



MIXTURES AND SEPARATION METHODS

A mixture is the combination of two or more substances in which each of them retains its distinctive properties. There are two types of mixtures, homogeneous and heterogeneous.



There are also different methods of separating mixtures, some are: sieving, evaporation, filtration, centrifugation, magnetic separation, distillation and decantation.

✓ Look at the images and select the type of mix.

Air with powder



Orange juice



Salad



Coffee



SELECT THE CORRECT OPTION

✓ To separate solid substances of different sizes we can use the method of



Evaporation

Sieving

Decantation

✓ It is used to separate solid substances in which one of them contains iron or magnetic properties.



Magnetic separation

Sieving

Evaporation

- ✓ It is used to separate solid and liquid substances. Look at the picture.

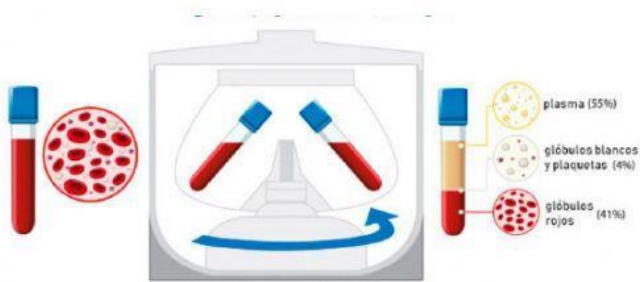


Distillation

Filtration

Magnetic separation

- ✓ A mixture can be separated by turning it very quickly. This method is known as



Decantation

Filtration

Centrifugation