

How  
30.6.2021

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## Oral Question

Choose the correct answer.

1 → Solid / Liquids / Gases have a fixed shape and a fixed volume.

2 → Solid / Liquids / Gases take the shape of the container in which they are kept.

3 → Gases have a fixed shape / a fixed volume / no shape.

4 → Ice changes into liquid water on heating / cooling / crushing.

5 → Steam / Ice / Wax changes to liquid water on cooling.

A Tick the correct answer.

1 → This is a state state of matter.

a → solid b → sugar c → salt d → wax

2 → Which of the following is not solid?

a → sugar b → button c → ink d → rice

3 → Which of the following is soluble in water?

a → stone b → salt c → sand d → rice

4 → Which of the following has a fixed volume?

a → stone b → smoke c → air d → perfume

B Write T for true and F for false.

1 → The molecules of solid are held together very loosely.  F

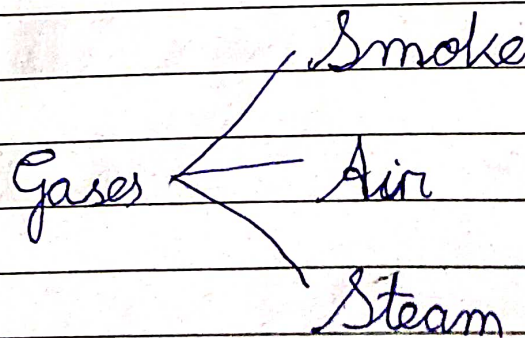
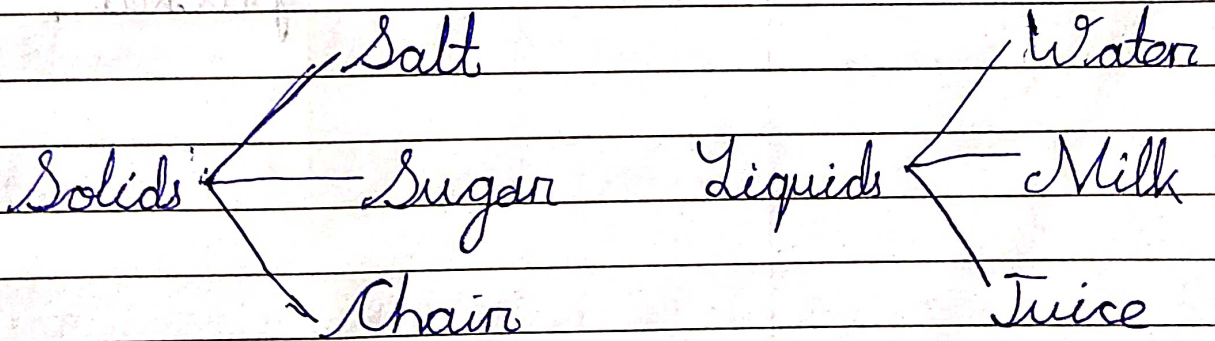
2 → Liquids do not have a fixed volume.  F

3 → Water changes into water vapour ~~when~~ when <sup>is</sup> it's frozen.

4 → In a water-sugar solution, water is the solute.

5 → Sugar is soluble in water.

C. Fill in the name of any three solids, liquids and gases in the empty boxes.



Q → How are solids, liquids and gases different from each other? Fill in the blanks table.

Solids	Liquids	Gases
1 → Solid has fixed shape and volume.	1 → Liquids does not have a fixed shape but have a fixed volume.	1 → A gas does not have fixed shape and volume.
2 → Molecules in solids are tightly packed.	2 → Molecules in liquid are loosely packed.	2 → Molecules in gases are very loosely packed.