QUIZ  
PART-03

1. Water exists in:

- A. 1 state
- B. 2 states
- C. 3 states
- D. 4 states (C)

*Explanation:* Ice, liquid, vapour.

2. On heating, particles:

- A. Slow down
- B. Speed up
- C. Stop
- D. Freeze (B)

*Explanation:* Kinetic energy increases.

3. Solid → liquid is called:

- A. Boiling
- B. Melting
- C. Freezing
- D. Sublimation (B)

*Explanation:* Solid changes to liquid.

4. Melting point of ice:

- A. 0 K
- B. 100 K
- C. 273 K
- D. 373 K (C)

*Explanation:* Standard melting point.

5. During melting, temperature:

- A. Increases
- B. Decreases
- C. Constant
- D. Zero (C)

*Explanation:* Heat used in state change.

6. Hidden heat is called:

- A. Thermal
- B. Latent
- C. Solar
- D. Chemical (B)

*Explanation:* No temp rise.

7. Boiling point of water:

- A. 273 K
- B. 300 K
- C. 373 K
- D. 473 K (C)

*Explanation:* Standard boiling point.

8. Liquid → gas is:

- A. Fusion
- B. Vaporisation
- C. Condensation
- D. Sublimation (B)

*Explanation:* Liquid becomes gas.

9. Solid → gas directly:

- A. Fusion
- B. Sublimation
- C. Boiling
- D. Freezing (B)

*Explanation:* Direct change.

10. Example of sublimation:

- A. Ice
- B. Water
- C. Naphthalene
- D. Salt (C)

*Explanation:* Changes directly to gas.

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