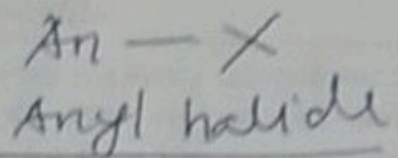
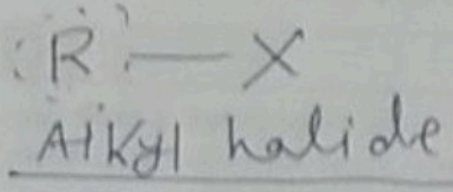
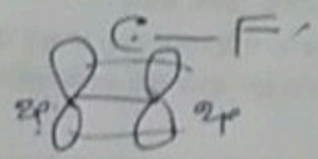
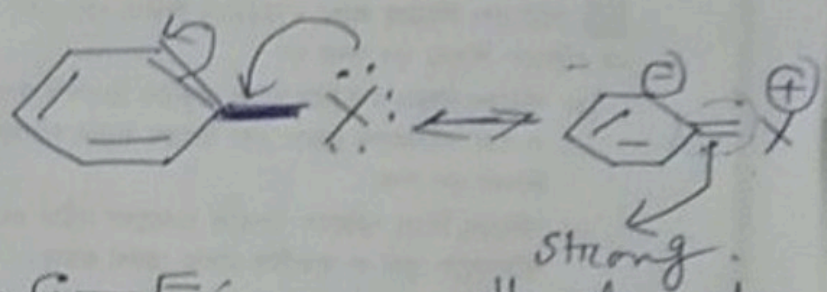
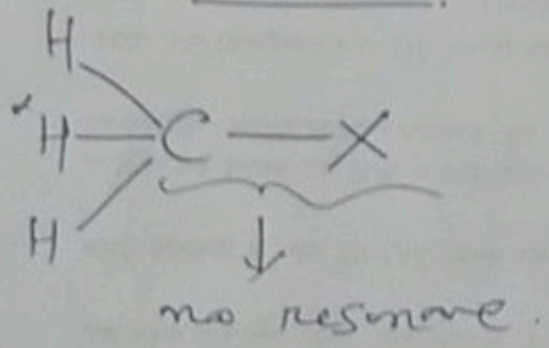
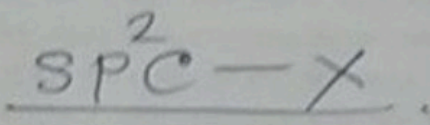


2nd Year

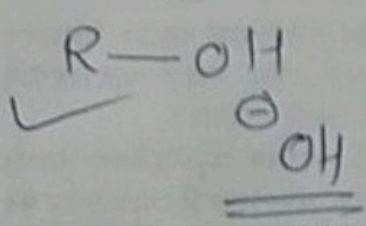
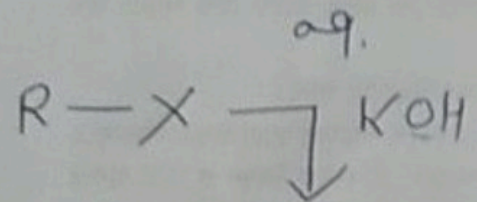
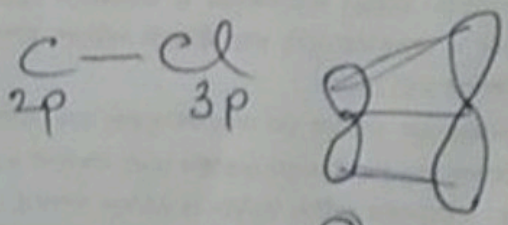
Alkyl halide \rightarrow Haloalkane
 Aryl halide \rightarrow Halo arene.



