

Element Compound and Mixture

worksheets

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School no-462 B

① The main purpose of separation of mixture to get the pure substance.

② It is a method of separating solid particles from a solid solid mixture.

③ Winnowing is the method of ~~and~~ separating solid-solid mixture when the unwanted substance is lighter so that it can move with the wind.

④ In this method the unwanted magnetic substances are separated with the help of magnet.

⑤ It is the method when the solid substances directly change into gas.

- 6) Residue
- 7) water vapour
- 8) Decantation
- 9) Fractional distillation.
- 10) misc
- 1) A pure liquid is obtained from a solution by:
 - a) Filtration
 - b) components are separated by evaporation
- 2) components are separated by distillation
- 3) Examples of homogeneous mixtures are:
 - a) distilled water.

4) In chromatography the filter paper is:-

a) Mobile phase

5) A set of mixtures is:

a) Ink, honey, ice creams, milk

* Short Question

1) a) Metalloids - They are those elements that show both the properties of metals and Non-metals.

b) Noble Gases - They are those elements that doesn't react with any other substances chemically.

2) a) The main metal present in Hemoglobin is Iron.

b) The main metal present in chalk is calcium.

3) The two characteristics of compounds are:-

They have fixed set of properties.
The particles are of one kind.