

XI Chemistry Worksheet

Time: 30 min Ch#12: Organic Chemistry - Some Basic Principles and Techniques-03 Full Marks: 20

Instructions:

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

- Q1 - What is a homologous series? Explain with example. (2 Marks)
- Q2 - What is an alkyl group? (2 Marks)
- Q3 - Explain sp^2 hybridization? (1 Mark)
- Q4 - What do understand by sp hybridization? (1 Mark)
- Q5 - Name the various systems in which organic compounds are named? (1 Mark)
- Q6 - Write Resonance Structures of Nitrobenzene. (2 Marks)
- Q7 - Write a Short note on Electromeric Effect and Hyperconjugation. (3 Marks)
- Q8 - How Organic Reaction can be classified. (2 Marks)
- Q9 - Define Distillation and Differential Extraction. (3 Marks)
- Q10 - Write test for Nitrogen and Sulphur. (3 Marks)