



SACRED HEART SCHOOL

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ASSIGNMENT (2020– 2021)

Class - IX

Subject –CHEMISTRY

Assignment questions based upon online class

1. Name the process associated with the following: --

- (a) Dry ice is kept at room temperature and under one atmospheric pressure.
- (b) a drop of ink placed on the surface of water contained in a glass spreads throughout water.
- (c) A crystal of potassium permanganate is put in water contained in a beaker and stirred with a glass rod.
- (d) milk is churned to separate cream from it.
- (e) settling of sand when a mixture of sand and water is left undisturbed for some time.

2. In severe cold weather, a family burnt wood in the room during the night by keeping the windows close. After sometime, they felt suffocated. They immediately opened the window and got relief. What did actually happen?

3. 'Osmosis is a special kind of diffusion'. comment.

4. With the help of a labelled diagram describe an activity to show that particles of matter are very small.

5. When common salt is added to water, will there be any change in volume? Give reason.