

HWS-1
(Based upon Preparations)

Oxygen Containing Organic Compounds-III

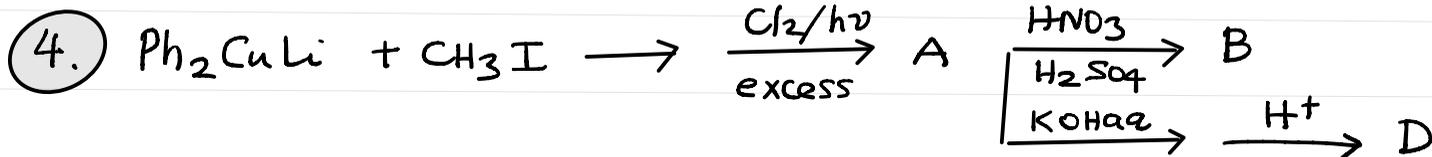
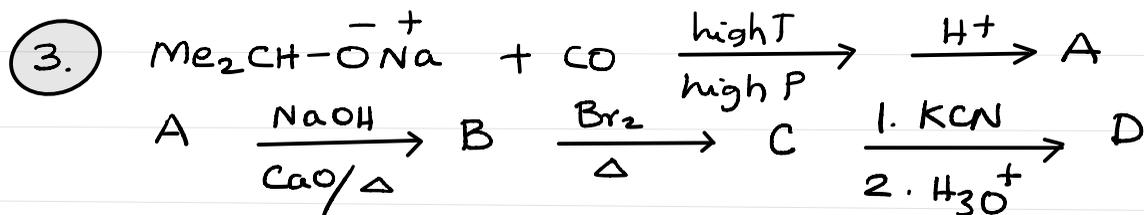
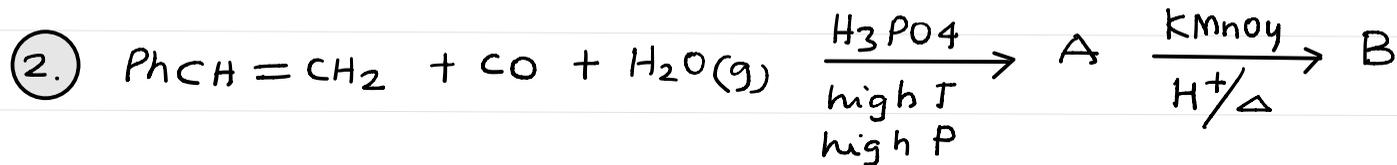
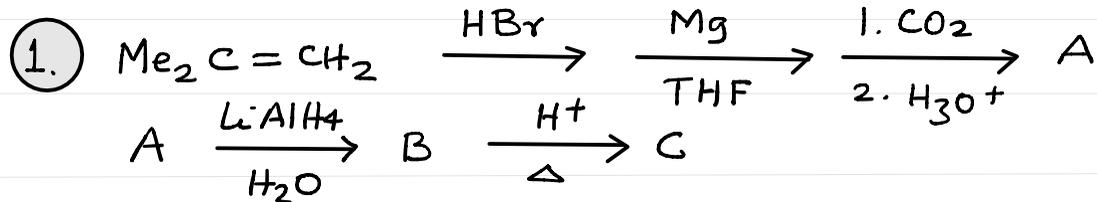
Preparation of Carboxylic Acids & Derivatives

