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**1. Name the particles which make up matter?**

- A. Non metals
- B. Metals
- C. Metalloids
- D. Atoms

Ans. D

**2. Particles of matter have following characteristics:**

- A. They constantly move
- B. They attract each other
- C. They are very small
- D. All of the above

Ans. D

**3. Which of the following is the property of Solid?**

- A. Can be compressed
- B. Have definite shape
- C. Have low density
- D. Intermolecular force is less

Ans. B

**4. For dryness why crystallisation is a better technique than evaporation?**

- A. Decomposition of solid takes place.
- B. Impurities get removed.
- C. Solid gets charged.
- D. All of the above

Ans. B

**5. By which apparatus a mixture of an immiscible liquid is separated?**

- A. Burner
- B. Beaker
- C. Distillation Flask
- D. Separating Funnel

Ans. D

**6. The process in which heat is required to convert a liquid into the vapour state is known as:**

- A. Evaporation
- B. Latent heat of Vaporisation
- C. Melting
- D. Condensation

Ans. B

**7. Which of the following is a property of diffusion?**

- A. Slowest in liquids
- B. Fastest in gases
- C. Based on motion of particles
- D. All of the above

Ans. D

**8. By which technique salt is obtained from sea-water?**

- A. Filtration
- B. Distillation
- C. Evaporation
- D. Chromatography

Ans. C

**9. Name a technique which is used for separating two or more dissolved solids which are present in a solution in very small quantities?**

- A. Distillation
- B. Centrifugation
- C. Crystallisation
- D. Chromatography

Ans. D

**10. Diffusion in liquids is an example of:**

- A. Smell of perfume
- B. Smell of food
- C. Spreading of ink in water
- D. Fragrance of incense stick

Ans. C