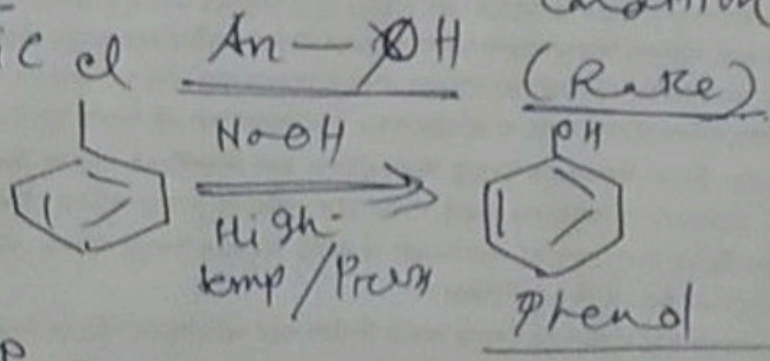
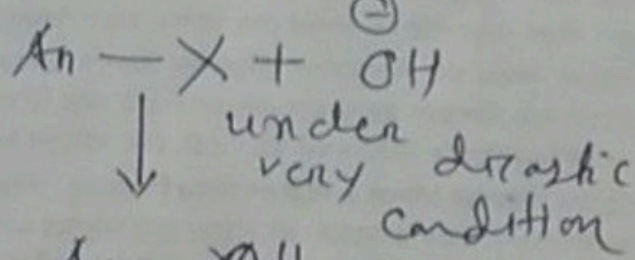
R = aliphatic
 on sp^3C



($F > Cl > Br > I$)

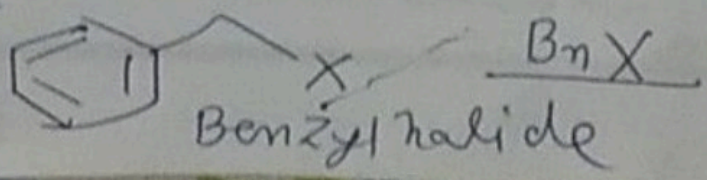


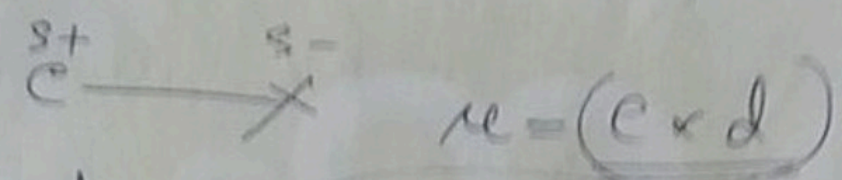
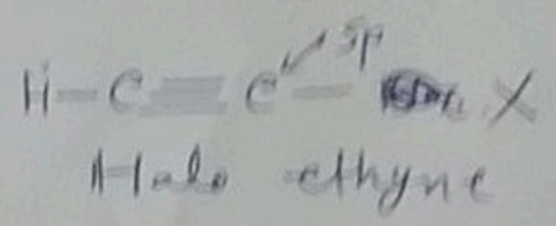
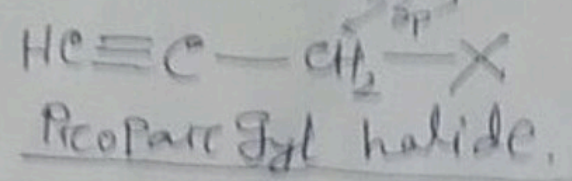
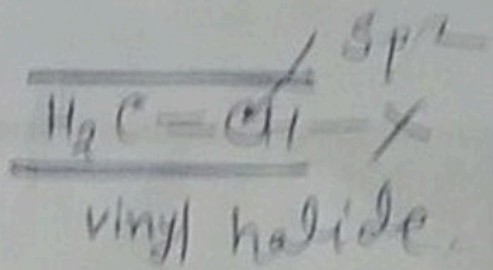
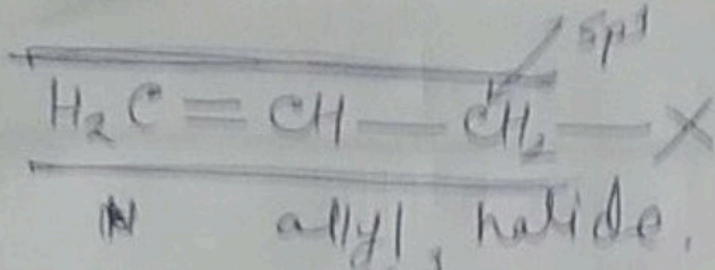
nucleophilic cl



