

## Chapter 6: Solids, Liquids and Gases

### Worksheet 1

#### 1. Fill in the blanks.

- (i) Air contains \_\_\_\_\_ per cent nitrogen.
- (ii) Parachute moves with the help of \_\_\_\_\_.
- (iii) Ventilators in buildings are placed at \_\_\_\_\_ level.
- (iv) \_\_\_\_\_ winds carry moisture with them.
- (v) Settling down of insoluble matter in a liquid is called \_\_\_\_\_.

#### 2. Write T for true and F for false statement.

- (i) Wind turns the blades of a windmill.
- (ii) The winter monsoon blows from oceans to landmass.
- (iii) Sugar is a crystalline solid.
- (iv) Molecules of gases lie very close to each other.
- (v) Air has 20 per cent oxygen.

#### 3. Write the following matter at their proper place.

Oxygen, Sugar, Milk, Juice, Blue vitreol, Hydrogen

- (i) **Solids** : \_\_\_\_\_
- (ii) **Liquids** : \_\_\_\_\_
- (iii) **Gases** : \_\_\_\_\_

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### Worksheet 2

#### 1. Give one word for the following.

- (i) The changing of water into water vapour
- (ii) When wind blows with high speed in spiral form
- (iii) A wind which blows towards land from sea
- (iv) The monsoon which blows from oceans to landmass
- (v) A uniform mixture of a solid or a gas in a liquid

#### 2. Pick the substances soluble or insoluble in water and write them at their proper place.

Oil, Potash alum, Vinegar, Butter, Grease, Wood shavings, Soda water, Coffee

(i) Soluble substances : \_\_\_\_\_

(ii) Insoluble substances : \_\_\_\_\_

#### 3. Answer these questions.

- (i) By which process is common salt obtained from sea water?
- (ii) What is wind?
- (iii) What is monsoon breeze?
- (iv) What is filtration?
- (v) Which state of matter has a definite shape?