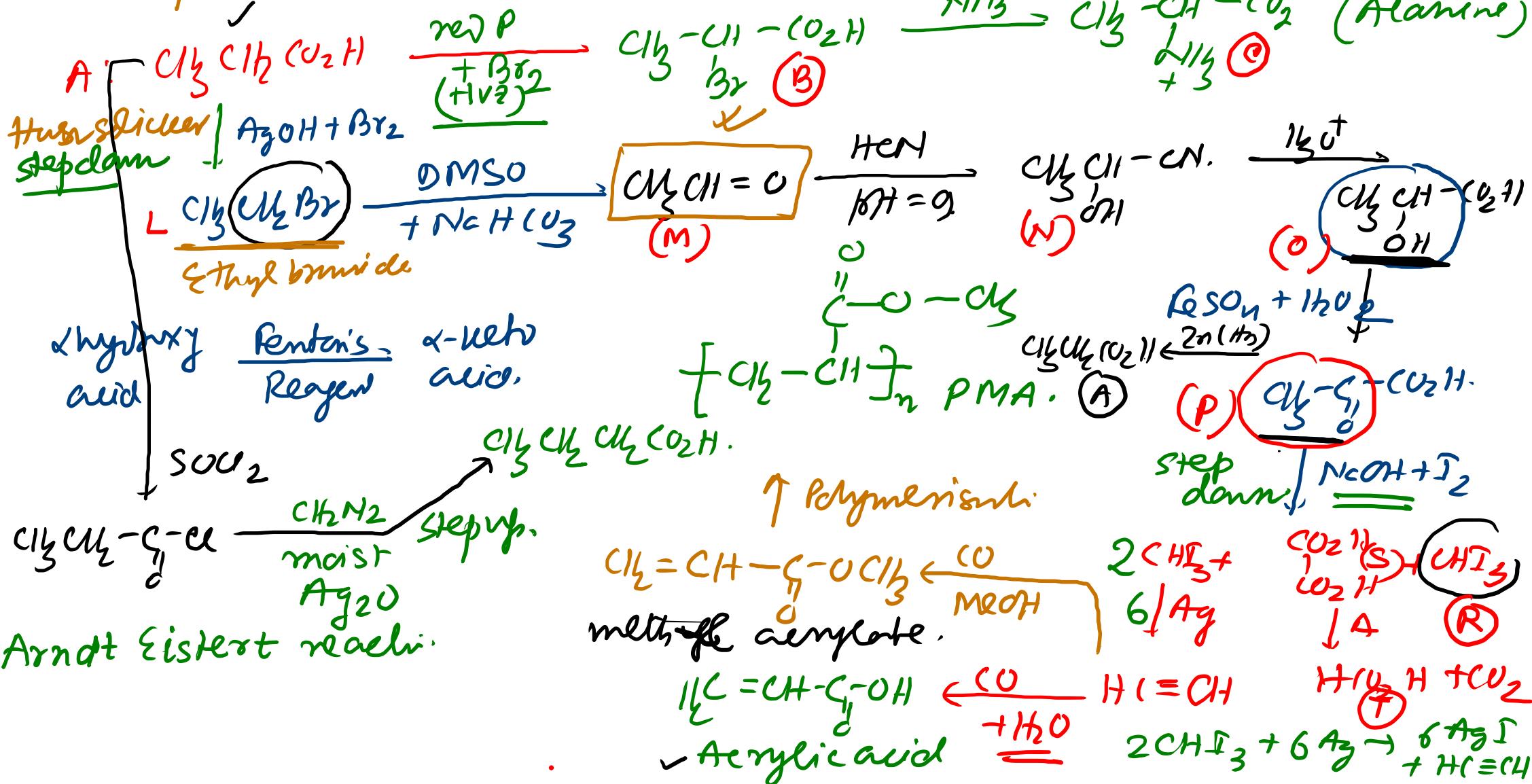
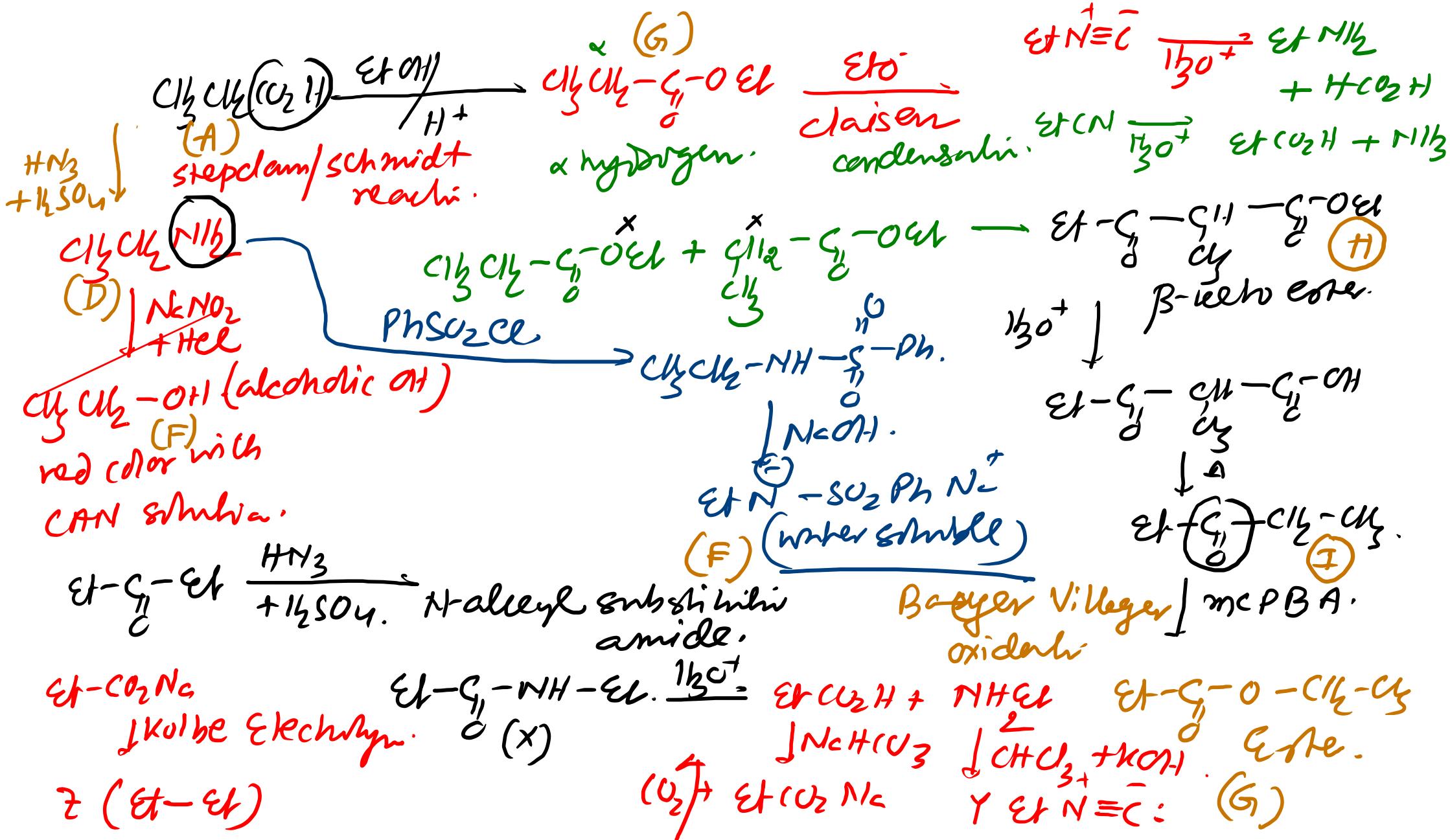


