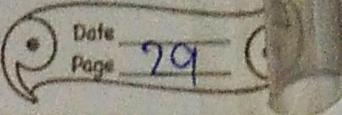


Let us answer



Ⓐ 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. \_\_\_\_\_ and salt are soluble in water.

- A → Sugar ✓
- B → Chalk
- C → Sand
- D → Kerosene

4. In ice, the water molecules are

- a. stuck together
- b. very close to each other.
- c. move around freely.
- d. move very fast.

✓

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

- a. Nitrogen
- b. oxygen
- c. hydrogen
- d. carbon dioxide

✓

- B) 1) Matter  $\rightarrow$  Anything that takes up space and has weight.
- 2) Molecule  $\rightarrow$  Smallest unit of a substance
- 3) Gas  $\rightarrow$  has <sup>no</sup> definite shape and no weight
- 4) Miscible is water  $\rightarrow$  sugar
- 5) Solid - has a definite shape and volume.

(Q)

Write short answers.

1) What is matter?

A → Matter is anything that occupies space and has weight.

2) What is molecules?

A → All matter can be split into tiny units that are not visible to the naked eye. These tiny units are called molecules.

3) What are molecules made up of?

A → The molecules ~~consist~~ are made up of Atoms.

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

A → Solids ⇒ Sugar, Salt.

Liquids ⇒ Honey, Milk.

Gases ⇒ Nitrogen, Oxygen.