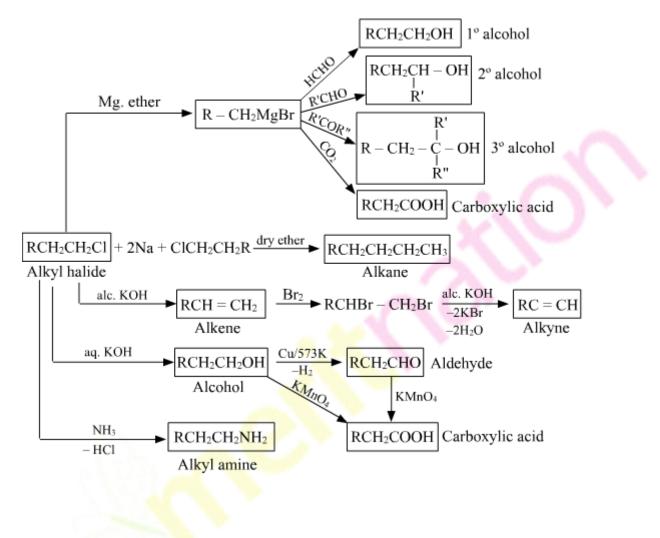
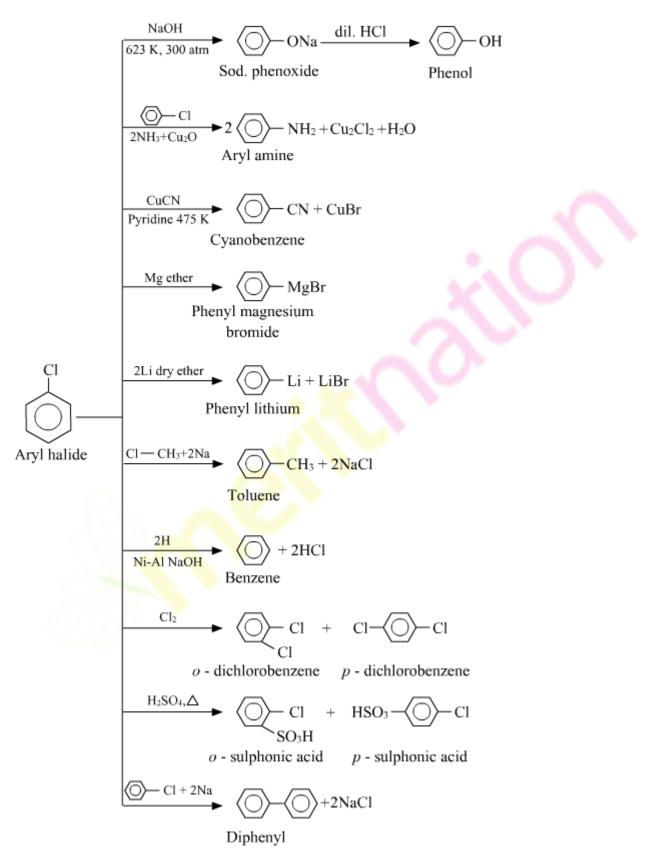
CONVERSION SCHEMES IN ORGANIC CHEMISTRY

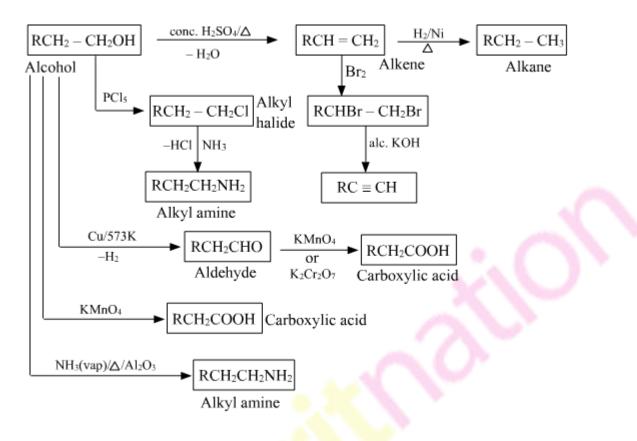
SCHEME – I: Conversions related to alkyl halides



