

CHAPTER-7 | Particulate Nature of Matter

QUIZ
PART-02

1. Solids have:

- A. No shape
- B. Definite shape
- C. No volume
- D. Flow property (B)

Explanation: Solids retain fixed shape.

2. Particles in solids are:

- A. Far apart
- B. Loosely packed
- C. Tightly packed
- D. Free moving (C)

Explanation: Strong attractions hold particles close.

3. Solids have:

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

Explanation: Volume remains fixed.

4. Particles of solids can:

- A. Move freely
- B. Vibrate in fixed position
- C. Flow
- D. Expand freely (B)

Explanation: Movement restricted to vibrations.

5. Melting is change from:

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

Explanation: Solid changes into liquid.

6. Melting point is:

- A. Boiling temperature
- B. Freezing temperature
- C. Temperature where solid melts
- D. Room temperature (C)

Explanation: Minimum temp to melt solid.

7. Iron has high melting point because:

- A. Weak forces
- B. Strong forces
- C. Small size
- D. Colour (B)

Explanation: Strong interparticle attraction.

8. Ice melts at:

- A. 100°C
- B. 0°C
- C. 50°C
- D. -10°C (B)

Explanation: Melting point of ice is 0°C .

9. Urea melts at:

- A. 133°C
- B. 0°C
- C. 1538°C
- D. 100°C (A)

Explanation: Given in table.

10. Solids cannot flow because:

- A. No space
- B. Strong attraction
- C. No mass
- D. No energy (B)

Explanation: Strong forces restrict movement.