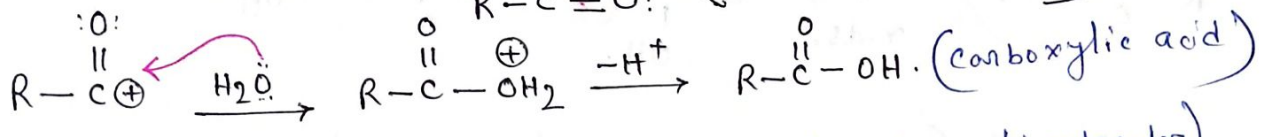
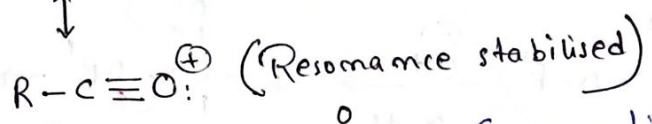
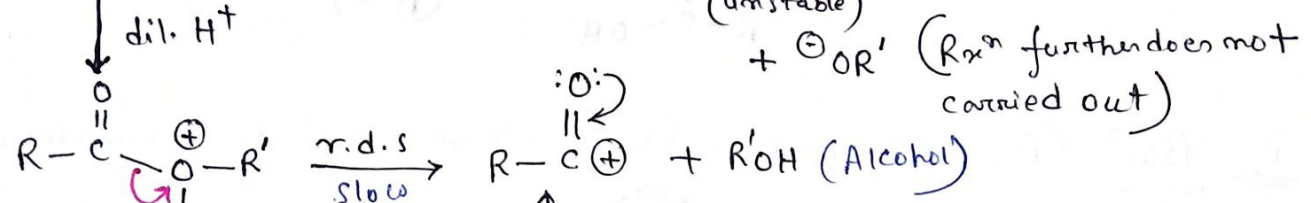
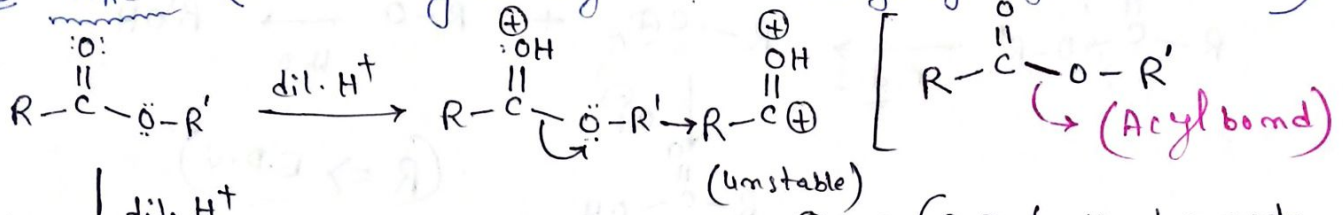


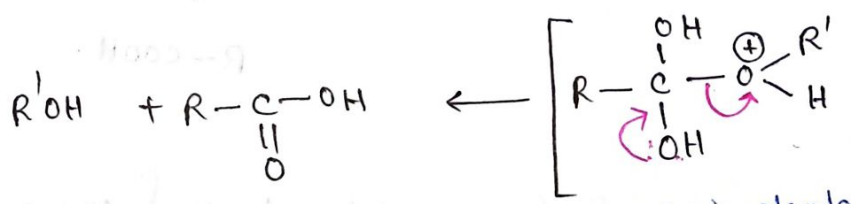
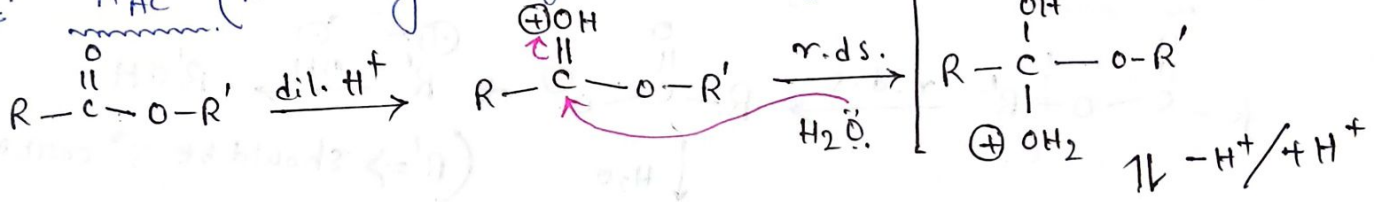
Hydrolysis of Ester

