

1. Differentiate between organic and inorganic compounds with examples.
2. What are allotropes of carbon? Explain with crystalline and amorphous forms.
3. Classify organic compounds based on structure and bonds.
4. What is the degree of carbon and how is it classified?
5. What is a functional group? How does it help in classification of organic compounds?
6. Explain homologous series with an example.
7. Write IUPAC naming rules for organic compounds with an example.
8. Define isomerism in organic compounds with an example.
9. Compare physical and chemical properties of ethanol and ethanoic acid.
10. What are soaps and detergents? How do they differ in their chemical nature?