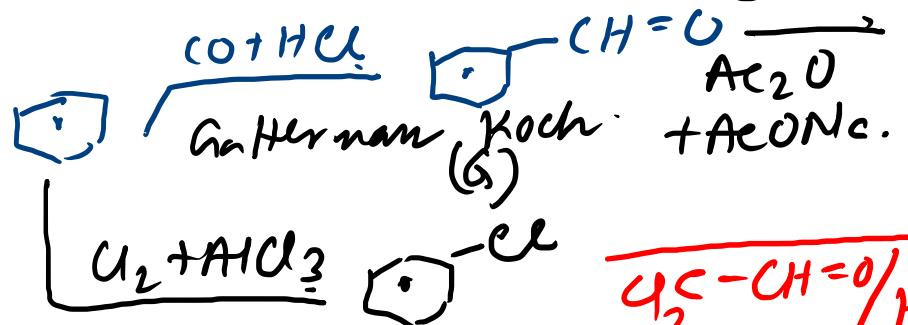
Propanoic acid.

Roadmap-11:

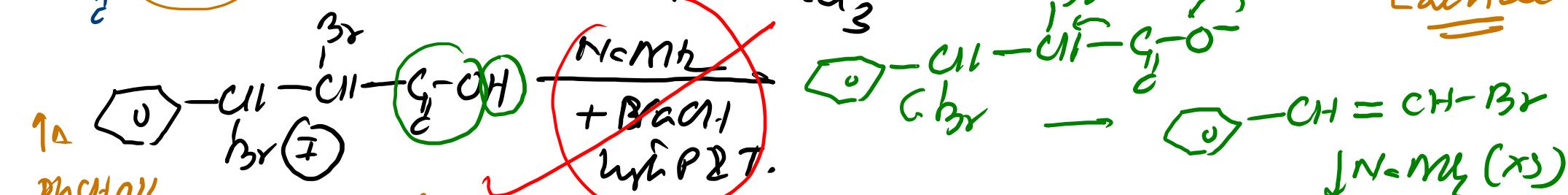
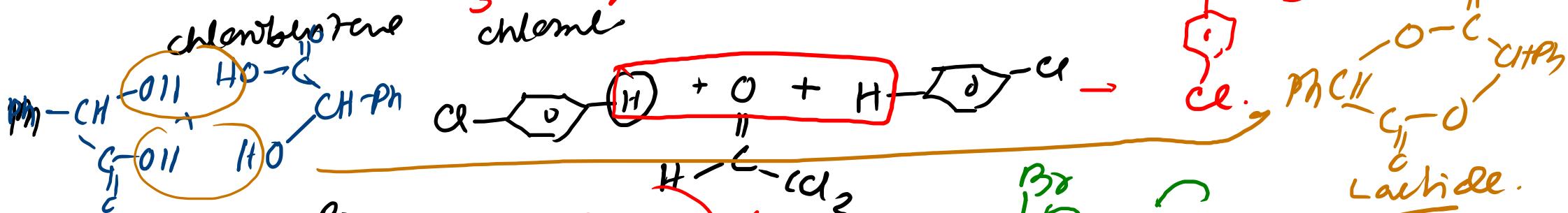
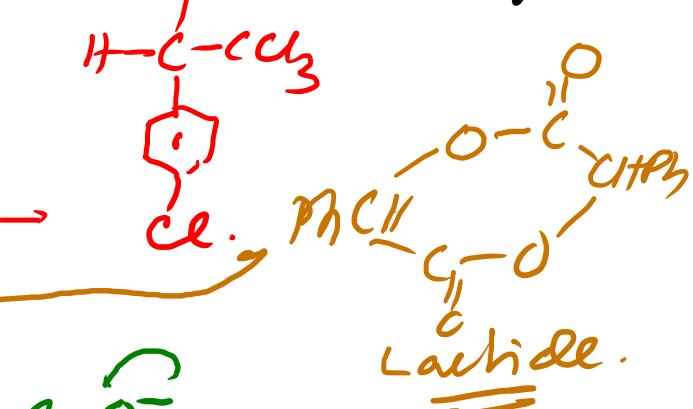
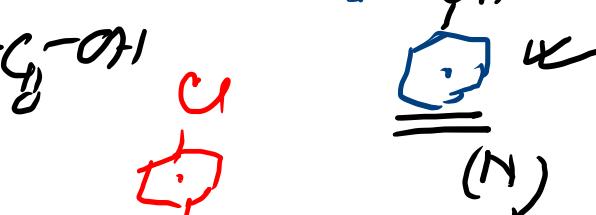
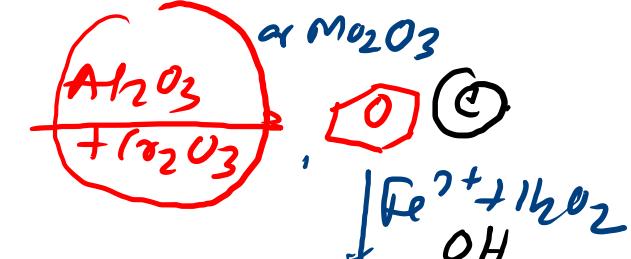




