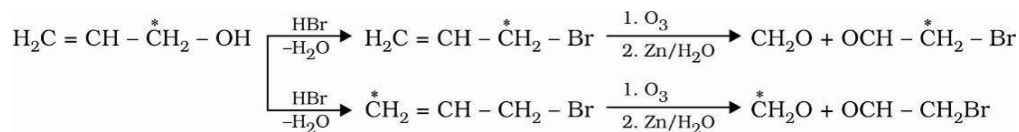
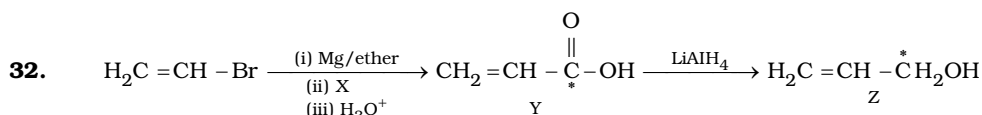
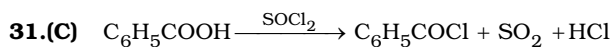
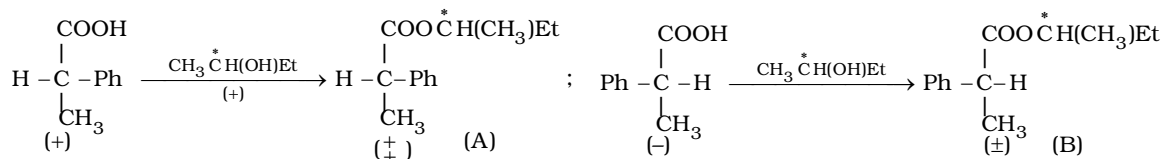


Daily Tutorial Sheet 3

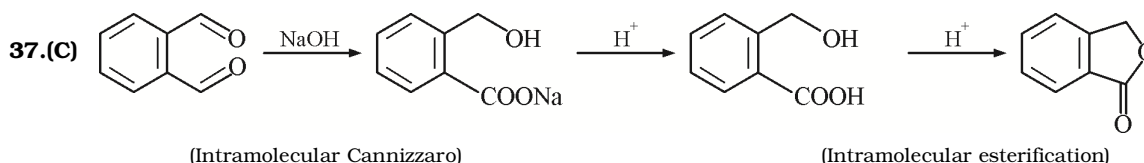
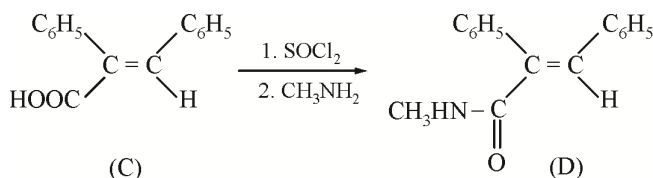
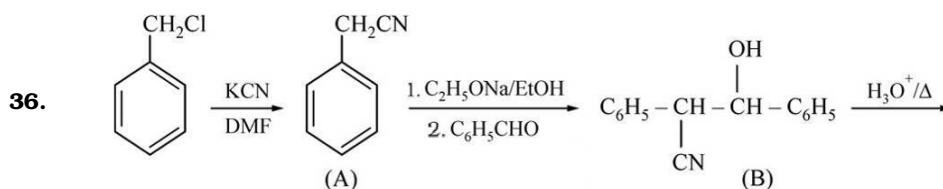
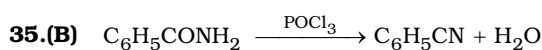
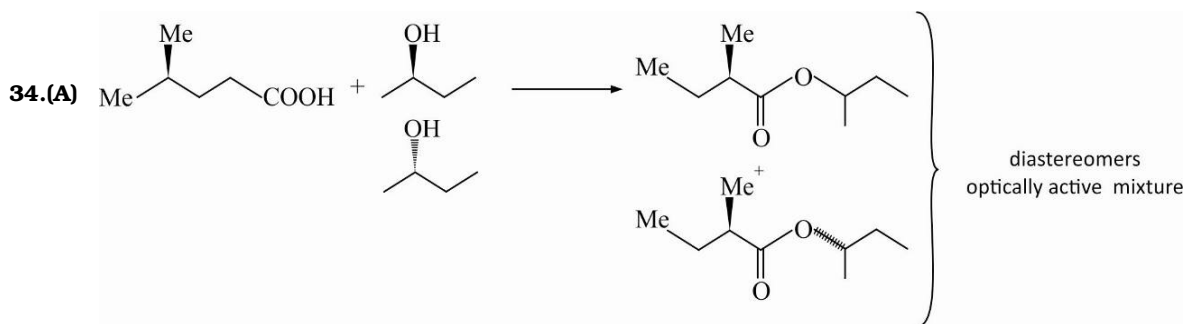
JEE Advanced (Archive)



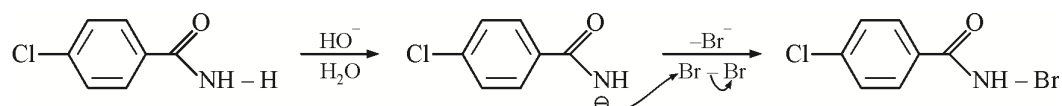
33. The two stereoisomers of 2-phenyl propanoic acid in the racemic mixture are :



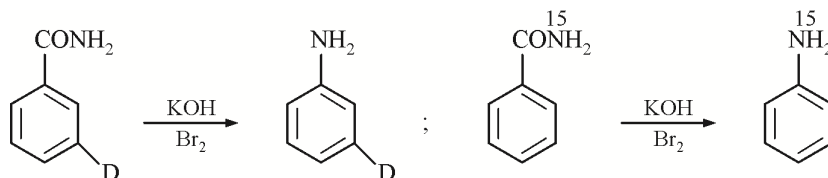
Here A and B are diastereomers.



38.(D) 39.(D) 40.(B)



Formations of N-bromophenyl isocyanate is the rate-determining step in Hofmann's bromamide degradation.

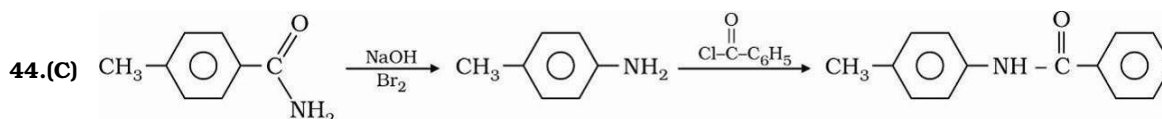


Note : Hofmann's degradation reaction is an intramolecular reaction.

41.(D) p-hydroxybenzoic acid has higher boiling point due to intermolecular H-bonding.

42.(C) Because of intramolecular H-bond in conjugate base

43.(4) Carboxylic acid and phenols are soluble in aq. NaOH due to acidic nature.



45.(D)

