

ASSIGNMENT – 16(CHEMISTRY) CLASS – 8

CHAPTER 3 – ELEMENTS, COMPOUNDS AND MIXTURES

1. Can we separate alcohol dissolved in water by using a separating funnel? If yes, then describe the procedure. If not, explain.
2. Draw a flow-sheet describing separation of the constituents of a mixture containing aluminium powder, iron filings and sugar.
3. Which separation techniques will you apply for the separation of the following?
 - (a) Sodium chloride from its solution in water
 - (b) Ammonium chloride from a mixture containing sodium chloride and ammonium chloride
 - (c) Small pieces of metal in the engine oil of a car
 - (d) Butter from curd
 - (e) Oil from water
 - (f) Tea leaves from tea
 - (g) Iron pins from sand
 - (h) Wheat grains from husk
 - (i) Fine mud particles suspended in water.