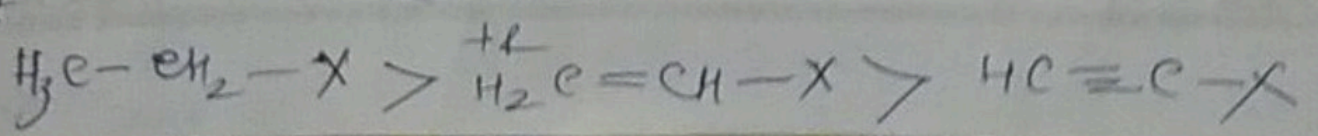
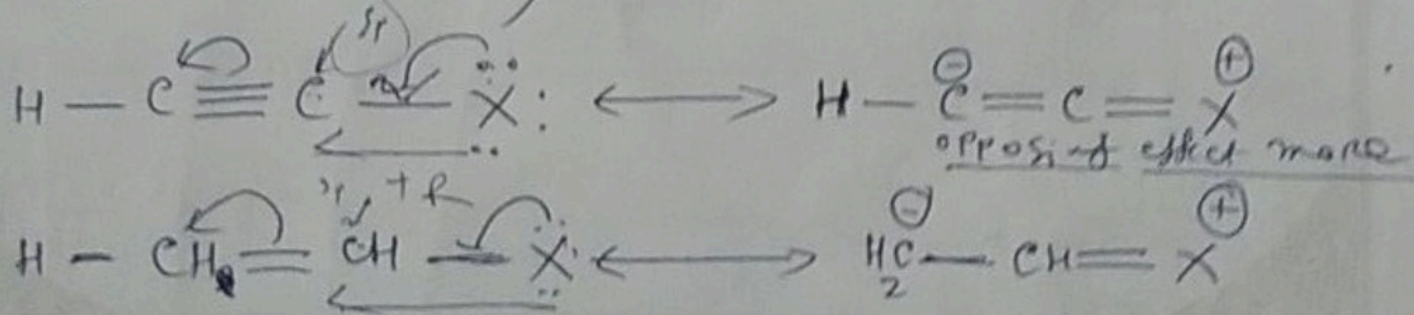
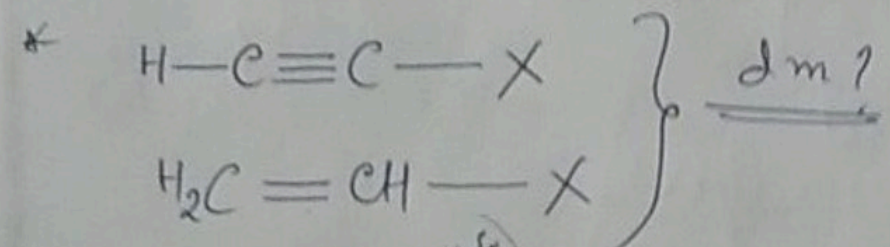
