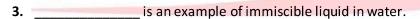
Chapter- 4

Solids, Liquids and Gases

WORKSHEET

- I. Choose the correct answer.
- 1. Liquid changing into gas on heating.
 - a. Evaporation
 - b. Condensation
 - c. Melting
 - d. Freezing
- 2. Chemical change example.
 - a. Cutting of paper
 - b. Boiling of water
 - c. Burning of paper
 - d. Melting of wax



- a. Kerosene
 - b. Petrol
 - c. Diesel
 - d. All of the above
- **4.** The state of matter that has a definite volume but no definite shape.

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- a. Solid
- **b.** Liquid
- c. Gas
- d. None of these
- **5.** Which of the following is a compound?
 - a. Water
 - **b.** Nitrogen
 - c. Hydrogen
 - d. Oxygen

II.	Fill	in	the	b	lan	ks.

1. In ______, molecules are very close to each other.

2. The process of change of solid into liquid on heating is called ______

3. _____ has no definite volume.

4. When two liquids mix with each other and appear as one liquid, then it is said to be miscible.

5. Sand is ______ in water.

III. Write true or false for the following statements.

- 1. Oil is soluble in water.
- 2. The process of change of liquid into solid on cooling is called evaporation.
- 3. Chemical changes are reversible.
- **4.** Heating or cooling brings changes in matter.
- 5. The arrangement of molecules is different in different states of matter.

IV. Give answer in one word.

- 1. The building blocks of matternanging your Tomorrow
- 2. Anything that occupies space and has weight.
- **3.** A temporary change which can be reversed.
- **4.** A permanent change in which a completely new substance is formed.
- **5.** The smallest unit of a substance that has all the properties of that substance.