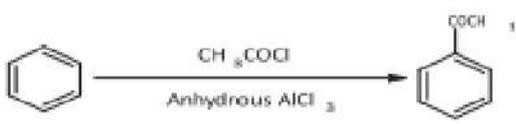
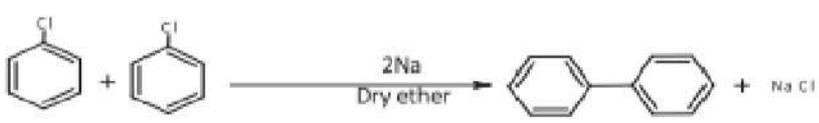
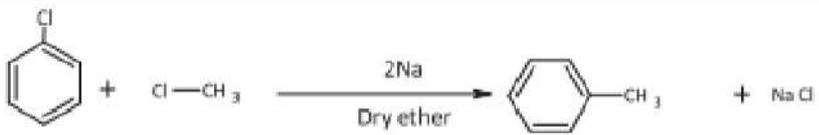
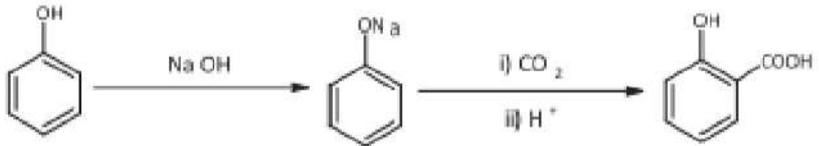
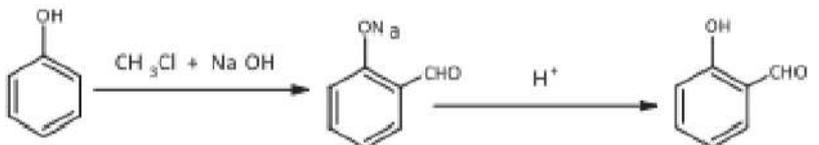
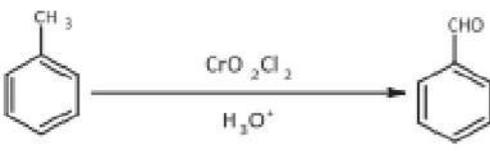
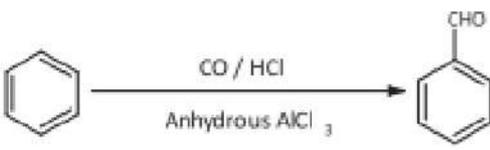
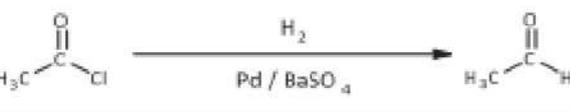
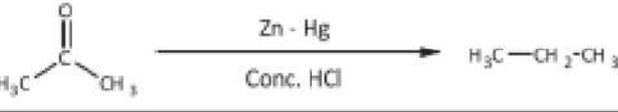
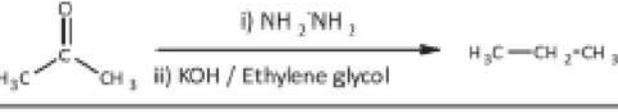
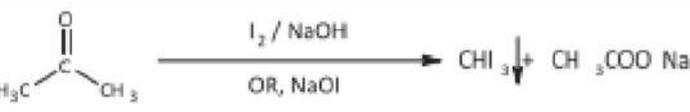
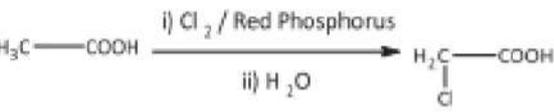
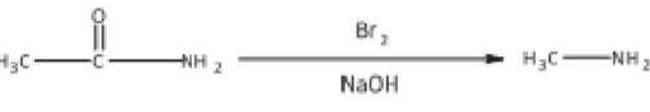


CHEMISTRY

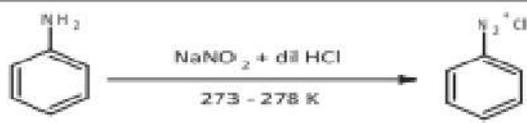
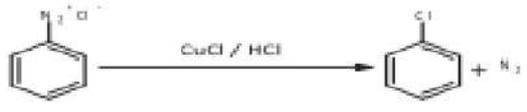
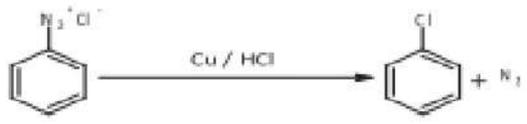
NAME REACTIONS

1.	Finkelstein	$\text{CH}_3\text{Br} + \text{NaI} \xrightarrow{\text{Acetone}} \text{CH}_3\text{I} + \text{NaBr}$
2.	Swarts	$\text{CH}_3\text{Br} + \text{AgF} \longrightarrow \text{CH}_3\text{F} + \text{AgBr}$
3.	Friedel-Crafts Alkylation	
4.	Friedel-Crafts Acylation	
5.	Wurtz	$\text{H}_3\text{C}-\text{Cl} + \text{Cl}-\text{CH}_3 \xrightarrow[\text{Dry ether}]{2\text{Na}} \text{H}_3\text{C}-\text{CH}_3 + \text{NaCl}$
6.	Fittig	
7.	Wurtz-Fittig	
8.	Kolbe	
9.	Reimer-Tiemann	
10.	Williamson	$\text{CH}_3-\text{Br} + \text{CH}_3-\text{ONa} \longrightarrow \text{CH}_3-\text{O}-\text{CH}_3 + \text{NaBr}$
11.	Stephen	$\text{H}_3\text{C}-\text{CN} + \text{SnCl}_2 + \text{HCl} \longrightarrow \text{H}_3\text{C}-\text{CH}=\text{NH} \xrightarrow{\text{H}_3\text{O}^+} \text{H}_3\text{C}-\text{CHO}$

CHEMISTRY

12.	Etard	
13.	Gatterman – Koch	
14.	Rosenmund reduction	
15.	Clemmensen reduction	
16.	Wolff-Kishner reduction	
17.	Tollens' test	$R-CHO + 2 [Ag(NH_3)_2]^+ + 3 OH^- \longrightarrow R-COO^- + 2Ag \downarrow + 2H_2O + 4 NH_3$
18.	Fehling's test	$R-CHO + 2 Cu^{2+} + 5 OH^- \longrightarrow R-COO^- + Cu_2O \downarrow + 3H_2O$
19.	Iodoform	
20.	Aldol condensation	$2 H_3C-CHO \xrightarrow{\text{dil NaOH}} H_3C-\overset{OH}{\underset{ }{CH}}-CH_2-CHO \xrightarrow{\Delta} CH_3-CH=CHCHO$
21.	Cannizzaro	$HCHO + HCHO \xrightarrow{\text{Conc. NaOH}} HCOONa + H_3C-OH$
22.	Hell-Volhard-Zelinsky (HVZ)	
23.	Hoffmann bromamide degradation	

CHEMISTRY

24.	<i>Carbylamine</i>	$\text{R-NH}_2 + \text{CHCl}_3 + 3 \text{KOH} \xrightarrow{\Delta} \text{R-NC} + 3 \text{KCl} + 3 \text{H}_2\text{O}$
25.	<i>Diazo</i>	
26.	<i>Sandmeyer</i>	
27.	<i>Gatterman</i>	
28.	<i>Coupling</i>	