Roadmap - 12:



(B)





Benzene hexachloride (Nonaromatic)

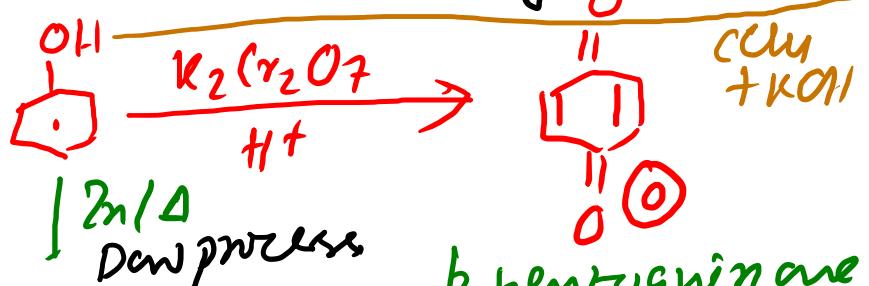
Ans: 7 g I.

6 g I open.

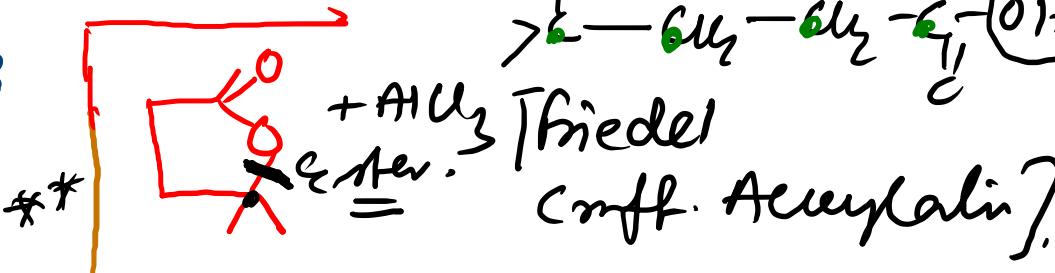
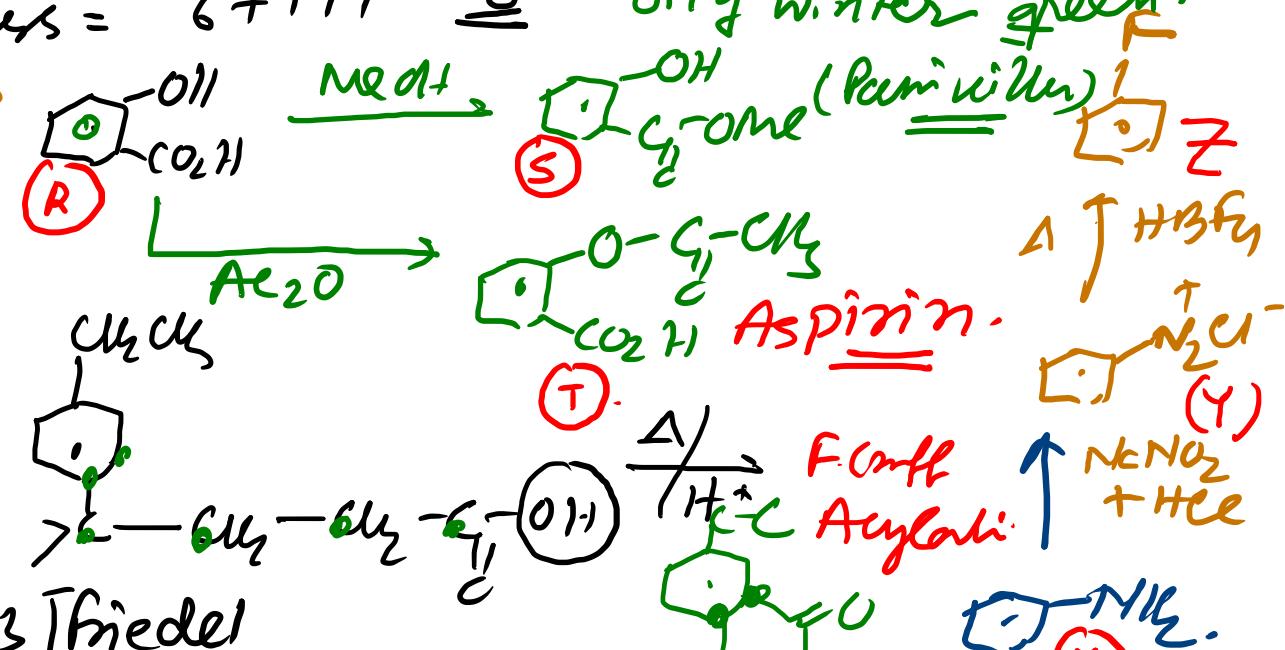
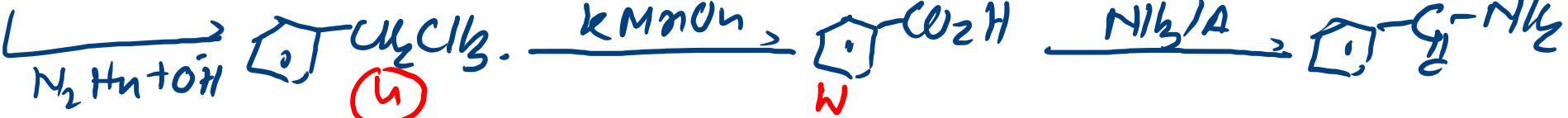
1 g I
open air

$C_6H_6Cl_6$ [Lindane; 666; Gammaresene. BHC]

