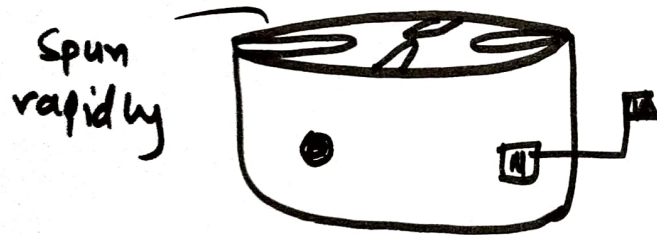
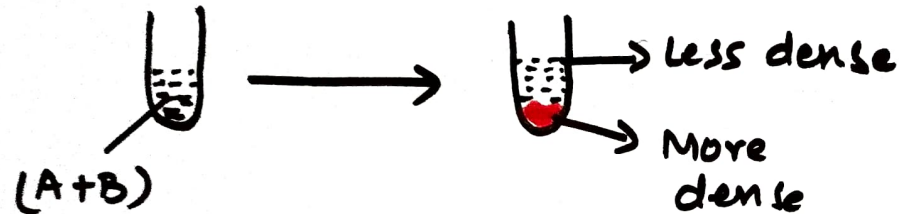


## (II) CREAM FROM MILK :-

→ CENTRIFUGATION

→ Density difference



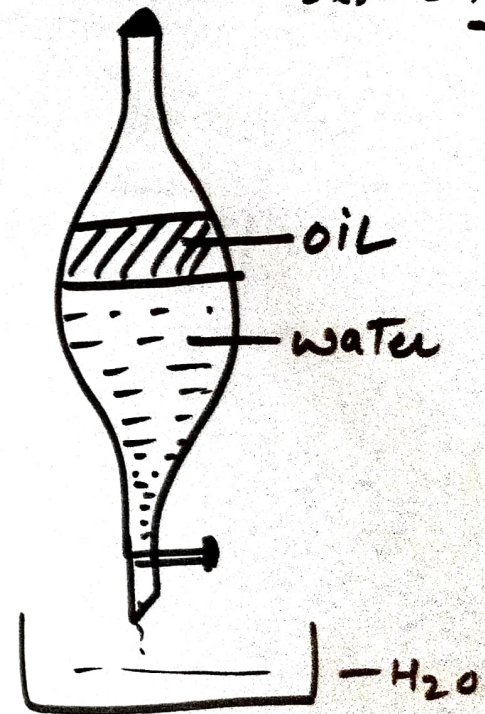
Principle :- Denser particles are forced to the bottom and the lighter particles stay at the top when spun rapidly.

Applications :- (i) used in diagnostic labs  
(ii) used in Dairies  
(iii) " " washing machine

