

1a) Filtration:- In which solid particles in a liquid or gaseous fluid are removed by use of a filter medium.

b) Sublimation:- conversion of a substance from the solid to the gaseous state without its becoming liquid

c) Evaporation:- is a type of vaporization that occurs on the surface of a liquid as it change into gas phase

d) Crystallization:- The process by which a solid forms, where the atoms or molecules are highly organized into a structure known as crystal

2 We need pure substances because of a pure substance has a fixed melting and fixed boiling point