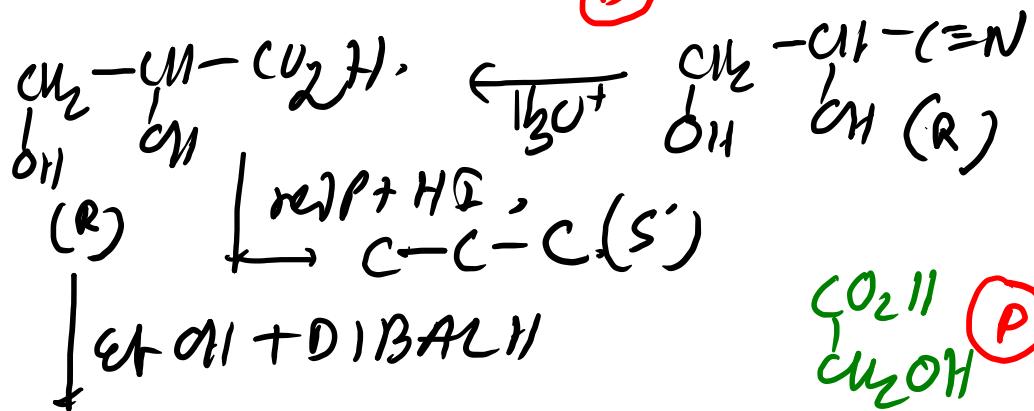
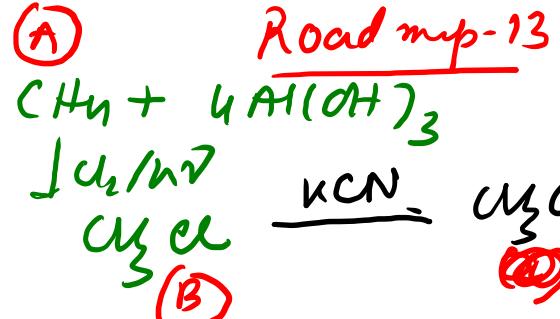
Total no. of stereoisomers = $6+1+1 = 8$. Oil winter green F.



β -benzoquinone
DOH = 5.



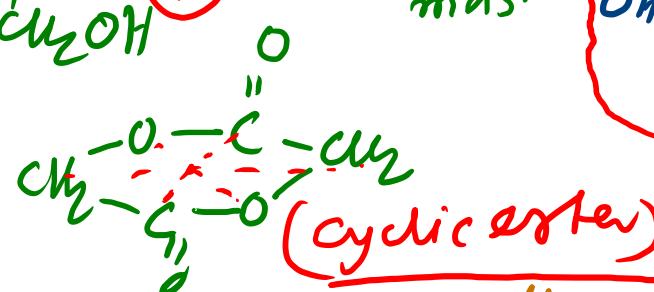
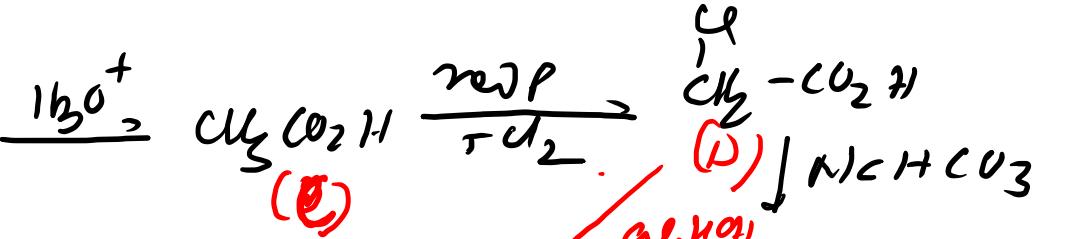
-4.



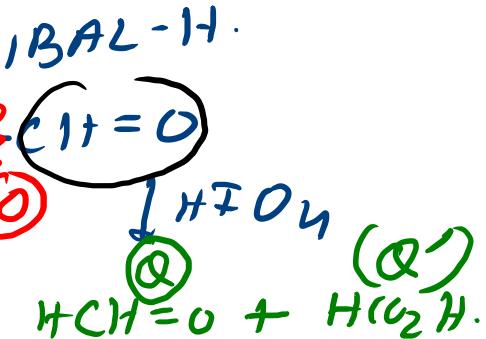
* $\text{CH}=\text{O}$ [Aldohiose].



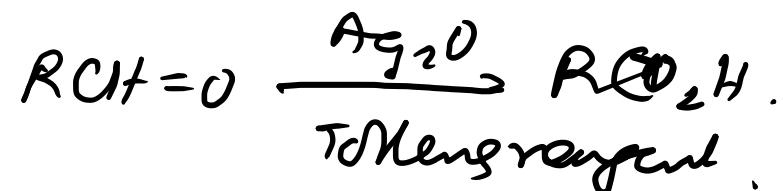
Tollen's: $\text{Ag(NH}_3)_2^+$ or Ag_2O