I) Acid catalysed hydrolysis of esters:

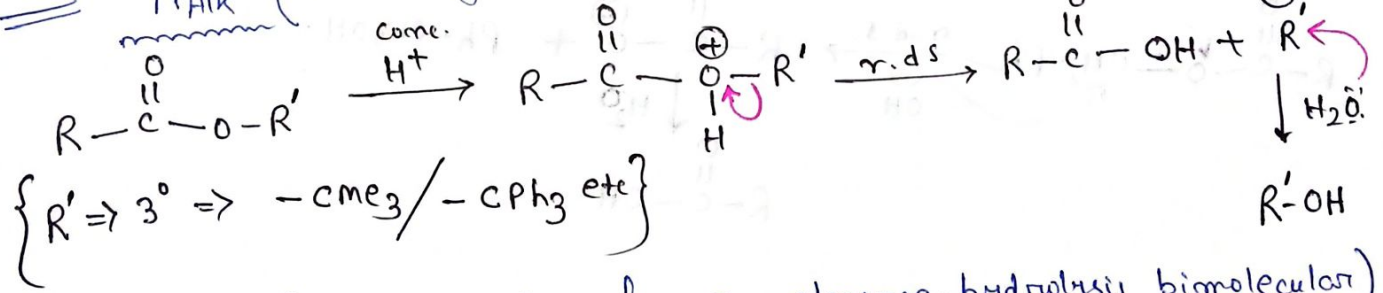
i. A_{AC}1 (Acid catalysed acyl bond cleavage hydrolysis unimolecular)



ii. A_{AC}2 (Acid catalysed acyl bond cleavage hydrolysis bimolecular)

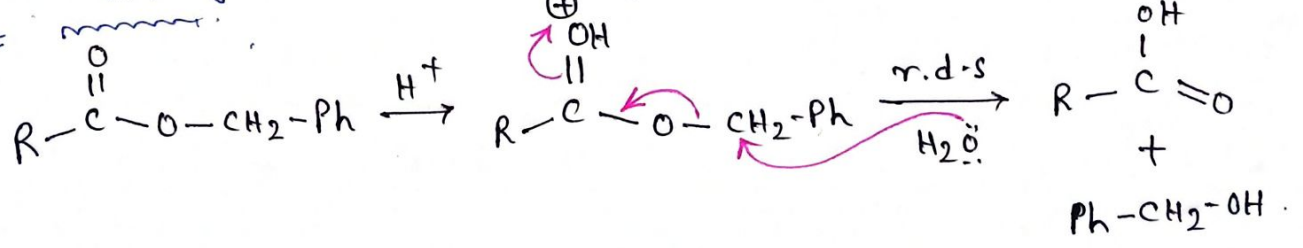


iii. A_{AK}1 (Acid catalysed alkyl oxygen cleavage hydrolysis unimolecular)