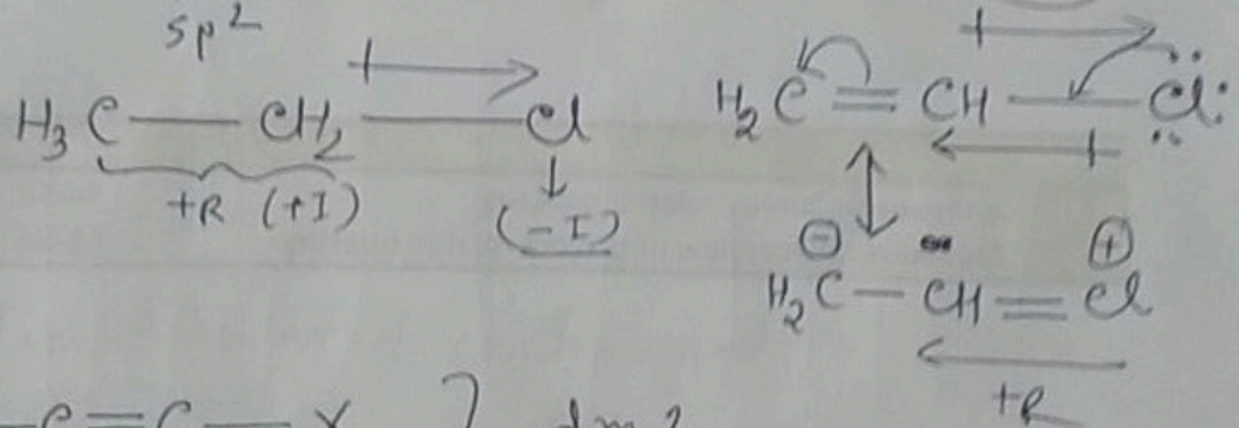
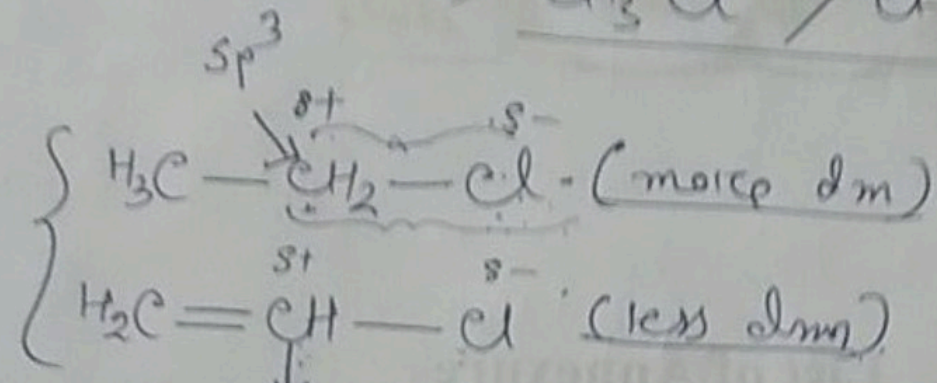
* aliphatic halogen comp.

