

## XI Chemistry Worksheet

Time: 30 min Ch#12: Organic Chemistry - Some Basic Principles and Techniques-01 Full Marks: 20

### Instructions:

1. All questions are compulsory.
2. Please give the explanation for the answer where applicable.

Q1 - Define Organic chemistry.

(1 Mark)

Q2 - Organic chemistry is treated as a separate branch. Why?

(5 Marks)

Q3 - Write a short on the tetravalency of carbon.

(2 Marks)

Q4 - What are the main characteristics of a Homologous series.

(3 Marks)

Q5 - What are aliphatic hydrocarbons? Give their classification.

(3 Marks)

Q6 - What are primary, secondary tertiary and quaternary carbon atoms?

(2 Marks)

Q7 - What is the parent or principal chain in an organic compound?

(1 Mark)

Q8 - Define primary suffix. Also give their names.

(1 Mark)

Q9 - What is a Lassaigne's Extract?

(2 Marks)