

## Chemistry - 10th Class Chemistry English Medium Chapter 11 Preparation

Q1. Our existence owe to organic compounds , comment
Ans 1: Our existence owe to organic compounds because these compounds are part of everything from food we eat to the various items we use in daily life to fulfill our needs
Q2. What are organic compound ?
Ans 1: Organic chemistry are hydrocarbon and their derivatives in which covalently bonded carbon is an essential constituent
Q3. 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
Q4. How a ketonic group is tested?
Ans 1: Shake a pinch of the given organic compound with about 2 cm3 of Phenyl hydrazine solution .
Q5. Differentiate open chain & closed chain compounds.
<b>Ans 1:</b> Open Chain compounds: Open chain compounds are those in which the end carbon are not joined with each other in this way they form a long chain of carbon atom. H3C -CH2-CH3
Ans 2: Closed chain compounds:Closed chain or cycle compounds are those in which the carbon atom at the end of chain are not free. they are limed to form a ring.
Q6. What is petroleum?
Ans 1: "Petroleum is a dark brownish or greenish black color viscous liquid.
Q7. How many types of chemical formula of organic compounds?
Ans 1: there are four types of chemical formulas of organic compounds. Molecular formula Condensed formula Dot-cross formula Structural formula

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

Q9. How many types of chemical formula of organic compound?

Ans 1: There are four typeschemical formula of organic compound

- 1: Molecular formula
- 2: Condensed formula
- 3: Dot-cross formula
- 4: Structural formula

Q10. Why the melting and boiling points of organic compounds are low?

Ans 1: Organic compounds have low melting or boiling points due to presence of covalent bond which is weaker than ionic bond