

2. MATTER IN OUR SURROUNDINGS (IX)

1. State one important characteristic of matter which makes it a solid, a liquid or a gas? Explain.
2. Give reason-solids are incompressible. Sponge is a solid but it can be compressed.
3. Salt and sugar when kept in different jars take the shape of the jar, yet they are classified as solid. Give reason.
4. What is pressure? What is its unit? On what factors does the pressure of gas depend?
5. Liquids generally have lower density as compare to solids. But you must have observed that ice floats on water. Why?
6. How particles of matter are affected with increasing or reduce pressure on the matter at a given temperature.
7. Why clothes do no dry up easily during rainy season?
8. "Evaporation causes cooling". Explain the reason for this effect?
9. Why are we able to sip hot tea or milk faster from a saucer rather than a cup?
10. Convert the following temperature to Celsius scale
(a) 300k (b) 573k.
11. How do you differentiate between a gas and a vapour?