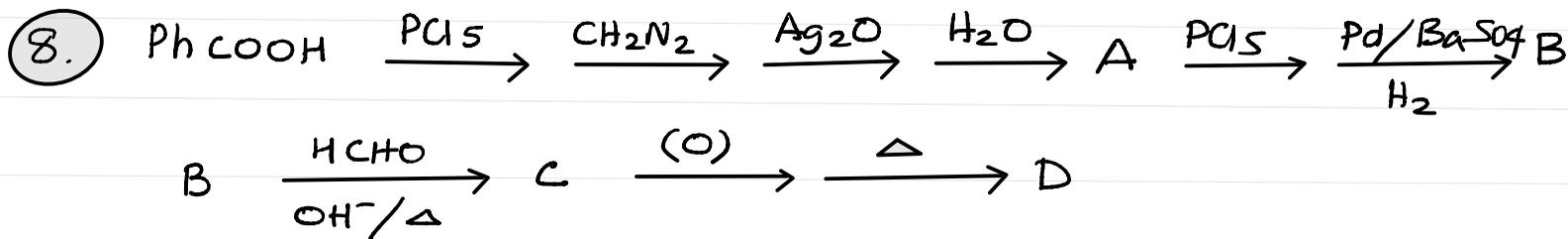
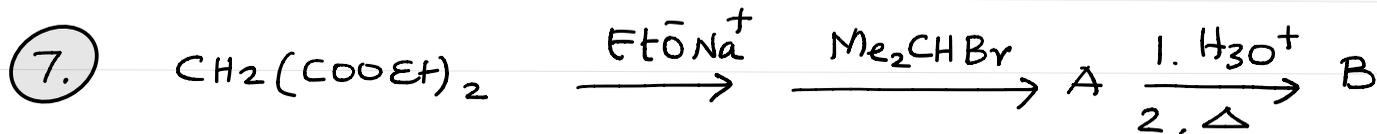
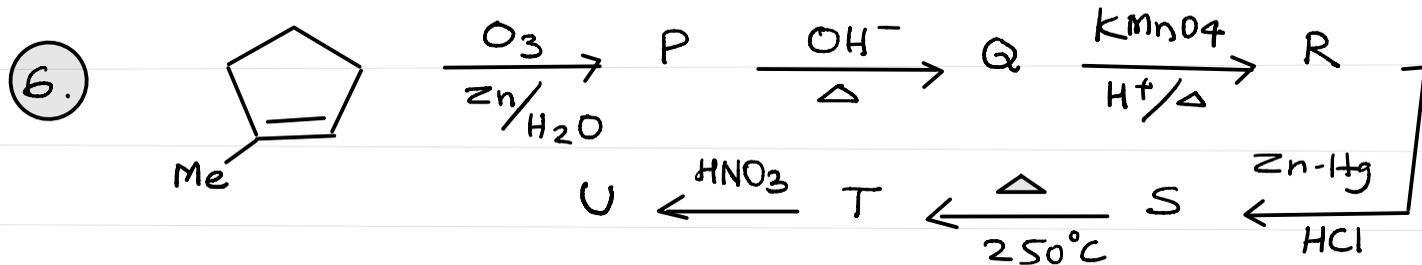
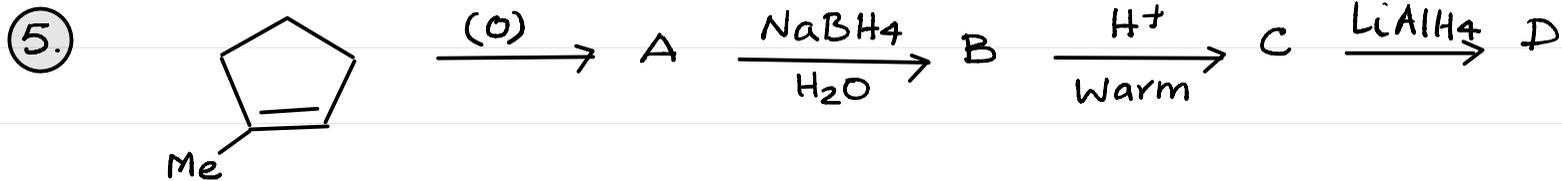
Preparation of Carboxylic Acids

