

STD. 10

CHEMISTRY ASSIGNMENT- 30

Organic Chemistry – Part 7

1. Write the notes discussed in the video neatly in your notebooks.
2. Write the equation of the laboratory preparation of ethyne . How is the dry gas collected ?
3. Classify the following compounds as Alkanes , Alkenes and Alkynes :  
 $C_3H_4$ ,  $C_3H_8$ ,  $C_5H_8$ ,  $C_3H_6$
4. Write balanced chemical equations for :
  - a) 1, 2 – dibromoethane is boiled with alcoholic potassium hydroxide.
  - b) A mixture of Ethyne and hydrogen are passed over heated Nickel.
5. Give a chemical test to distinguish between :
  - a) Ethane and Ethyne
  - b) Ethene and Ethyne