

SCIENCE (WORK SHEET)

CHAPTER -1

MATTER IN OUR SURROUNDINGS

1. Which has more force of attraction between the particles- Iron nail or Rubber band?
2. Kitchen salt (NaCl) when added to water, gets evenly distributed in it. Which characteristic of particles of matter is exhibited by this phenomenon?
3. Which are more energetic - Solids or liquids?
4. In which physical state, water exists at- (a) 100°C (b) 0°C ?
5. How will you demonstrate that water vapour is present in air?
6. Why gases are compressible but not liquids?
7. If the food is being cooked in the kitchen, name the process brings the smell to us.
8. After morning exercise, you feel cold. Explain.
9. Write the full forms of – (a) LPG (b) CNG.
10. Name the factors affecting evaporation.
11. Which gas is called Dry ice?
12. Change the following Celsius temperatures into Kelvin scale – (a) -273°C (b) -100°C (c) $+30^{\circ}\text{C}$.
13. Out of solids, liquids and gases, which one has-?
 - (a) Maximum movements of particles
 - (b) Maximum interparticle attraction
 - (c) Minimum space between particles.
14. Explain the following-
 - (a) Fusion (b) Latent heat (c) Latent heat of fusion and vaporisation.