

Chemistry - 10th Class Chemistry English Medium Chapter 11 Preparation

Q1. What is the importance of natural gas ?
Ans 1: This is because intermolecular forces between the molecules are weak Natural gas is used as fuel in homes as well as fuel in homes as well as in industries. It is used as fuel in automobiles as compressed natural gas (CNG). Natural gas is also used to make carbon black and fertilizer
Q2. Why benzene and other homologous compound of benzene are called aromatic compound.
Ans 1: These organic compounds contain at least one benzene ring in their molecule. A benzene ring is made up of six carbon atoms with three alternating double bonds. They are called aromatic because of aroma or smell they have.
Q3. 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 R and R are alkyl grops. They may be same or different such as.
Q4. Give use of organic compounds in medicine
Ans 1: A large number of organic compounds are used as medicines by us . Most life saving medicines are synthesized in laboratories
Q5. CNG stand for what?
Ans 1: CNG stand for compressed natrual gas.
Q6. Name the gases which are found in coal gas ?
Ans 1: The gases which are found in coal gas are hydrogen, methane, carbon monoxide
Q7. Define structural formula.
Ans 1: Structural formula of a compound represents the exact arrangement of the different atoms of various elements present in a molecule of a substances. Example: Iso butane

Q8. What is Ammoniacal liquor?

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

Q9. What is molecular formula? Also give an example

Ans 1: The formula which represents the actual number of atoms in one molecule of organic compound is called molecular formula

Ans 2: Example : Butane C_4H_{10}

Q10. CNG stands for what ?

Ans 1: CNG stands for compressed natural gas