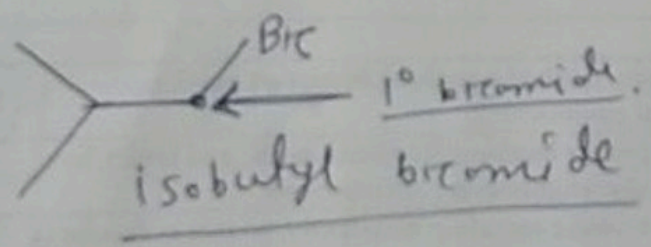
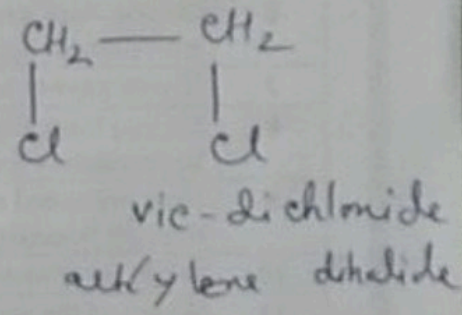
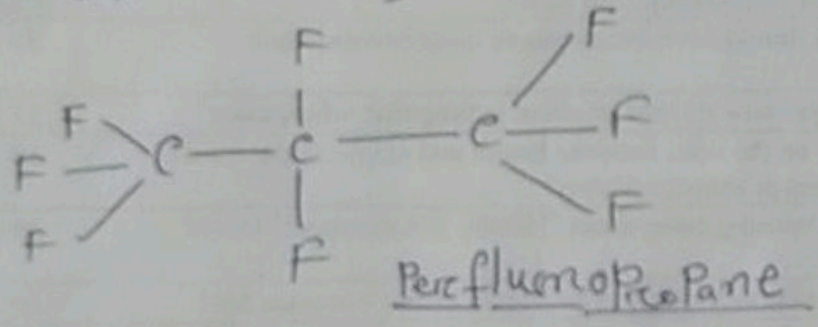
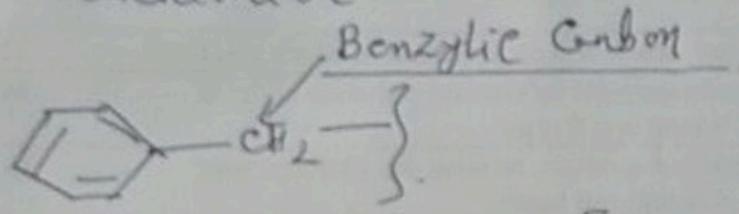
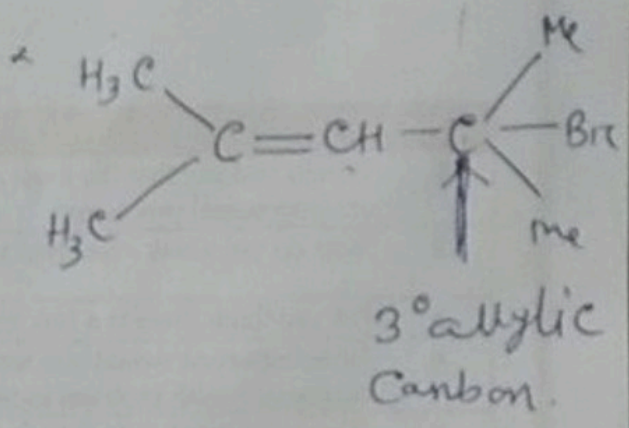
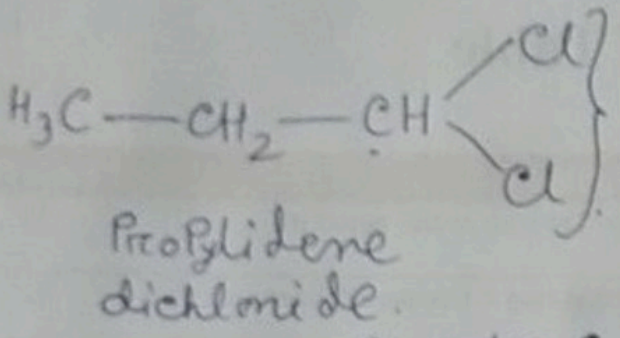
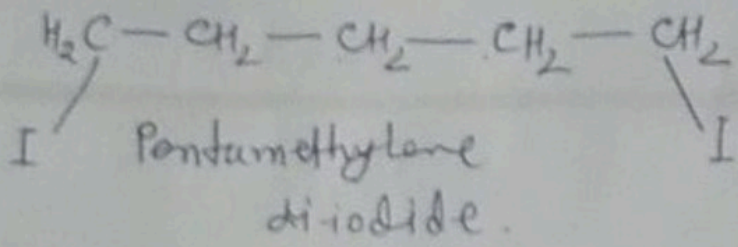
other example.