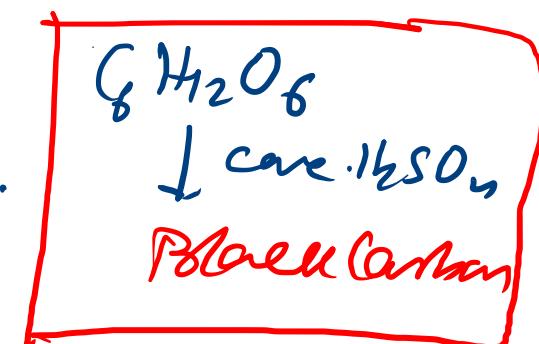
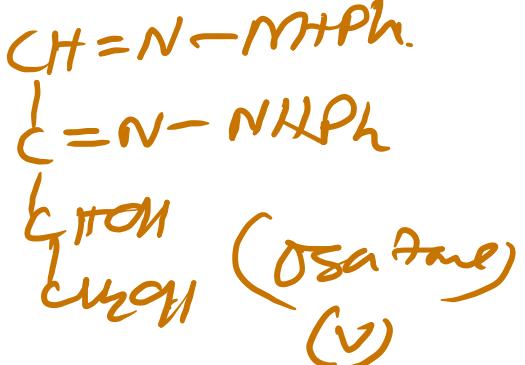
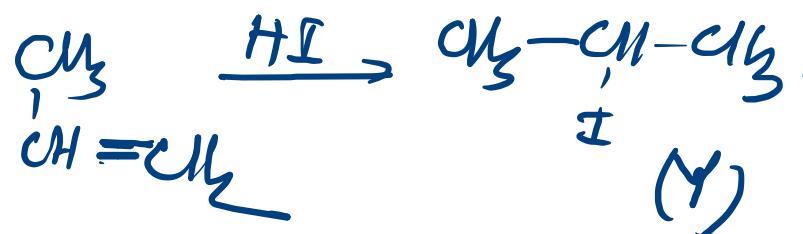
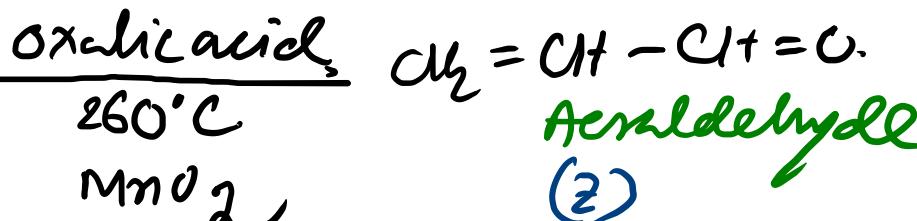
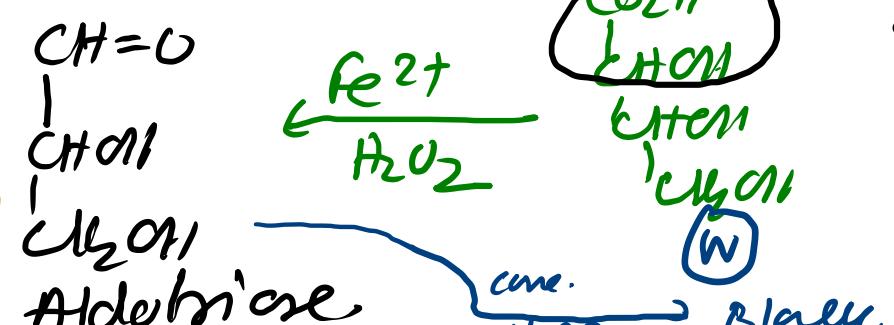
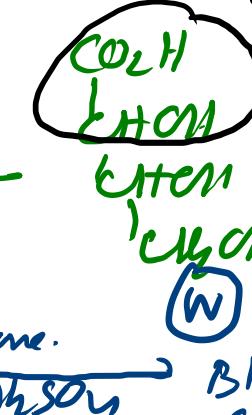
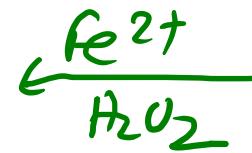
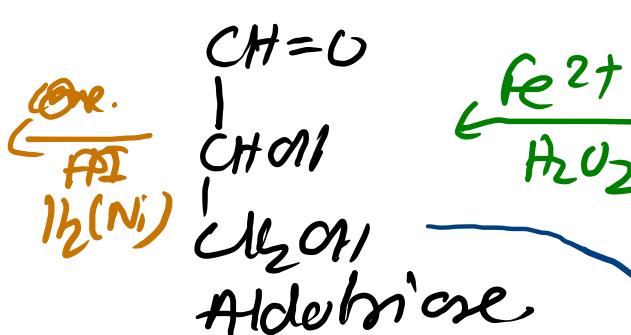
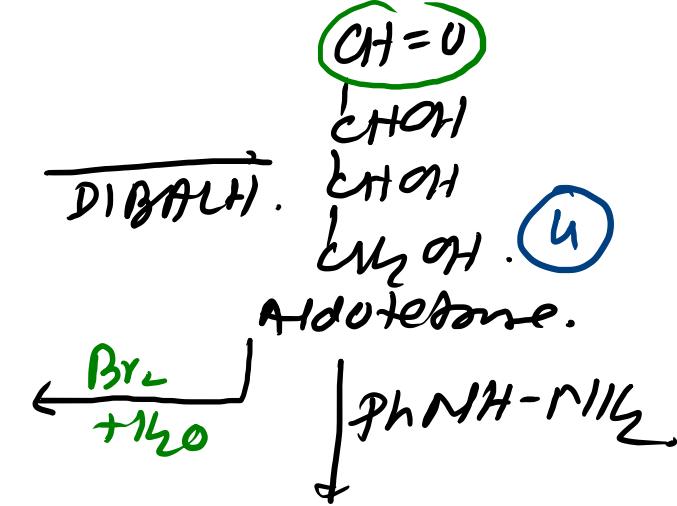
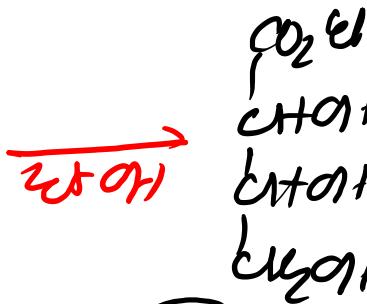
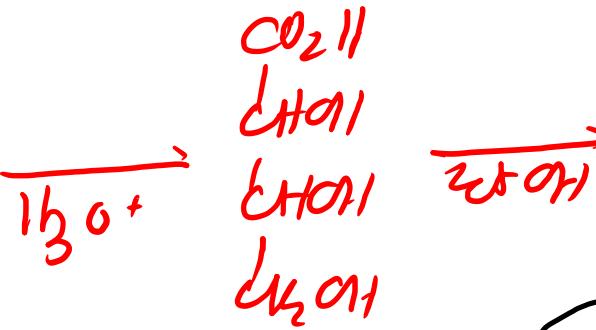
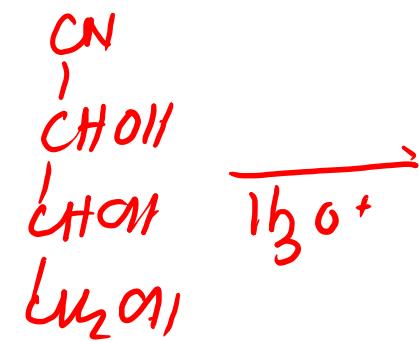
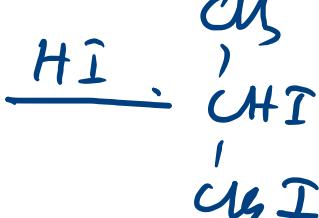
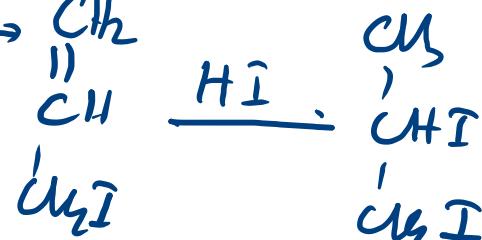
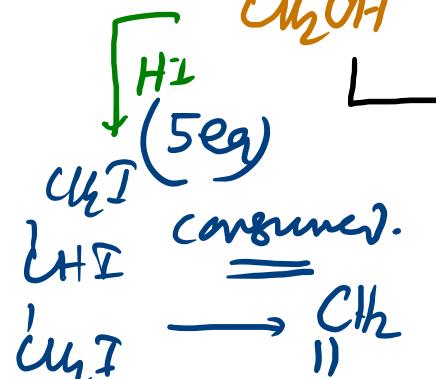
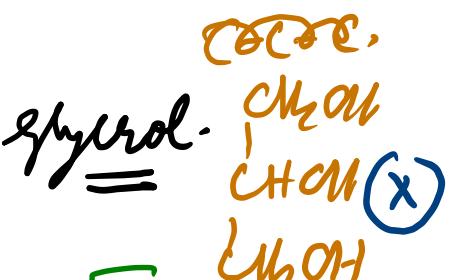
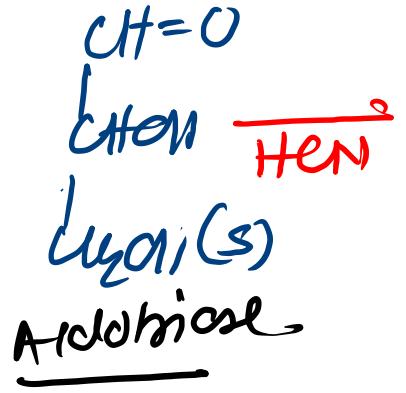


