

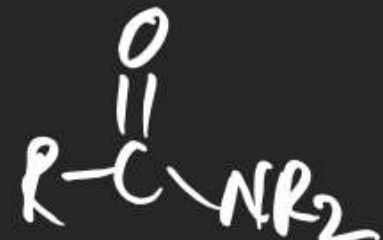
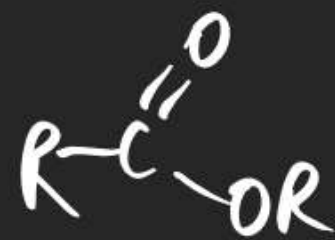
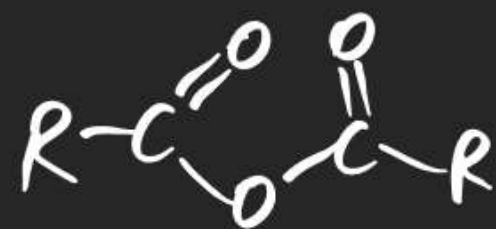
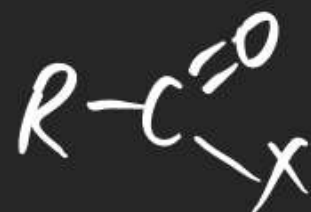
Carboxylic Acid & Derivatives

⇒ Carboxylic Acid



↑ Hydrolysis

⇒ Carboxylic Acid derivatives

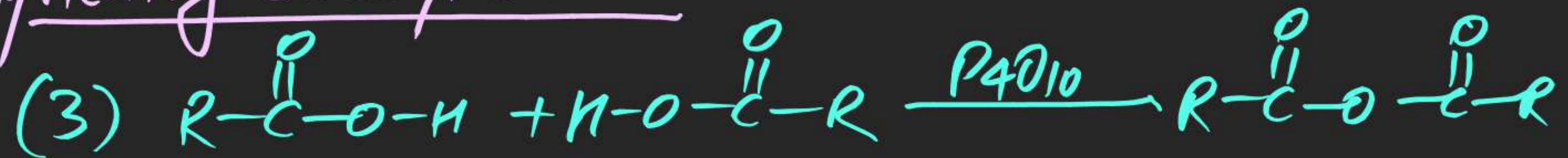


Method of Preparation:

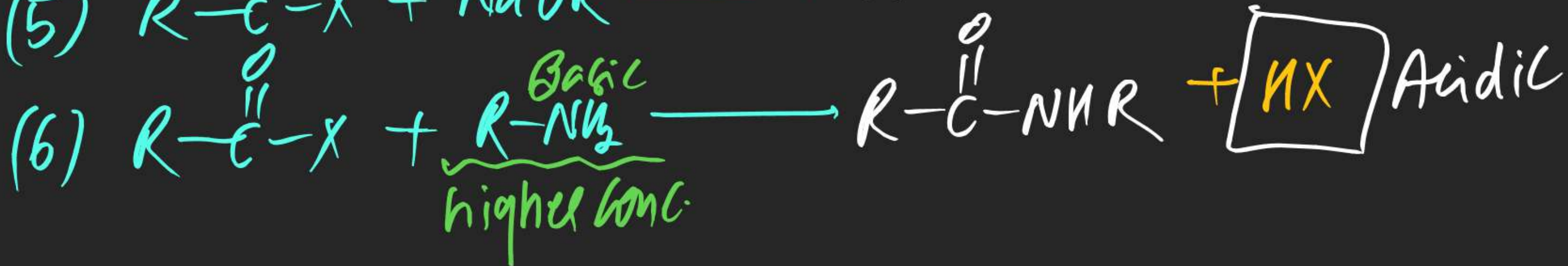
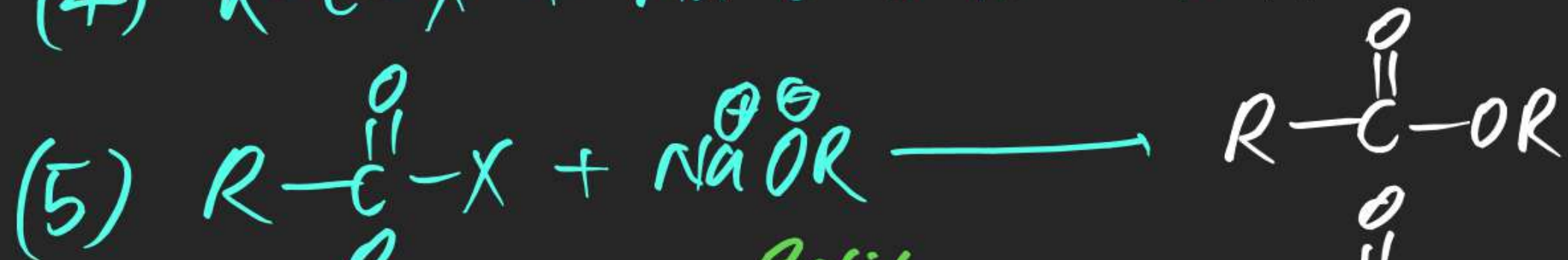
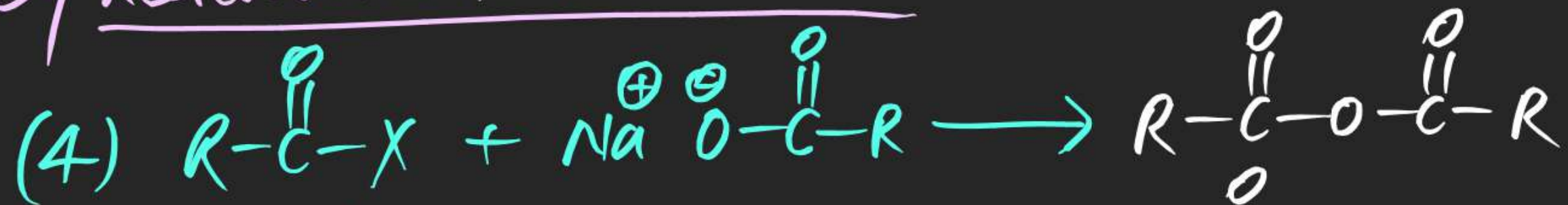
(1) By Reaction of PCl_5 , $SOCl_2$ with $R-COOH$



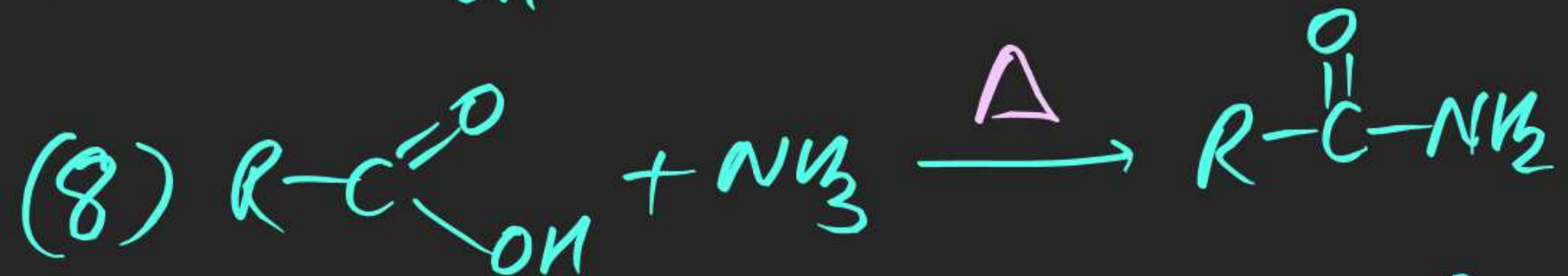
(2) By heating Carboxylic Acid:



