



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

27, Ballygunge Circular Rd, Kolkata- 700019



Term: First

Sub: Science

Class: 4

Date: 27.04.20

Lesson: Matter-Solid, liquid and Gas

Topic: States of Matter

ANSWER WORKSHEET - VII

1. Fill in the blanks:-

- a) Matter is anything that has mass and occupies space.
- b) Particles are most closely packed in solids.
- c) Matter is composed of tiny particles called molecules.
- d) Air is a mixture of many gases.

2. Underline the correct answer given in bracket:-

- a) It can change its shape but has a definite volume- (Liquid, Gas)
- b) The amount of space that a substance occupies- (Matter, Volume)
- c) The molecules in gas are- (loosely packed, tightly packed)
- d) The quantity of matter contained in an object is called- (volume, Mass)

3. Match the column:-

- | | | |
|---------------------------------------|-----|----------------------------------|
| a) Solids have a | (c) | tiny particles called molecules. |
| b) Liquids change their shape | (d) | heating or cooling. |
| c) Matter is composed of | (a) | definite shape and volume. |
| d) The states of matter can change on | (b) | but have a definite volume. |

4. Complete the following:-

- a) Molecules in liquids are not as tightly packed as in solids.
- b) Adding more matter to an object increases its mass.
- c) Matter is anything that has mass and occupies space.
- d) Matter exists in nature as solids, liquids and gases.

5. Identify the states of matter:-

- a) Can occupy all the available space: **gas**
- b) Can flow: **liquid**
- c) Has fixed shape and size: **solid**

6. Draw the following diagram given in the bracket:- (Molecules in a solid, Molecules in a liquid and molecules in a gas)

