



## Assignment

### Matter

- 1) Define the Following.
  - a) Matter
  - b) Diffusion
  - c) Intermolecular force of attraction
- 2) What do you mean by Kinetic Theory of Matter?
- 3) Write the postulates of the Kinetic theory of matter.
- 4) What happens when: -
  - a) Water is kept in a deep freezer.
  - b) Water is heated.
- 5) What do you mean by Solid? Give some examples.
- 6) Explain the interconversion of the state of matter with examples.
- 7) What is Sublimation? Mention any two substances that sublimes.
- 8) Give Reason why: -
  - a) Liquids are called the fluids.
  - b) Solids have a definite shape
- 9) What are the characteristics of the particles of matter?
- 10) Explain by an activity that the particles of matter are small in size.
- 11) Explain Brownian Motion with an example.
- 12) Explain what changes will take place when few pieces of marbles are added to beaker containing water.