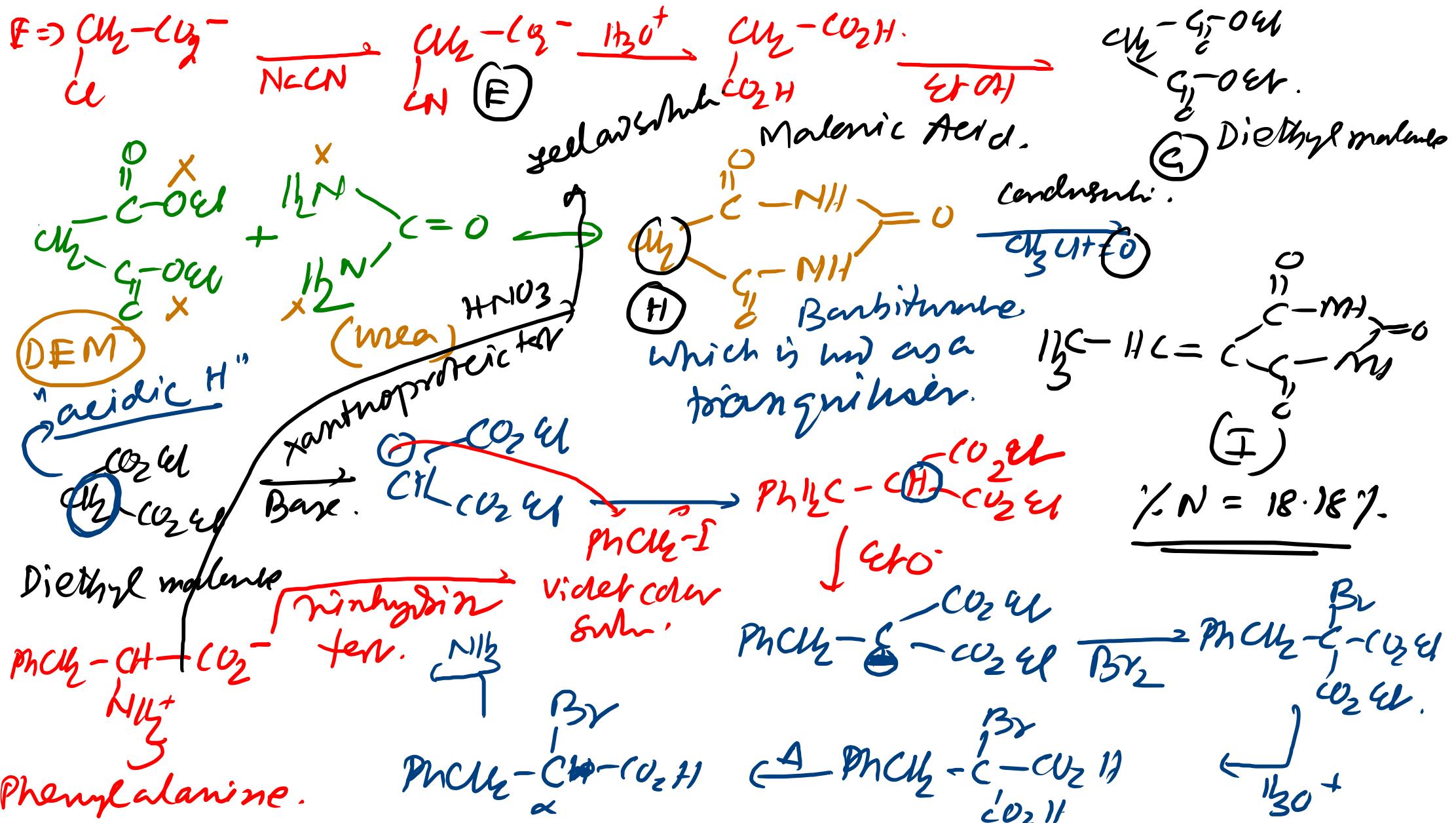
optically inactive
because COS is present.