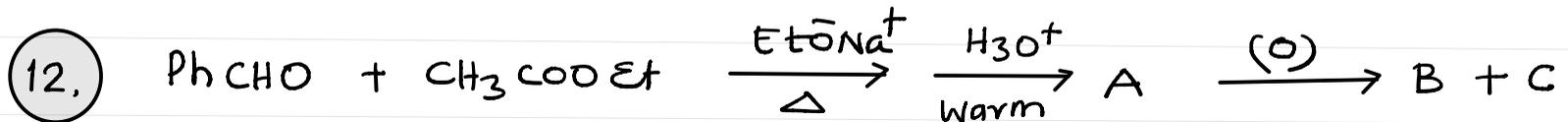
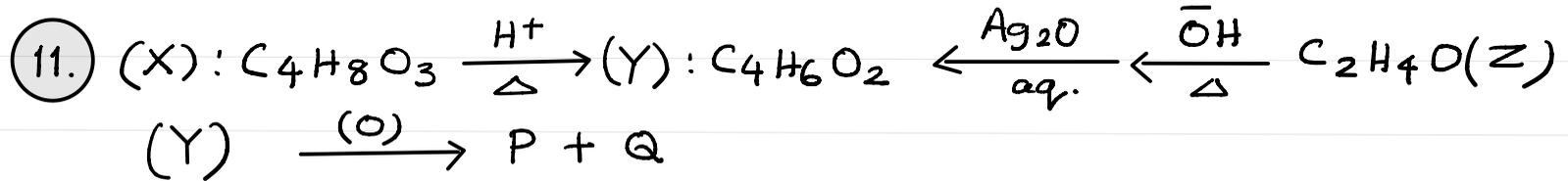
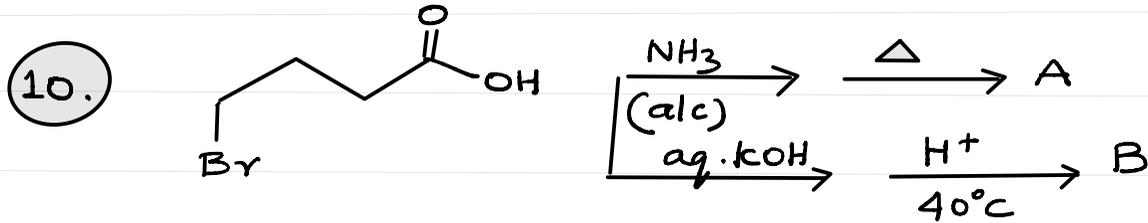
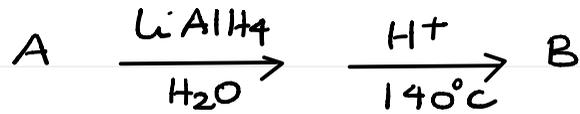
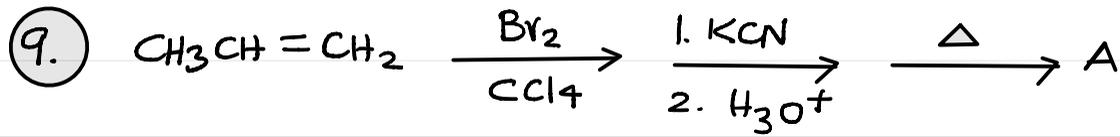
1. From Grignard Reagent
2. From Alkenes
 - (a) Oxidation
 - (b) Carbonylation
3. From Alkoxide ion
4. Oxidation Of
 - (a) Alcohols
 - (b) Aldehydes & Ketones
5. Hydrolysis Of
 - (a) Cyanides
 - (b) Cyanohydrins
 - (c) Tri-Halides
 - (d) Acid Derivatives
6. Malonic Ester Synthesis
7. Arndt-Eistert Reaction
8. Preparation of Formic Acid
9. Preparation of Acetic Acid
10. Preparation of Benzoic Acid

