

- ① When a state changes into another, why does its temperature remain constant?
- ② When some amount of salt is dissolved in water, there is no considerable change in the volume of the water. Which characteristic of matter is demonstrated by this observation?
- ③ With the help of a diagram, describe an activity to separate naphthalene and sodium chloride.
- ④ Among a liquid & a gas, which would exert more pressure & why?
- ⑤ Give reason:-
 - (i) Evaporation produces cooling.
 - (ii) Sponge though compressible is a solid.
- ⑥ Which cell organelles are called protein factories? Why they are called so?
- ⑦ A plant cell is placed in a hypotonic solution. What will happen? Will the cell burst? Why or why not?
- ⑧ Write the advantages & disadvantages of using fertilizers.
- ⑨ Why legume crop does not require nitrogenous fertilizer?
- ⑩ Smoke & fog both are aerosols. In what way are they different?

Creative Work :-

1. Make a flow chart of different steps involve in improvement in Food Resources (Plants).
2. Make a chart / model showing exosmosis, endosmosis, plasmolysis.
3. Make a chart showing the comparison between solid, liquid and gas (the three states of matter).

4. Make a chart showing the properties of solution, ~~of~~ colloid & suspension

- X -

Manisha.