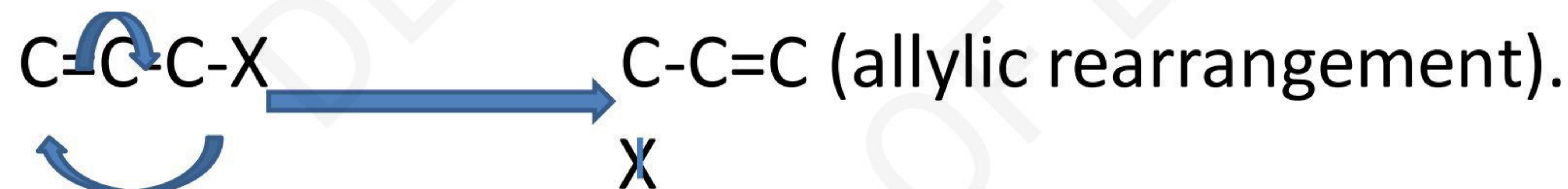


# ALLYLIC REARRANGEMENT

[DEPTH OF BIOLOGY]

- When any substituent or functional group attach to  $\alpha$  (alpha) carbon it is known as allylic compound.



If there is migration of =bond or functional group then it is called allylic rearrangement

## **MECHANISM**

[DEPTH OF BIOLOGY]

In  $\text{S}_{\text{N}}2$  mechanism, intermediate compound is formed  
But shifting of charge doesn't takes place



# MECHANISM

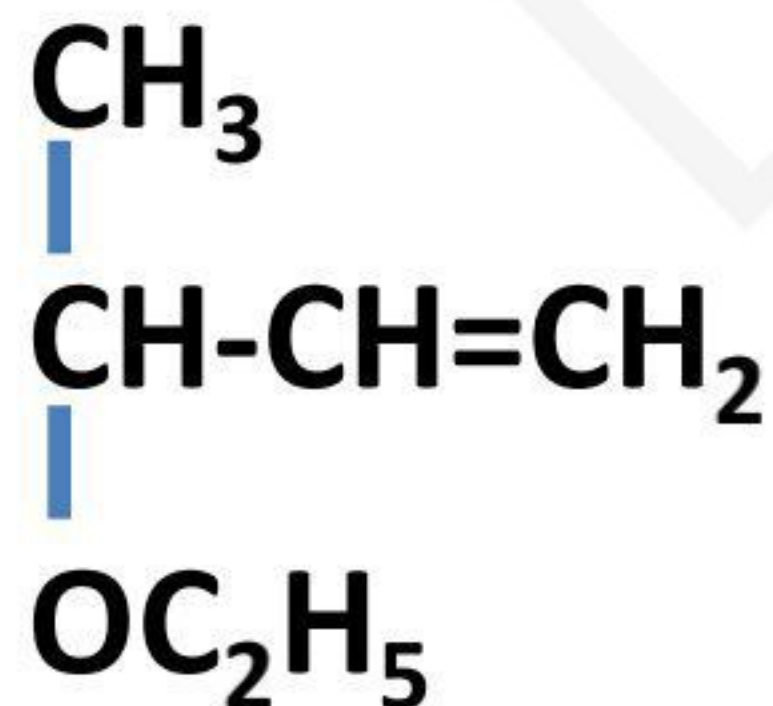
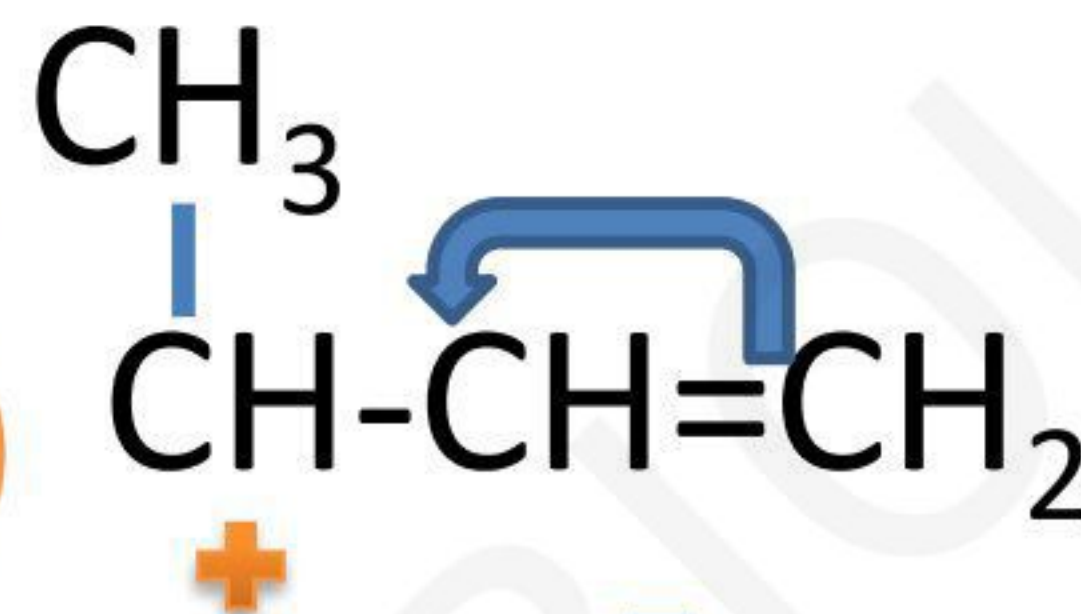
[DEPTH OF BIOLOGY]

