

CHAPTER-2 | IS MATTER AROUND US PURE

QUIZ
PART-04

1. Pure substance has:

- A. Many particles
- B. One type
- C. Only liquids
- D. Only gases (B)

Explanation: Single type of particles.

2. Element is:

- A. Breakable chemically
- B. Not breakable chemically
- C. Mixture
- D. Compound (B)

Explanation: Cannot be broken further.

3. Element example:

- A. Water
- B. Sodium
- C. Salt
- D. Ammonia (B)

Explanation: Sodium is element.

4. Compound is:

- A. Physical mix
- B. Chemical combo
- C. Single element
- D. Gas only (B)

Explanation: Elements chemically combined.

5. Fixed composition:

- A. Mixture
- B. Compound
- C. Soil
- D. Solution (B)

Explanation: Fixed ratio.

6. Physical separation:

- A. Compound
- B. Mixture
- C. Element
- D. Metal (B)

Explanation: Easily separated.

7. Metal property:

- A. Poor conductor
- B. Malleable
- C. Non-sonorous
- D. Dull (B)

Explanation: Can be beaten.

8. Non-metal property:

- A. Ductile
- B. Malleable
- C. Sonorous
- D. Poor conductor (D)

Explanation: Weak conductor.

9. Silicon is:

- A. Metal
- B. Non-metal
- C. Metalloid
- D. Gas (C)

Explanation: Intermediate nature.

10. Chemical change:

- A. Freezing
- B. Mixing
- C. Rusting
- D. Breaking (C)

Explanation: New substance forms.

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