

THE MATTER IN OUR SURROUNDINGS

Q1: Assign reasons for the following:

- (a) Naphthalene balls disappear if kept in air for a few weeks
- (b) Wet clothes do not dry easily in a rainy day
- (c) Gases are highly compressible while solids are not.

Q2: Arrange in the order indicated for solid, liquid and gas.

- (a) Effect of pressure
- (b) Empty spaces in the particles
- (c) Tendency to flow
- (d) Thermal expansion

Q3: Butter is generally wrapped in wet clothes during summers when no refrigerator is available. Explain.

Q4: Kelvin scale is considered as a better scale than a Celsius scale. Why?

Q5: Explain with the help of an activity that a matter has a particulate nature.

Q6: How humidity related to evaporation?

Q7: Define temperature. Name the instrument used for measuring it & how its calibration done?

Q8: Explain the working of desert cooler.

Q9: What are the characteristics of the particles of matter?

Q10: Differentiate between boiling & evaporation. (4 points)