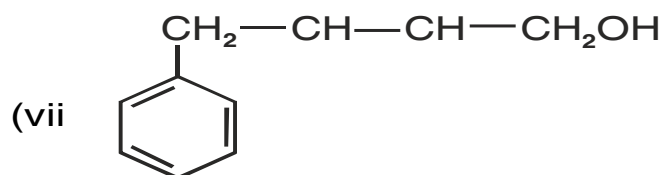
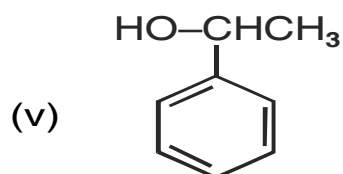
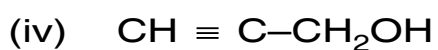
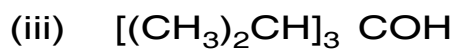
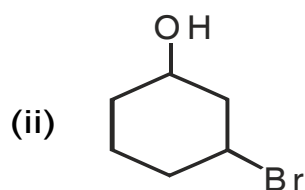
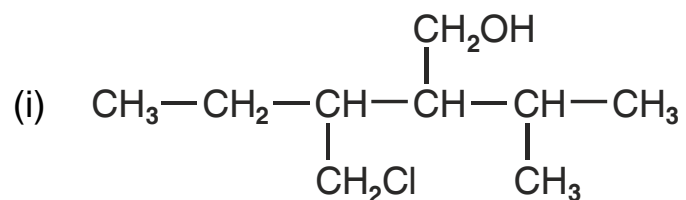
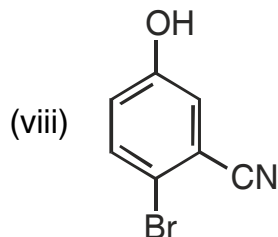
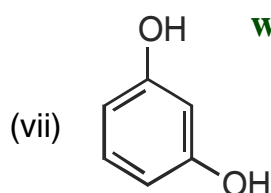


Alcohols, Phenols and Ethers

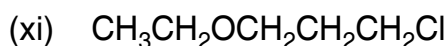
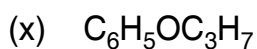
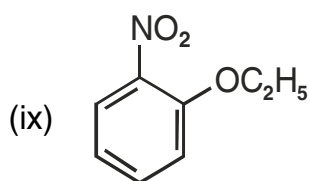
(Assignment - 1)

1. Write IUPAC names of the following compounds :





[Hint : 2-Bromo-5-hydroxybenzenenitrile].



2. Write the structures of the compounds whose names are given below :

(i) 3, 5-Dimethoxyhexane-1, 3, 5-triol

(ii) Cyclohexylmethanol

(iii) 2-Ethoxy-3-methylpentane

(iv) 3-Chloromethylpentan-2-ol

(v) p-Nitroanisole

3. Describe the following reactions with example :

(i) Hydroboration oxidation of alkenes

(ii) Acid catalysed dehydration of alcohols at 443K.

(iii) Williamson synthesis

(iv) Reimer-Tiemann reaction.

(v) Kolbe's reaction

(vi) Friedel-Crafts acylation of Anisole.

4. Complete the following reactions :

