

CHAPTER-7 | Particulate Nature of Matter

QUIZ
PART-04

1. Gases have:

- A. Definite shape
- B. Definite volume
- C. Neither definite shape nor volume
- D. Fixed position (C)

Explanation: Gases expand freely.

2. Gas particles are:

- A. Closely packed
- B. Moderately packed
- C. Loosely packed
- D. Fixed (C)

Explanation: Large interparticle spaces.

3. Gas particles move:

- A. In fixed position
- B. In limited space
- C. Freely in all directions
- D. Slowly (C)

Explanation: Gases move freely.

4. Interparticle attraction in gases is:

- A. Strong
- B. Moderate
- C. Negligible
- D. Maximum (C)

Explanation: Very weak forces.

5. Gases are compressible because:

- A. No mass
- B. Large spaces
- C. Heavy
- D. Hot (B)

Explanation: Space can be reduced.

6. Gases and liquids are called:

- A. Solids
- B. Fluids (B)
- C. Compounds
- D. Elements

Explanation: Both can flow.

7. Smoke spreads because:

- A. Strong attraction
- B. Particle motion (B)
- C. No space
- D. Heat only

Explanation: Particles constantly move.

8. Gas particles on compression:

- A. Spread apart
- B. Come closer (B)
- C. Melt
- D. Freeze

Explanation: Pressure reduces space.

9. Iodine vapour spreads due to:

- A. Heat only
- B. Diffusion (B)
- C. Melting
- D. Solid state

Explanation: Diffusion occurs in gases.

10. Gas state has:

- A. Maximum spacing (A)
- B. Minimum spacing
- C. No space
- D. Equal spacing

Explanation: Gases have largest spaces.