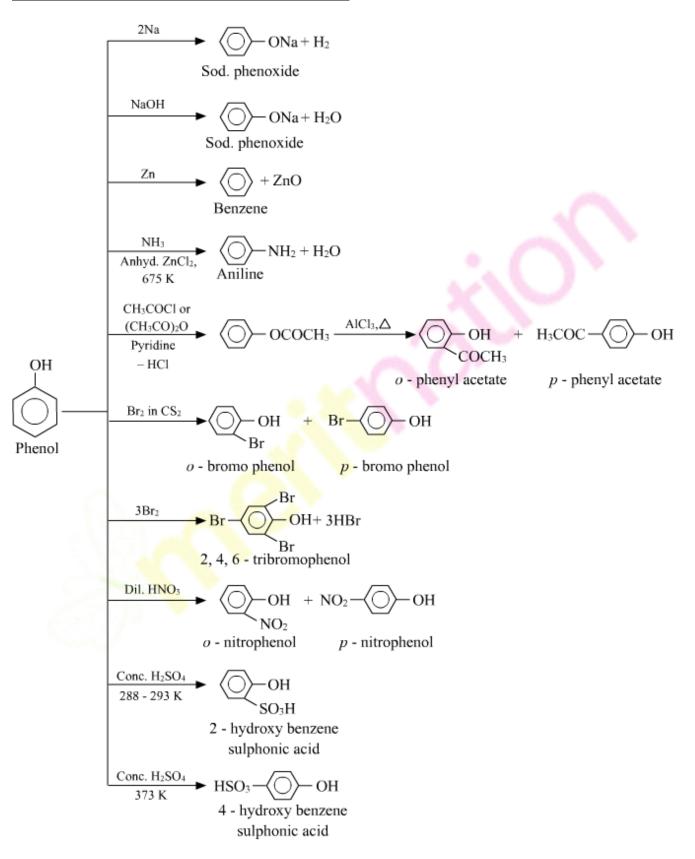
SCHEME – II: Conversions related to aryl halides



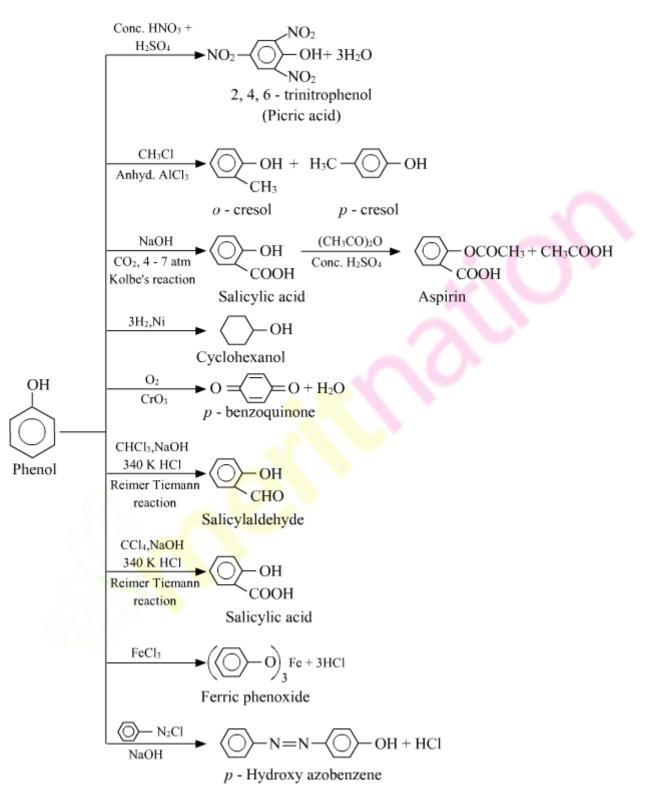
<u>SCHEME – III: Conversions related to alcohols</u>



