

Chemistry - 10th Class Chemistry English Medium Chapter 16 Preparation

Q1. Name fraction of petroleum.

Ans 1: Petroleum gas Petroleum ether Gasoline Kerosene oil Diesel oil fuel oil

Q2. Name two ores of copper.

Ans 1: Copper glance Cu₂S Chalcopyrite CuFeS₂

Q3. Give two advantages of solvay's process.

Ans 1: 1. Carbon dioxide and ammonia are recovered and reused. 2. Sodium carbonate of very high purity is obtained.

Q4. Give use of fuel oil

Ans 1: It is used in ships and industries to heat boilers and furnaces.

Q5. Define principle of froth floatation.

Ans 1: Froth floatation is based on the wetting characteristics of the ore and gangue particles with oil and water respectively.

Q6. Define blister copper.

Ans 1: the molten matte is shifted from converter to sand moulds and is allowed to cool. the dissolved gases escape out forming blister on the surface of solid copper. It is called blister copper. It is 98% pure copper.

Q7. ICI stand for.

Ans 1: Imperial chemical industries.

Q8. Define Metallurgy.

Ans 1: The process of extraction of a metal in pure form on a large scale with minimum waste from its ore by physical or chemical means is called metallurgy.

Q9. Fraction of residual oil.

Ans 1: Lubricants Asphalt Paraffin wax Petroleum coke

Q10. State Urea formation:

Ans 1: When ammonium carbonate is evaporated with the help of steam. It dehydrates to form Urea. $\text{NH}_3\text{COONH}_4 \rightarrow \text{NH}_2\text{CONH}_2 + \text{H}_2\text{O}$
