7. **The reagents used in Williamson's synthesis for the preparation of diethyl ether are _____**

(a) sodium ethoxide and methyl bromide
(b) sodium ethoxide and ethyl bromide
(c) sodium methoxide and methyl bromide
(d) sodium methoxide and ethyl bromide

8. **The boiling point of ethers are _____**

(a) lower than that of isomeric alcohols
(b) equal to that of isomeric alcohols
(c) greater than that isomeric alcohols
(d) equal to that of alkanes

9. **Ethers are soluble in _____**

(a) hydrocarbons
(b) carbon tetrachloride
(c) benzene
(d) all

10. **The reactions of ethers are due to the presence of _____**

(a) alkyl groups
(b) C – O bonds
(c) lone pair of electrons on oxygen
(d) all

11. **α α' dichlorodiethyl ether is formed when _____**

(a) dimethyl ether reacts with chlorine in dark
(b) diethyl ether reacts with chlorine in dark
(c) diethyl ether reacts with chlorine in the presence of sunlight
(d) dimethyl ether reacts with chlorine in dark

12. $C_2H_5 - O - C_2H_5 + H_2O \xrightarrow[H_2SO_4]{dil}$. **The product is _____**

(a) $C_2H_5OCH_3$
(b) H_2O_2
(c) $2\,C_2H_5OH$
(d) $C_2H_5H_2SO_4$