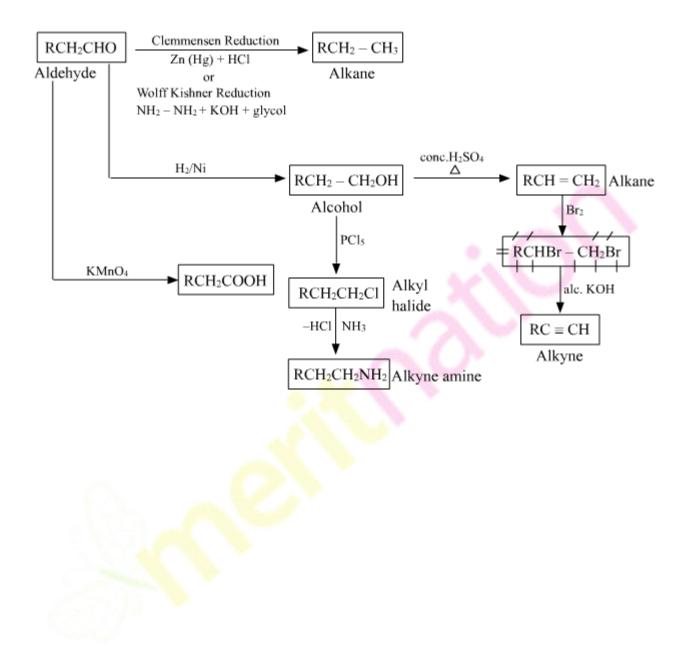
SCHEME – IV: Conversion related to phenols – I



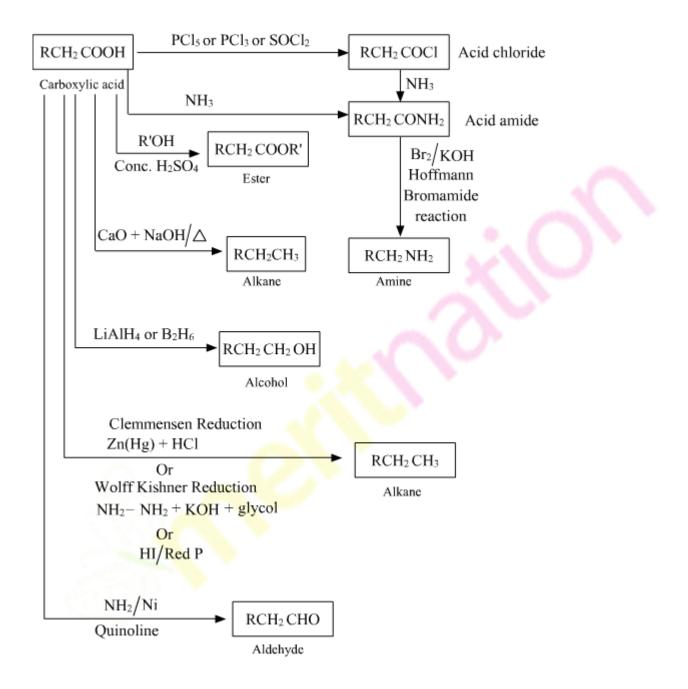
SCHEME – V: Conversion related to phenols – II



