

Sample Paper – 2008
Class – X
Subject – Science

CARBON COMPOUND

Long Questions

1. Define Bonding? Give at least 3 examples.
2. What is covalent Bond? How much type of covalent bonds? Explain all of them give 4 examples?
3. How many types of formation in covalent bonding. Write down Six Examples
4. Differentiation between Ionic and Covalent Compound?
5. Define allotropic forms of carbon? How many allotropes of carbon. Explain all of them with structure write 5 uses of each.
6. What is versatile nature of carbon? Give reason versatile nature of carbon.
7. Define hydro carbons how many types of hydro carbons explain numerically and equationally?
8. Define Functional groups. How many types of functional group explain ten-ten examples of each? Write down the limitation of the alcohol at least ten points
9. Explain Soap and detergents write down its advantage and disadvantages and write down there cleansing action?
10. Differentiate between soft and hard water what type of Situation will be formed if we add salt in the water name the types of salt also?

11. Graphite is a good conductor of electricity but diamond is not why?

Short Questions

1. Define:-

- a) Melting point
- b) Boiling Point
- c) Hydro carbon
- d) Double bond
- e) Isomers
- f) Isotopes
- g) Atomic number
- h) Atomic mass
- i) Saturated Compound
- j) Un Saturated Compounds
- k) Combustion
- l) Oxidation
- m) Addition Reaction
- n) Isomerism

2. What is the main difference between ionic and covalent compounds?

3. Explain the meaning of Octate and Duplet

4. Name the element which do not loss and gain but do only sharing the electron?

5. Write one important harmful effect of Alcohols

6. Write down the causes of hardness of water?