



Name : - _____

Std.:- IV - _____

Roll No :-

Worksheet - Term1-02

Date : -

Ch-9 Solids, Liquid and gases.

Q-1 Give reason

- 1) Solids are hard and rigid

- 2) The smell of the perfume spread quickly from one corner of the room to another.

- 3) Liquids change their shape according to the vessel in which they are poured.

- 4) The volume of the solution formed is less than the total volume of the solute and the solvent.

- 5) Milk can be Ford into any type of container.

- 6) Gases take up whole of the space available to them.

Q-2 Choose the correct option.

- 1) In a sugar solution _____ is the solute.

- a) sugar b)salt c) water

- 2) Which of the following has a fixed volume?

- a) stone b) smoke c) air

- 3) _____ have a fixed shape and a fixed volume.

- a) Solids b) liquids c) gases

- 4) Ice changes into water on_____.

- a) Heating b)cooling c) freezing

- 5) Changes of water vapour into liquid is called_____.

- a) Evaporation b) condensation c) freezing

- 6) Matter is made up of tiny particles called_____.

- [illegible]


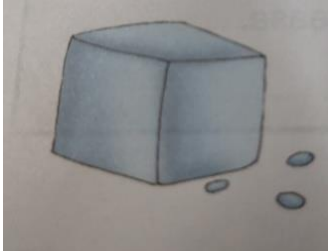

- 7) Substances which do not dissolve in a liquid are_____.

- [illegible]

Q-3 Fill in the blank.

- 1) A liquid changes into a solid on_____.
- 2) _____flow from higher level to a lower level.
- 3) _____substances are those that dissolve completely in water.
- 4) _____ takes the shape of of the vessel which contains them.
- 5) Things are different from each other because they are made of different_____.
- 6) A _____does not flow and can be held in hand.
- 7) The molecules in a _____ are very far from each other.
- 8) _____dissolves solid more quickly than cold water.

Q-4 Identify the following pictures and write their names

1) 	2) 	3) 

Q-5 Match the following.

(A)	(B)	Ans:
1. Salt	a. gas	1- _____
2. Salty water	b. solvent	2- _____
3. Solid	c. solution	3- _____
4. Steam	d. solute	4- _____
5. Water	e. loosely packed	5- _____
6. Liquid	f. wood	6- _____

Q-6 Read the following two statements and choose the correct option.

1. Statement 1-Anything that occupies space and has weight is called matter.

Statement 2-Matter is made up of tiny particles called molecules.

- | | |
|---|---|
| a. Both statement 1 and 2 are correct | b Statement 1 is correct but 2 is incorrect |
| c . Statement 1 is incorrect but statement 2 is correct | d. Both statement 1 and 2 are incorrect |

2. Statement 1-Solids have no fixed shape and volume.

Statement 2-Liquid have no fixed volume.

- | | |
|---|---|
| a. Both statement 1 and 2 are correct | b Statement 1 is correct but 2 is incorrect |
| c . Statement 1 is incorrect but statement 2 is correct | d. Both statement 1 and 2 are incorrect |

3. Statement 1-Matter can be changed from one state to another by heating or cooling.

Statement 2- A solution is formed when a solvent is dissolved in a solute.

- | | |
|---|---|
| a. Both statement 1 and 2 are correct | b Statement 1 is correct but 2 is incorrect |
| c . Statement 1 is incorrect but statement 2 is correct | d. Both statement 1 and 2 are incorrect |

Q-7 choose the correct option.

1. There are tiny pores called _____ on the underside of a leaf.
a. Stomata. b. Starch. c. Glucose
2. The process by which food is prepared in plants is called _____.
a. photosynthesis b. protection c. food chain
3. The main way of a leaf carries
a. chlorophyll. b. oxygen c. food
4. Air enters a plant through the stomata on its _____.
a. Leaves b. flowers c. stem
5. Which programme helps to save trees?
a. Van mahotsav b. project tiger. c. operation flood
6. _____ are opening on the underside of a leaf.
a. Stomata. b. Chlorophyll. c. oxygen
7. A plant takes in water from the soil and carbon dioxide from the _____.
a. Water. b. Air. c. Land
8. Photo means _____ and synthesis mean putting together.
a. Light. b. Dark. c. Hollow
9. The main vein is called _____.
a. Midrib. b. Cells. c. Apex
10. Animals and plants _____ on each other for survival.
a. Independent. b. Depend. c. Both

Q-8 Fill in the blanks.

1. Leaves are green because they have a green substance called _____.
2. The broad green part of the leaf is called the _____.
3. _____ are the only living things which make their own food.
4. Plants make their food in the form of _____.
5. A leaf is made up of thousands of _____.
6. Cells are closely packed together on the surface and loosely arranged in the _____.
7. The chlorophyll is present even in the _____ leaves, but it is hidden by a red colour substance.
8. _____ grow during rainy season and look like little umbrellas.
9. In _____ plant food is made in their soft green stems.
10. The _____ is burnt to get energy so that the plant can grow and produce flowers, fruits and more leaves.