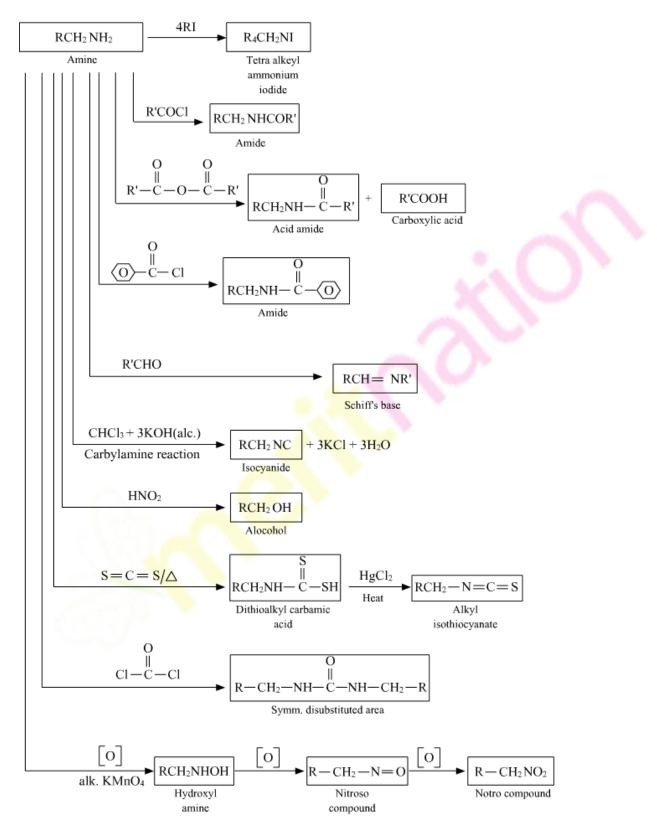
<u>SCHEME – VI: Conversion related to aldehydes</u>



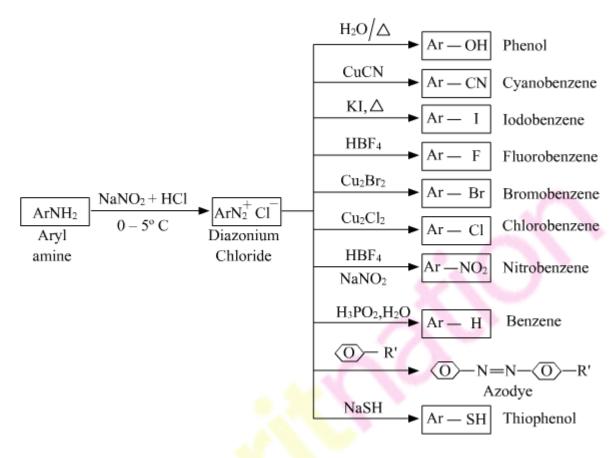
SCHEME - VI: Conversion related to carboxylic acids











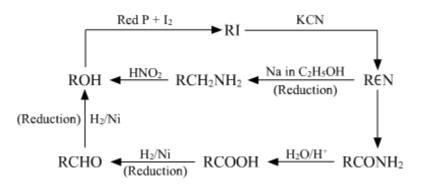
ASCENDING SERIES

(1) By Wurtz Reaction

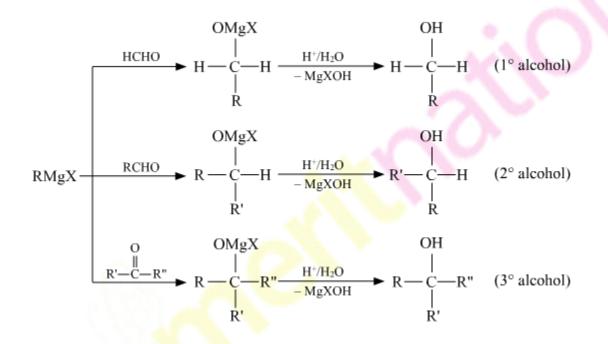
R - X + 2Na + X - R Dry ether R - R + 2NaX

R - X + 2Na + X - R' Dry ether R - R' + 2NaX

(2) By Using Cyanide



(3) By using Grignard's Reagent



meritnation

(4) By using Sodium Alkylnides

 $R - X + NaC \equiv C - R \longrightarrow R - C \equiv C - R + NaX$

This reaction is used for terminal alkynes.



DESCENT OF SERIES

(1) Hoffmann Bromamide reaction