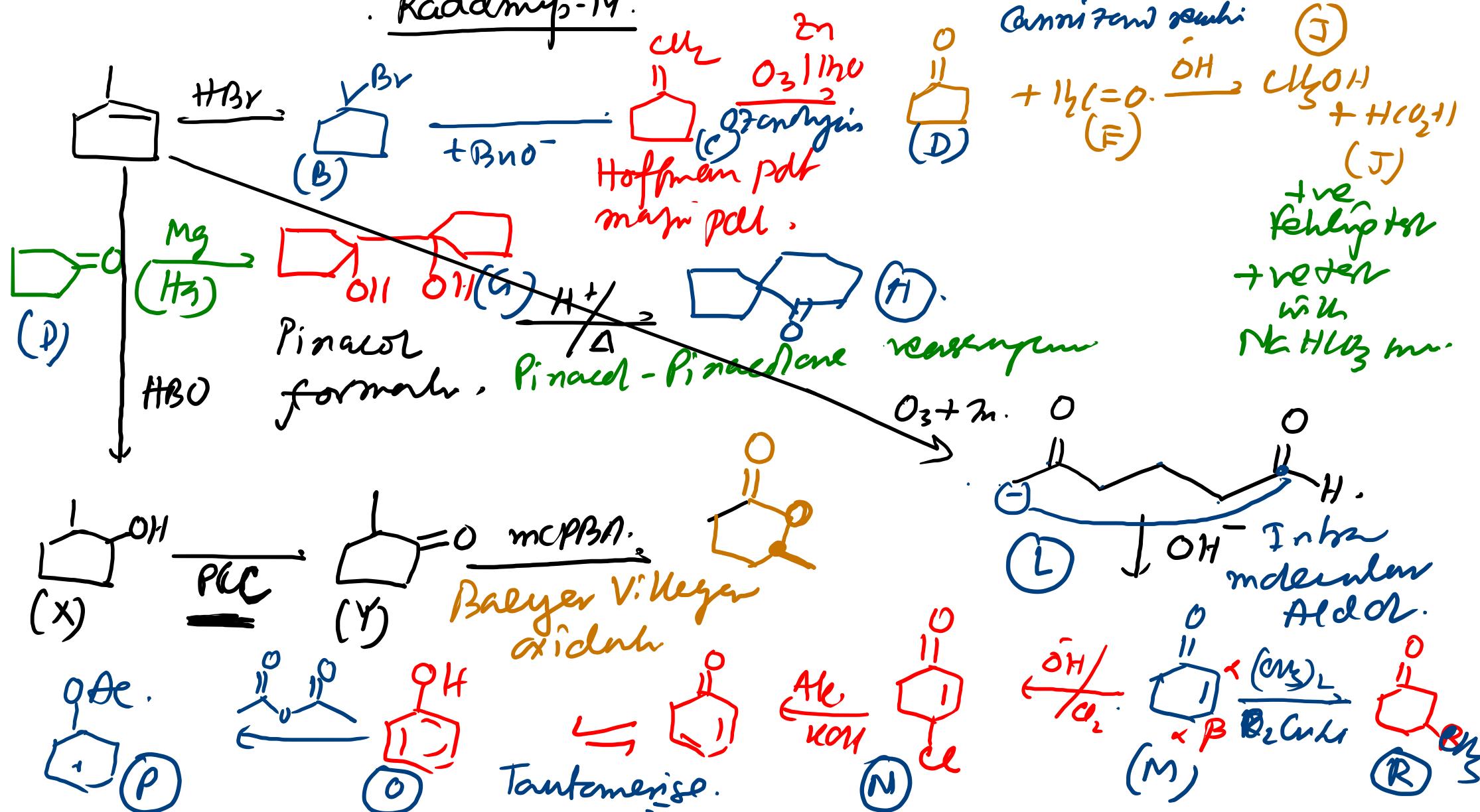
BP Q' > Q.







Raadmap - 14:



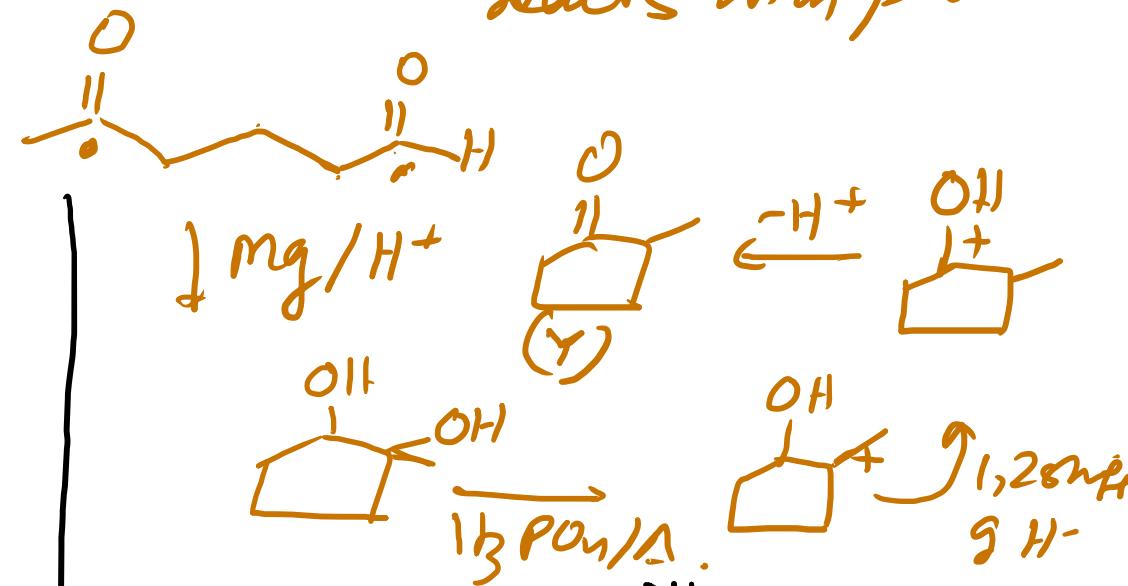
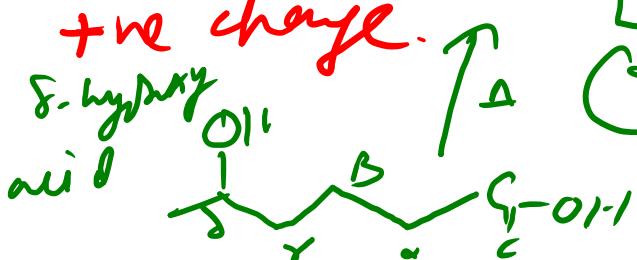
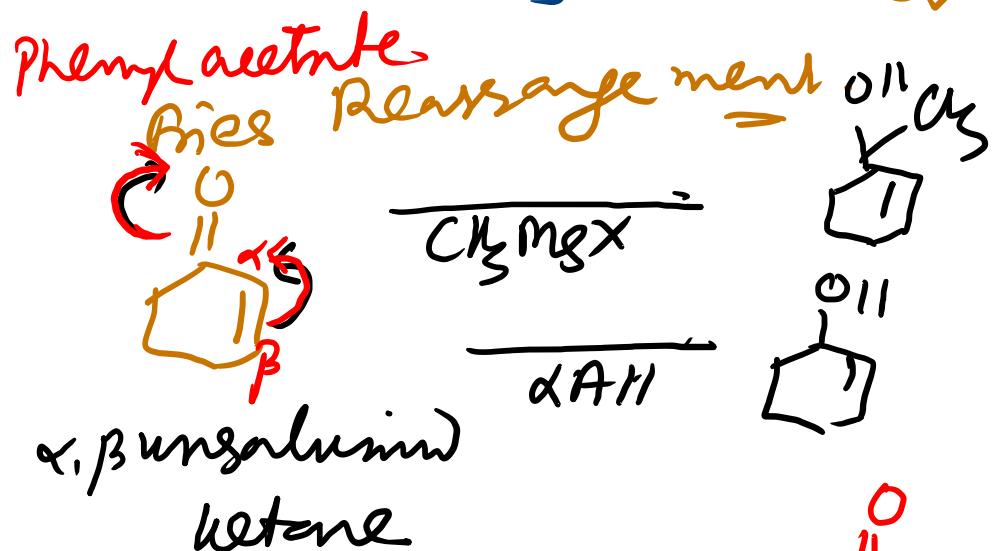


