## CARBON AND ITS COMPOUNDS CLASS X SCIENCE MODULE 3/3 – WORKSHEET

- 1) What are the two types of hydrocarbons?
- 2) What is isomerism?
- 3) Explain the term –'Homologous series'.
- 4) Define the following terms with examples:
- i) Alkanes
- ii) Alkenes
- iii) Alkynes
- 5) Draw electron-dot structures for ethyne and propyne.
- 6) Write the structural formula of butene and pentene.

- 7) What is the general formula of Alkanes?
- 8) What is the general formula of Alkenes?
- 9) What is the general formula of Alkynes?
- 10) Draw the electron-dot structure of Methane and Ethane.