## (III) TO SEPARATE A MIXTURE OF TWO IMMISCIBLE LIQUIDS :-

→ By using separating funnel

ex:- oil &  $H_2O$

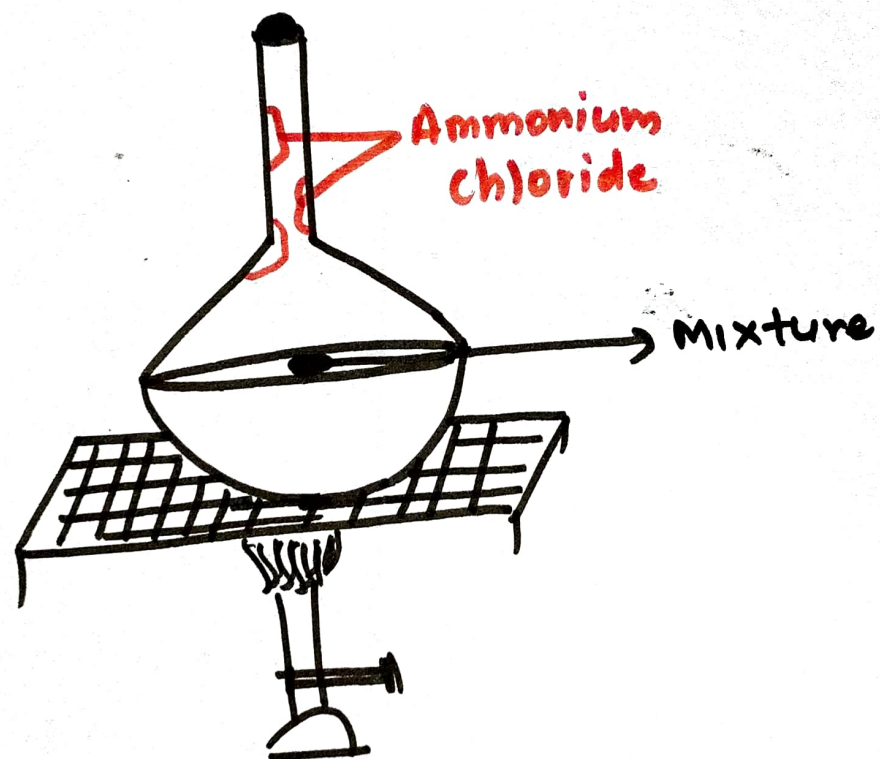




#### (IV) SALT AND AMMONIUM CHLORIDE L-

→ **SUBLIMATION**

Sublimation  
(solid  $\leftrightarrow$  gas)

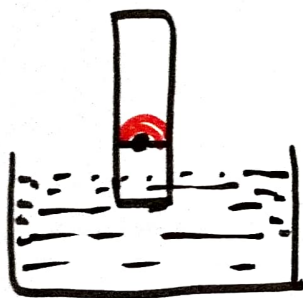




(V) Colours from a black Ink :-

→ CHROMATOGRAPHY

By using filter paper (9<sup>th</sup> class)

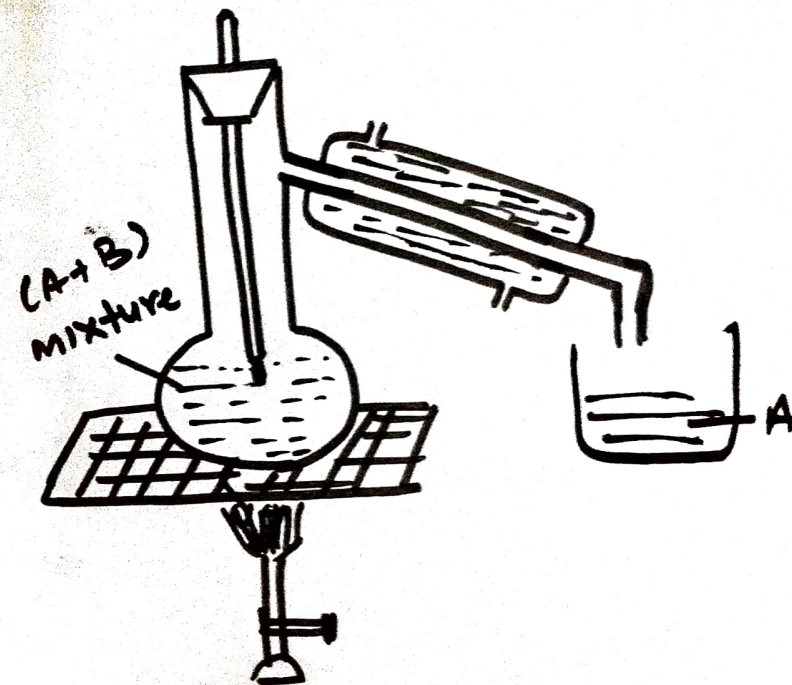


(VI) TWO MISCIBLE LIQUIDS :-

→ DISTILLATION

→ Based on Boiling pt. difference

→ Acetone & water :- ex



If B.P diff. is less than 25 K, fractional distillation is used