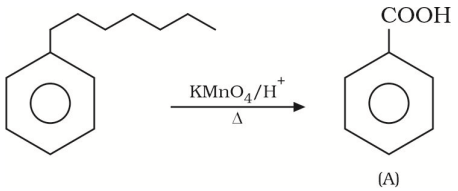
Daily Tutorial Sheet-11	Numerical Value Type for JEE Main

126.(4) This is a chemical test for alcohol

127.(2) Carboxylic and sulphonic group give reaction with $NaHCO_3$ to produce effervescences.

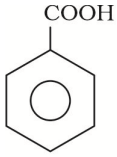
128.(5) Alcohol and carboxylic group give, acid-base reaction with NaOH and aldehyde ketone give aldol reaction with NaOH

129.(7)



(A)

130.(2)

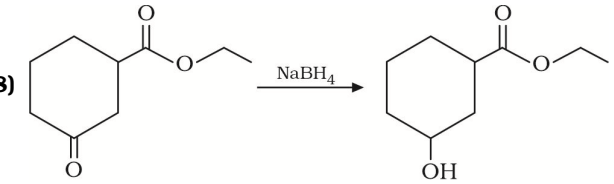


(A)

$+ \quad CO_2 \quad + \quad H_2O$

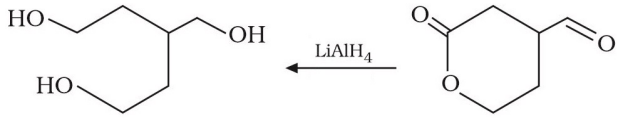
131.(2) Allylic and vinylic ether give Claisen rearrangement to get converted into Y, S-unsaturated carbonyl compound.

132.(28)



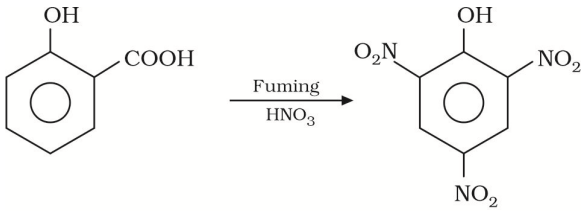
$$\% \text{ of oxygen} = \frac{48}{172} \times 100 = 27.9 \approx 28$$

133.(3)



(Q)

134.(3)



(A)

135.(2) $CH_3 - \overset{\overset{O}{\|}}{C} - OH + CH_3OH \xrightarrow{H^+} CH_3 - \overset{\overset{O}{\|}}{C} - O - CH_3 + H_2O$

136.(3) $CH_3 - \overset{\overset{O}{\|}}{C} - OH \xrightarrow[\Delta]{P_2O_5} CH_3 - CO - O - CO - CH_3 + H_2O$

137.(3) Acid halide, amide, ortho nitro arylhalide give nucleophilic substitution reaction.

138.(1) Amide give NH_3 on heating

139.(3) Electron withdrawing group increases the acidic strength

140.(2) α and β hydroxy carboxylic compound can not give lactone.