α, β -unsaturated ketone

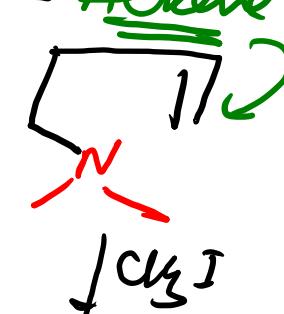
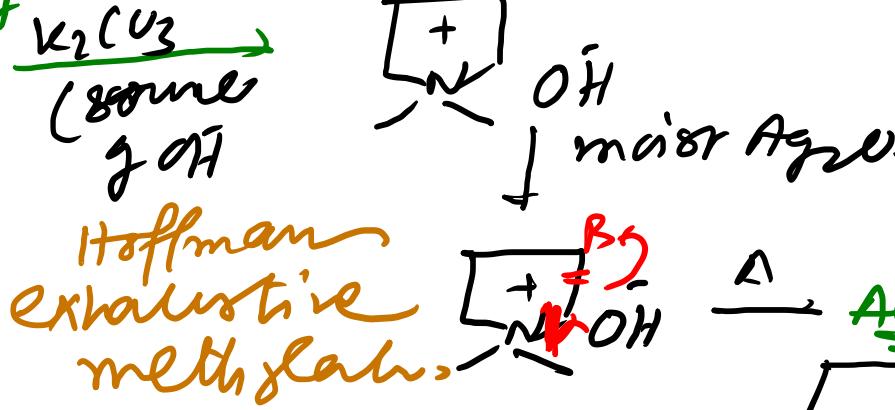
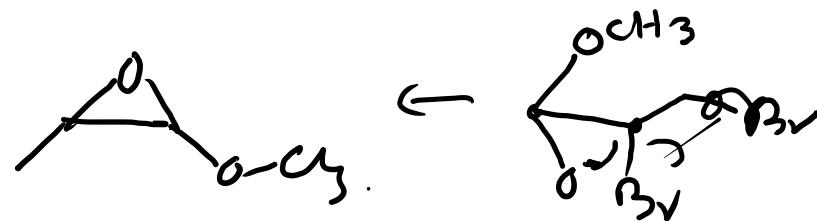
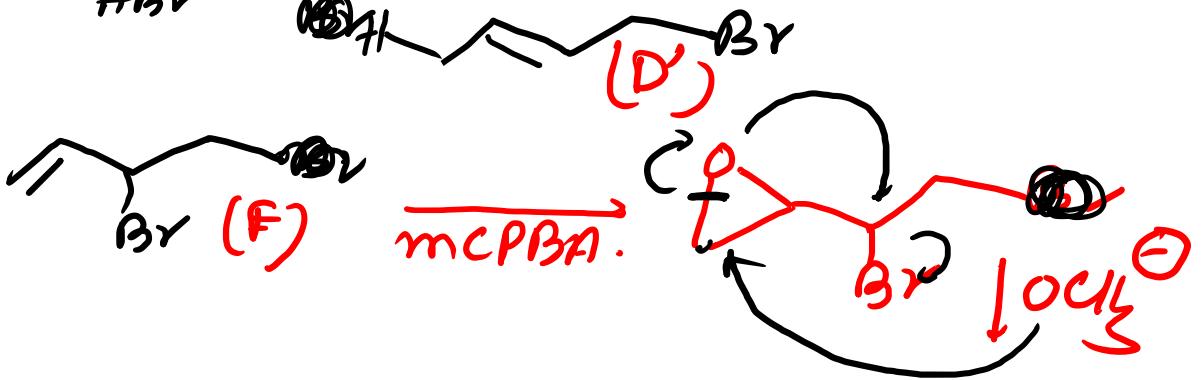
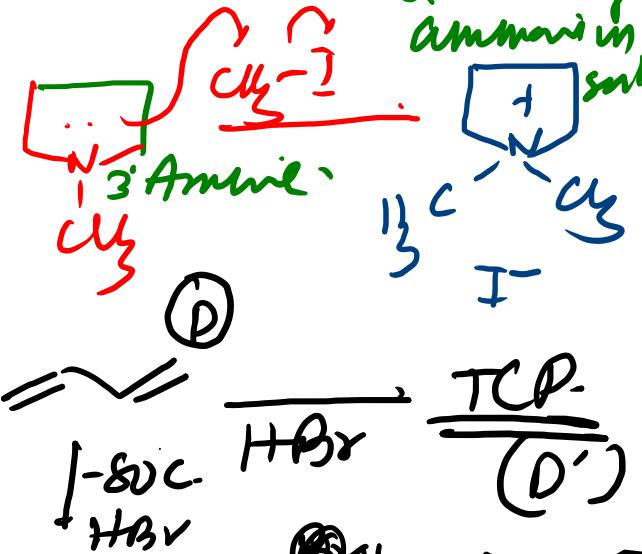
carbonyl carbon
 $\alpha\text{H} / \text{Rmgox.}$

Beta carbon

rest all nucleophile
reacts with β -carbon



Roadmap-15.



D. Acadiene

Next day:
Papers - of all
reader
Score papers.
Discussion.
half an hr.
"Priority"

