

## CHAPTER-7 | Particulate Nature of Matter

QUIZ  
PART-03

1. Liquids have:

- A. Definite shape
- B. No definite shape
- C. No volume
- D. Fixed structure (B)

*Explanation:* Liquids take container shape.

2. Liquids have:

- A. No volume
- B. Definite volume
- C. Variable mass
- D. Zero density (B)

*Explanation:* Volume remains fixed.

3. Particles in liquids are:

- A. Tightly packed
- B. Moderately packed
- C. Very far apart
- D. Fixed (B)

*Explanation:* Less tightly packed than solids.

4. Liquids can:

- A. Vibrate only
- B. Flow
- C. Remain fixed
- D. Expand fully (B)

*Explanation:* Particles move within limits.

5. Boiling occurs when:

- A. Surface heats
- B. Liquid reaches boiling point
- C. Cooling
- D. Freezing (B)

*Explanation:* Boiling occurs at definite temperature.

6. Evaporation occurs:

- A. At boiling point only
- B. At all temperatures
- C. At 100°C only
- D. Only in sunlight (B)

*Explanation:* Evaporation happens at all temps.

7. Boiling is:

- A. Surface phenomenon
- B. Bulk phenomenon
- C. Slow process
- D. Cold process (B)

*Explanation:* Occurs throughout liquid.

8. Evaporation is:

- A. Quick
- B. Surface phenomenon
- C. Bulk
- D. Freezing (B)

*Explanation:* Happens only at surface.

9. On heating liquid, interparticle attraction:

- A. Increases
- B. Decreases
- C. No change
- D. Doubles (B)

*Explanation:* Heat reduces attraction.

10. Liquids are called fluids because they:

- A. Flow
- B. Freeze
- C. Melt
- D. Vibrate (A)

*Explanation:* Fluids can flow.