SN1:



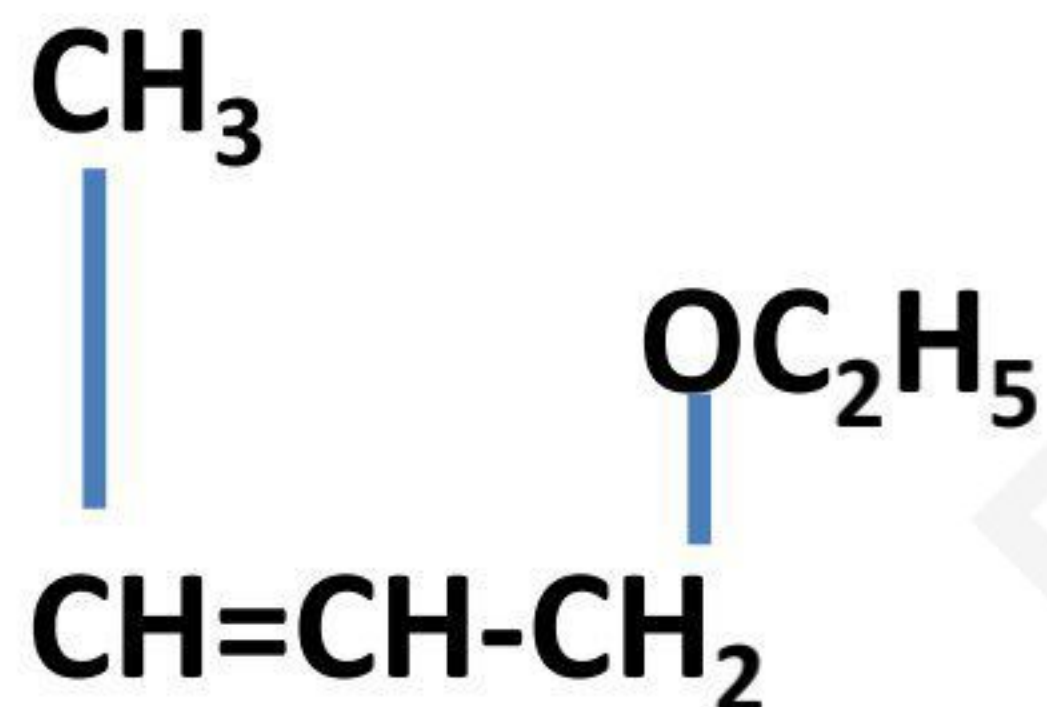
$\alpha$  methyl allyl chloride

Salvolysis  
with ethyl  
alcohol



$\text{C}_2\text{H}_5\text{OH}$

[DEPTH OF BIOLOGY]



+HCl