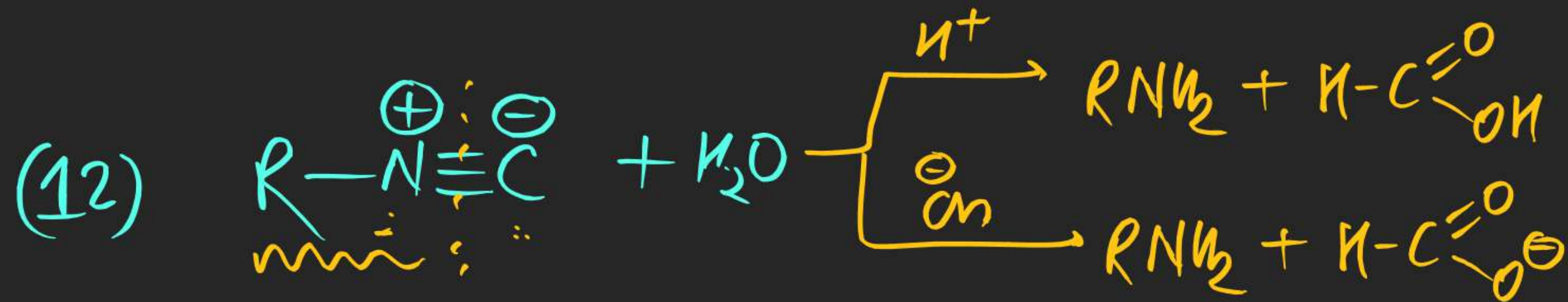
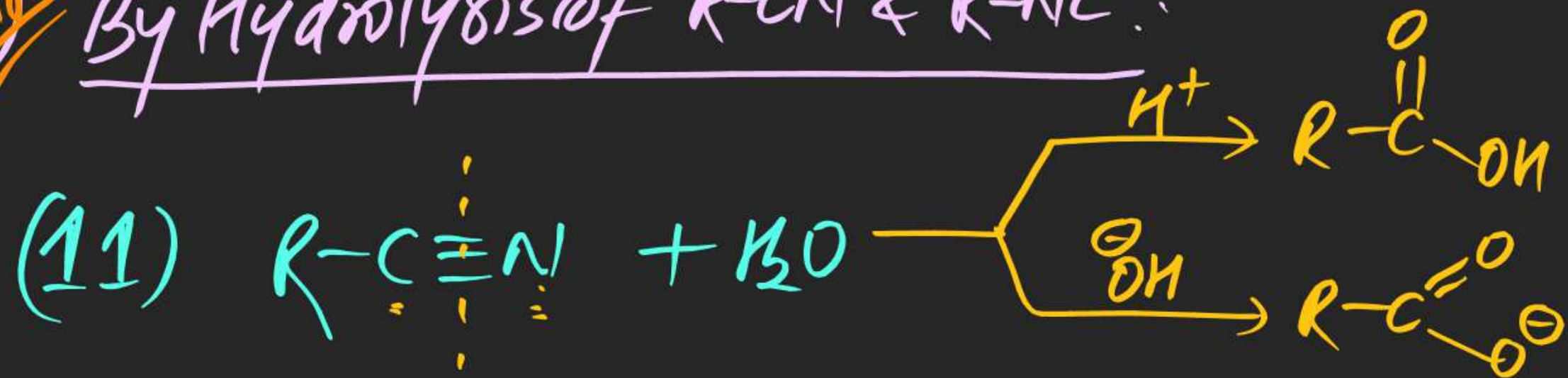
(3) By Reaction with Acid halide:



(4) By Reaction of Carboxylic Acid & Amine



(5) By Hydrolysis of R-CN & R-NC:



(6) Hydrolysis of Ester:-

⇒ Ester on Hydrolysis gives Carboxylic Acid & Alcohol as a Product.

