



Class IX – Science (Matter in our surroundings)

1. Physical state of water at 250c, 00c and 1000c is respectively
 - (a) liquid, solid and gas
 - (b) solid, liquid and gas
 - (c) solid, gas and liquid
 - (d) gas, solid and liquid
2. Liquid to gas and gas to liquid changes are called:-
 - (a) Vaporization and condensation
 - (b) condensation and vaporization
 - (c) Sublimation and condensation
 - (d) condensation and sublimation
3. Which of the following have least inter atomic spacing?
 - (a) solid
 - (b) liquid
 - (c) gases
 - (d) plasma
4. When heat is being supplied to a solid, then what does the heat energy do to the particles of solid?
5. Why is it that on increasing the wind speed the rate of evaporation increases?
6. Why it is that to smell cold food, we have to go close but smell of hot food reaches us several meters away?
7. Define latent heat of vaporization and latent heat of fusion.
8. Differentiate between physical and chemical change?
9. Give an experiment to show that ammonium chloride undergoes sublimation.
10. Why should we wear cotton clothes in summer?