

Chemistry - 10th Class Chemistry English Medium Chapter 16 Preparation

Q1. Give names of raw material used in solvay's process.
Ans 1: Brine NaCl Lime stone CaCO3 Ammonia gas Nh3
Q2. Nate two ores of copper.
Ans 1: Copper glance Cu2S Chalcopyrite CuFeS2
Q3. Give use of fuel oil
Ans 1: It is ues in ships and industries to heat boilers and furnaces.
Q4. Describe principle of fractional distillation.
Ans 1: The principle of fractional .Distillation is based upon a separation of substance depending upon their boiling point.
Q5. Name fraction of petroleum.
Ans 1: Petroleum gas Petroleum ether Gasoline Kerosene oil Diesel oil fuel oil
Q6. Give names of raw material used in Urea manufacturing?
Ans 1: Ammonia Carbon dioxide
Q7. Define principle of solvay's process.
Ans 1: Principle of solvay's process lies in low solubility of sodium bicarbonate at low temperature. ie.e. 15 oc when, CO2 is passed through an ammoniacal solution of NaCl called brine only NaHCO3 precipitate.
Q8. Give use of kerosene oil
Ans 1: Used as domestic fuel, a special grade of it is used as jet fuel
Q9. State Urea formation:

210. Define gangue. Ans 1: The earthly and other impurities associated with minerals are called gangue.		When ammonium carbonate is evaporated with the help of steam. It dehydrates to form Urea. NH3COONH4 □ NH2 + H2O	
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