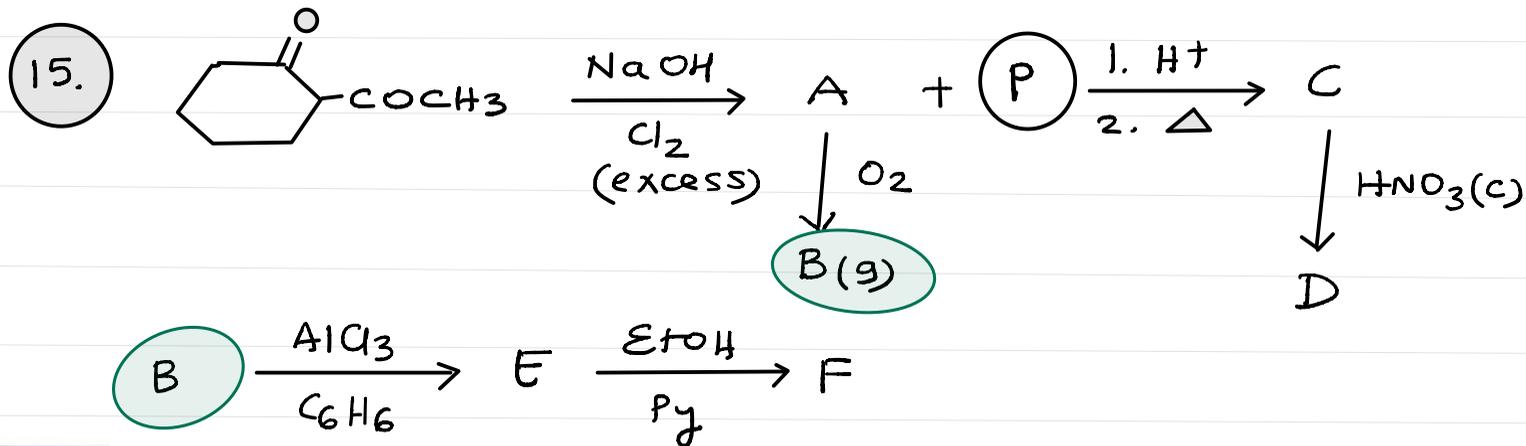
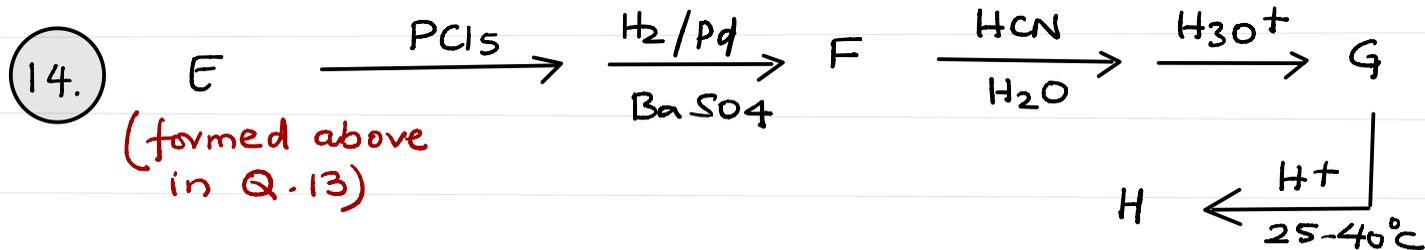
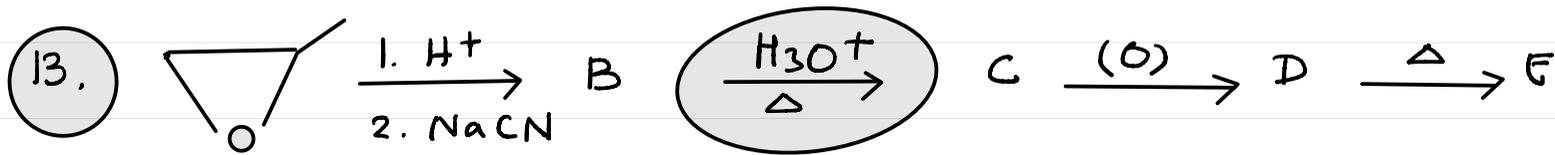
Preparation of Derivatives of Carboxylic Acids

1. Acid Chlorides & Bromides
2. Acid Anhydrides
3. Acid Amides
4. Esters









Thank you !