

15th September, 2021

Wednesday

Science Test.

Ans 1. It is the process of separating ~~from~~ ^{Emulsion} solid from ~~liquid~~ ^{to} ~~centrifugation~~ state by not come in 2 liquid phase as called centrifugation.

Ans 2. It can separated two ^{or more} immiscible ~~liquid~~ mixtures.

Ans 3. It is the process of separation of two miscible liquid. ~~from~~ ~~solid~~ liquid is heated ~~to~~ ^{to} ~~boiling~~ ^{boiling} and it can condensed where it is cooled into liquid.

Ans 4. chromatography.

Ans 5. ~~Fractional distillation~~ ^{Crystallisation} ~~Evaporation~~

Ans 6. Fractional distillation

Ans 7. sedimentation.

Ans 8. ~~separation of Air~~ Separation of Air.

Ans 10. crystallisation is the process of evaporation gives only the residue which may contain some impurities. In this ~~the~~ the ~~saturated~~ solution is taken in a china dish and evaporated over a water bath till the solution becomes saturated. In evaporation the liquid is evaporates and form in gaseous state. ~~the~~ Thus the ~~evaporation~~ crystallisation is more preferred over evaporation.

Ans 11. In fractional Distillation the components of mixtures are separate from ~~liquid to solid~~ solid to liquid. ~~In crystallisation the process of the saturated solution.~~
In distillation a liquid is heated to boiling and the water vapour was

~~come in~~ evaporates. ~~A flask~~ ~~is~~ which can store mixtures are a flask called Distillation flask. The side arm at neck are called Liebig condenser.

Ans 12. Burning of wood.

Ans 13. In this process the Air is made up of oxygen and Nitrogen. The Nitrogen boiling point is -196 . And Oxygen boiling point ~~is~~ -182 . The process was separation of Air caused by cooled the liquid & into its form.