

**MATTER AROUND US**

7. Which of the following is not a solid? [ ]  
A) Ash      B) Chalk piece      C) wax      D) Diesel

8. Which of the following has particles in most irregular pattern? [ ]  
A) Salt      B) Stone      C) Ghee      D) Sponge

9. State in which particles are in systematic pattern is [ ]  
A) solid state      B) Liquid state      C) Gaseous state      D) All

10. Physical state of material used in LPG cylinder is [ ]  
A) solid state      B) Liquid state      C) Gaseous state      D) All

7. Read the following two sentences and choose the correct answer. [ ]

I. In Solids particles are very close to one another.  
II. The attraction force of between the particles in solids is weak.

A) I - right, II - wrong      B), I - wrong, II - right  
C) I and II are correct.      D) I and II are incorrect

8. Which of the following substance has weak attraction between the particles \_\_\_\_\_. [ ]  
A) salt      B) stone      C) ghee      D) sponge

9. During conversion of water to ice, forces of attraction between molecules ----- [ ]  
A) decreases      B) increases      C) does not change      D) cannot predict

10. The arrangement of particles highly irregular ----- [ ]  
A) solids      B) liquids      C) liquids      D) sponge

9. The substance that has neither definite volume nor definite shape \_\_\_\_\_. [ ]  
A) salt      B) milk      C) brick      D) water vapour

10. Which of the following has definite volume but not definite shape \_\_\_\_\_. [ ]  
A) oxygen      B) kerosene      C) carbon steel      D) carbon dioxide

11. Which of following substances has both shape and volume \_\_\_\_\_. [ ]  
A) Coconut oil      B) water      C) perfumes      D) sugar

12. Salt has \_\_\_\_\_. [ ]  
A) definite volume and definite shape      B) definite volume but not definite shape  
C) definite shape but not definite volume      D) neither definite volume nor definite shape

9. Soda, Soft drinks (coca-cola) etc. are the carbonated drinks and prepared mainly because of the ----- of carbon dioxide in water. [ ]  
A) Diffusion      B) Effusion      C) Cooling      D) Force

10. Which of the following examples would diffuse the fastest? [ ]  
A) Salt into water      B) milk into water      C) Sand into water      D) Perfume in room

11. Diffusion in liquids is slower than that in gases. This is because the particles in liquids move \_\_\_\_\_ as compared to the particles in gases. [ ]  
A) fast      B) slow      C) with same speed      D) none

12. Diffusion process is \_\_\_\_\_ proces. [ ]  
A) Natural      B) Artificial      C) Reversible      D) Chemical

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