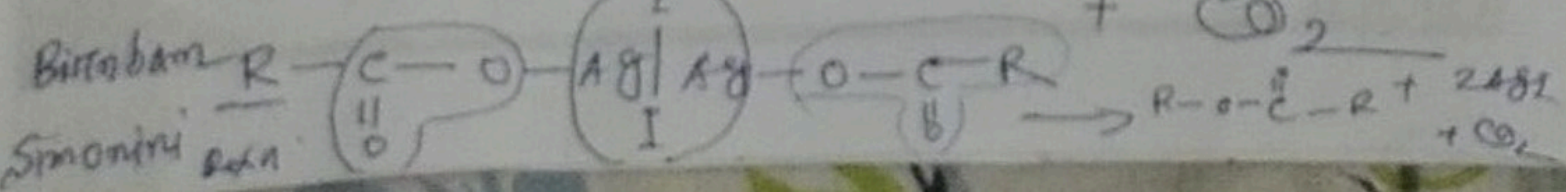
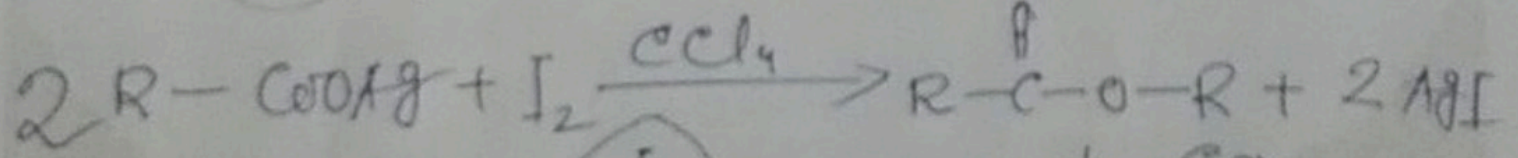
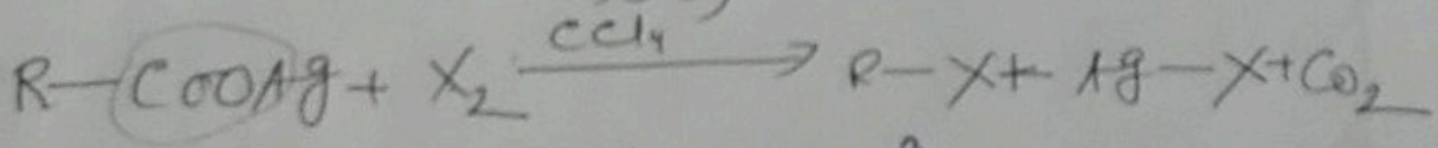
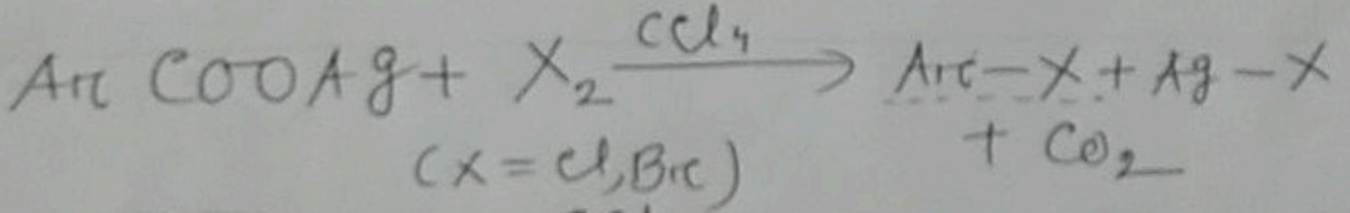


