

Chemistry - 10th Class Chemistry English Medium Chapter 11 Preparation

Q1. Define functional group with an example:

Ans 1: An atom or group of atoms or presence of double or triple bond which determines the characteristic properties of an organic compound is known as the functional group. Example-OH group is the functional group of alcohols, which gives characteristics properties of alcohols.

Q2. What is the importance of natural gas.

Ans 1: Natural gas is used as fuel in homes as well as in industries. It is used as fuel in automobiles as compressed natural gas. Natural gas is also used to make carbon black and fertilizer.

Q3. CNG stands for what ?

Ans 1: CNG stands for compressed natural gas.

Q4. What is Ammoniacal liquor?

Ans 1: It is a solution of ammonia gas in water. It is used to prepare nitrogenous fertilizer.

Q5. Why and how carbon complete its octet ?

Ans 1: Carbon gets minimum energy and maximum stability by sharing its four valence electrons with other atoms. In this way it completes its octet.

Q6. What is ester group? Write formula of ethyl acetate.

Ans 1: Organic compounds consisting of RCOOR functional group are called esters. The general formula of ether is R-C-OR and R are alkyl groups. They may be same or different such as.

Q7. What is petroleum?

Ans 1: "Petroleum is a dark brownish or greenish black color viscous liquid.

Q8. CNG stand for what?

Ans 1: CNG stand for compressed natural gas.

Q9. What are organic compounds?

Ans 1: Organic chemistry are hydrocarbon and their derivatives in which covalently bonded carbon is an essential constituent.

Q10. What is coal gas ?

Ans 1: It is a mixture of hydrogen , methane and carbon monoxide
