

ASSIGNMENT-1

CLASS-VII

CHEMISTRY

- 1) What are the five basic elements of which matter is made up of according to the ancient philosopher?
- 2) What do you understand by the term Matter? Give examples.
- 3) Write one point to differentiate an atom and a molecule.
- 4) Mention the characteristics of the particles of matter.
- 5) Differentiate between solid, liquids and gases.
- 6) Define Sublimation. Name any two materials that sublimes.
- 7) What do you mean by interconversion of the states of matter? Mention the factors that caused the interconversion.
- 8) What do you mean by Fluids? Give Examples
- 9) Give One Word for the following: -
 - a) The change of vapour into a liquid.
 - b) The change of solid directly into gases without undergoing into the liquid medium.
 - c) The substances that can flow.
- 10) Give Reason for the following: -
 - a) A teaspoon of sugar added to 100 ml of water does not increase its volume.
 - b) A sponge can be compressed though it is a solid.
- 11) Explain by an activity to show that the particles of matter have space in between them. Draw labelled diagram in support of your answer.
- 12) Show by an activity the particles of matter attract each other.

- 13) What do you mean by Mass? How does it differ from the weight of an object?
- 14) What do you mean by intermolecular force of attraction? How does it vary with reference to the solids and gases?
- 15) Expand LPG. Mention its use

