

Let us answer

(A) 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

✓

- Ⓑ
- 1) Matter → Anything that takes up space and has weight.
 - 2) Molecule → Smallest unit of a substance
 - 3) Gas → has ^{no} definite shape and ^{no} weight
 - 4) Miscible is water → sugar
 - 5) Solid - has a definite shape and volume.

① Write short answers

1) What is matter?

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

2) What are molecules?

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

3) What are molecules made up of?

A → The molecules ~~made~~ are made up of atoms.

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

A → Solids ⇒ Sugar, Salt.
Liquids ⇒ Honey, Milk.
Gas ⇒ Nitrogen, Oxygen.