

## CHAPTER-1 | Matter in Our Surroundings

QUIZ  
PART-05

1. Which is matter?

- A. Love
- B. Thought
- C. Air
- D. Hate (C)

*Explanation:* Has mass & space.

2. Hot smell spreads faster due to:

- A. Mass
- B. K.E. (B)
- C. Shape
- D. Density

*Explanation:* Higher kinetic energy.

3. Diver moves in water due to:

- A. Strong force
- B. Weak force (B)
- C. No motion
- D. Fixed shape

*Explanation:* Weak attraction.

4. Hand moves in air because:

- A. Strong force
- B. Weak force (B)
- C. Fixed volume
- D. High density

*Explanation:* Very weak attraction.

5. Particles are:

- A. At rest
- B. Fixed
- C. Moving (C)
- D. Large

*Explanation:* Always in motion.

6. Lowest density:

- A. Iron
- B. Honey
- C. Air
- D. Chalk (C)

*Explanation:* Least dense.

7. Highly compressible:

- A. Solid
- B. Liquid
- C. Gas (C)
- D. Wood

*Explanation:* Max space.

8. Gas fills vessel due to:

- A. Shape
- B. K.E. (B)
- C. Mass
- D. Size

*Explanation:* High motion.

9. Gas pressure due to:

- A. Melting
- B. Shape
- C. Collision (C)
- D. Cooling

*Explanation:* Wall collisions.

10. Fixed volume, no shape:

- A. Solid
- B. Liquid (B)
- C. Gas
- D. Vapour

*Explanation:* Takes container shape.

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