

CW

8/7/2021

Ch-5

SOLIDS, LIQUIDS, GASES

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- Different processes

1. Melting: The process of change of ice into water on heating is called melting.

2. EVAPORATION: The process of change of water into water vapour on heating is called Evaporation.

C. Write short answers

(1) What is matter?

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

(2) What are molecules?

Ans - A molecule is the smallest unit of a substance that has all the properties of that substance.

(3) What are molecules made up of?

Ans - Molecules are made up of atoms.

(4) Name any 2 solids, 2 liquids and 2 gases that can dissolve in water.

Ans - 2 solids that can dissolve in water are sugar & salt.

- 2 liquids that can dissolve in water are lemon juice and vinegar.
- 2 gases that can dissolve in water are oxygen and nitrogen.

HW
1/9/20

Ch-5

Let us answer

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A. Tick (✓) the correct answer.

1) Which of the following is a physical change?

(a) Melting of butter

(b) Rusting of iron

(c) burning of paper

(d) Changing of wheat to bread

2) Milk turning sour is a:

(a) Physical change

(b) Reversible change

(c) Chemical change

(d) none of these

3.

Salt are soluble in water

(a) Sugar

(b) Sand

(c) Sand

(d) Kerosene

4. In ice the water molecules are/are

(a) stuck together

(b) move around freely

(c) Very close to each other

(d) Move very fast

5. The gas that bubbles out of an airtight aerated drink

is:

(a) nitrogen (b) oxygen (c) hydrogen (d) ~~carbon-~~ dioxide

B. Match ~~the~~ following each word with its description.

- | | |
|-----------------------|---------------------------------------|
| (1) Matter | (a) has a definite shape ; and volume |
| (2) Molecules | (b) no definite but definite volume |
| (3) Gases | (c) Sugar |
| (4) Miscible in water | (d) takes up space and has weight |
| (5) Solid | (e) attraction between molecules |
| (6) Liquid | (f) Smallest unit of a substance |