* dm order \rightarrow $\text{CH}_3\text{Cl} > \text{CF}_3\text{F} > \text{CF}_3\text{Br} > \text{CH}_3\text{I}$

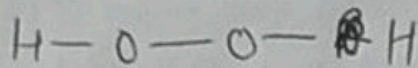
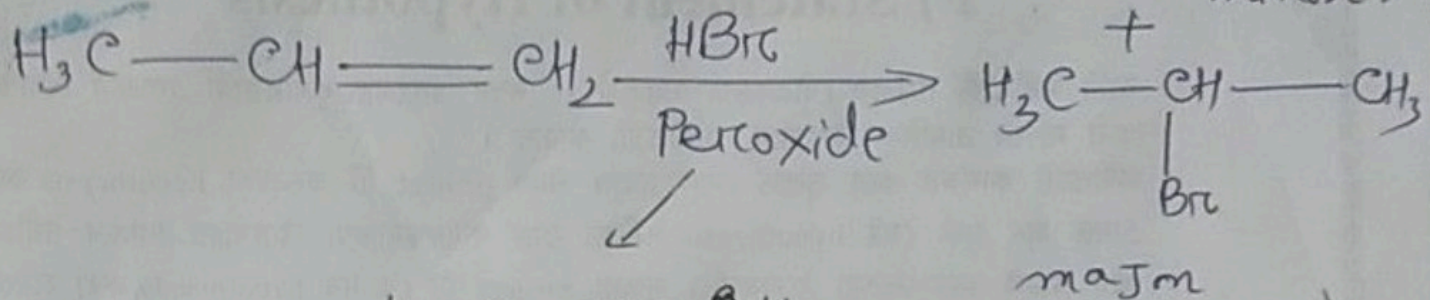




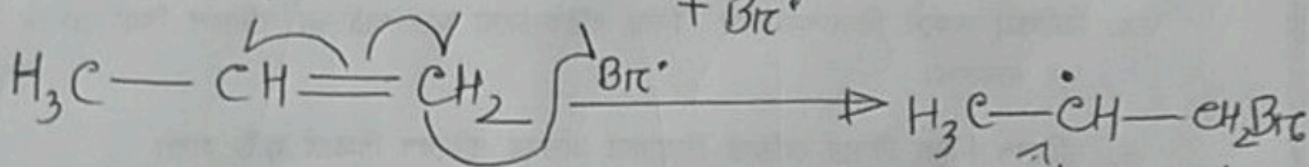
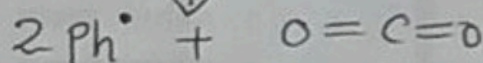
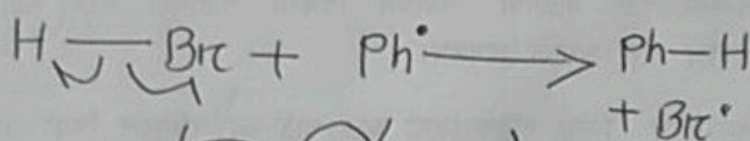
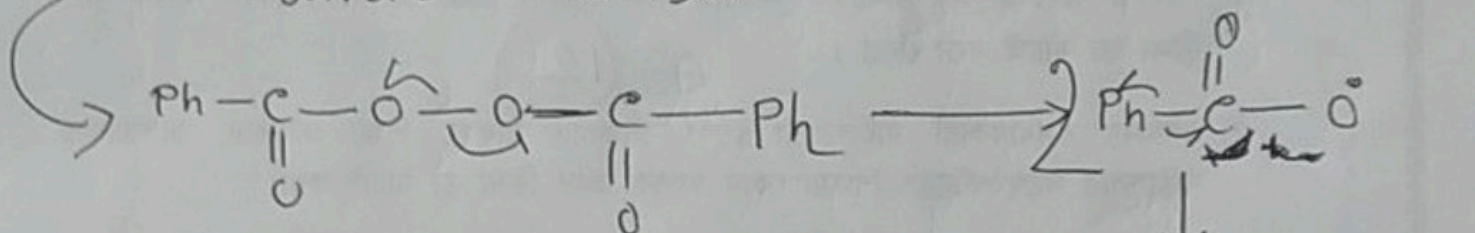
Hunsdiecker decarboxylation rxn



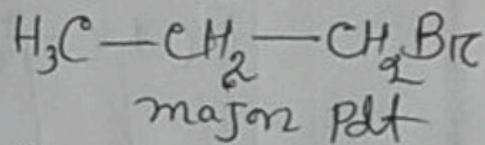
Peroxide effect
Kharasch effect



organic peroxide.



2° radical (more stable)



(Anti Markovnikov pdt).