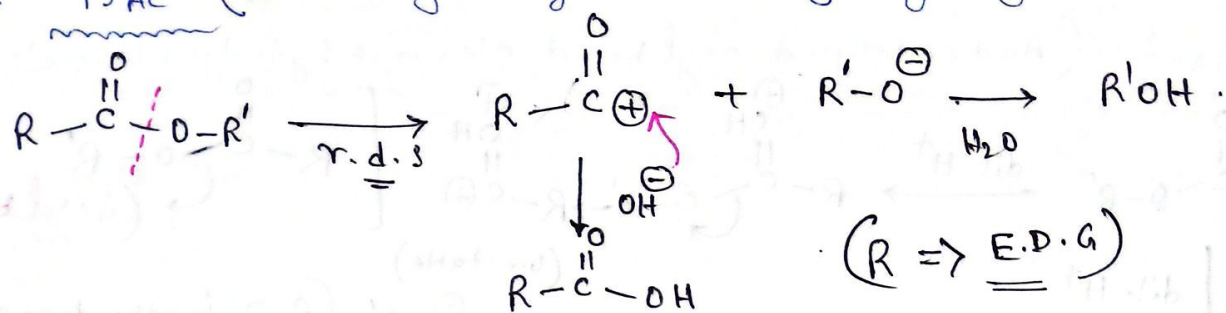
$\{R' \Rightarrow 3^\circ \Rightarrow -\text{CMe}_3 / -\text{CPh}_3 \text{ etc.}\}$

iv. A_{AK}2 (Acid catalysed alkyl oxygen cleavage hydrolysis bimolecular)

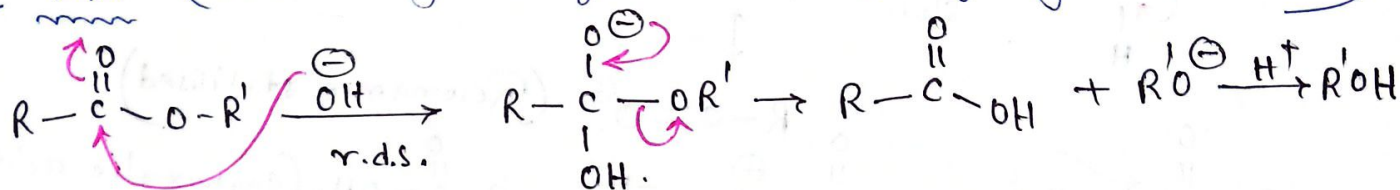


II) Base catalysed hydrolysis of ester :-

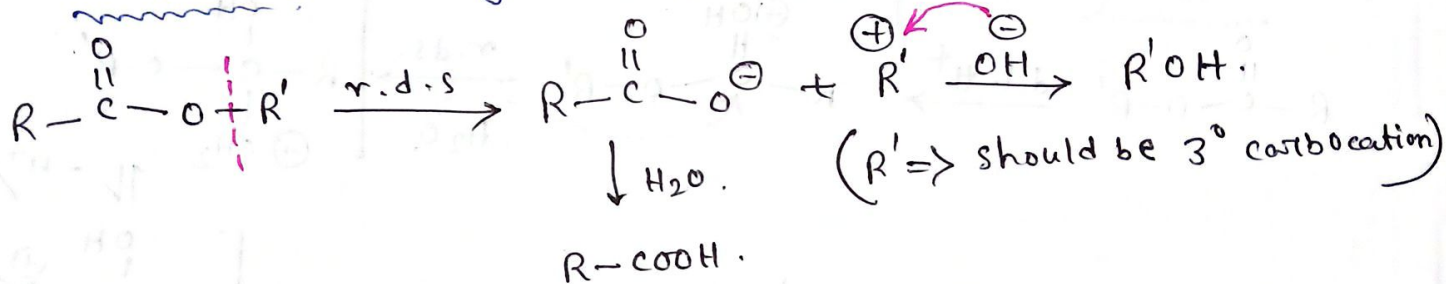
i. B_{Ac}¹ (Base catalysed acyl bond cleavage hydrolysis unimolecular)



ii B_{Ac}² (Base catalysed acyl bond cleavage hydrolysis bimolecular)



iii. B_{Alk}¹ (Base catalysed alkyl oxygen cleavage unimolecular)



iv. B_{Alk}² (Base catalysed alkyl oxygen cleavage bimolecular)

