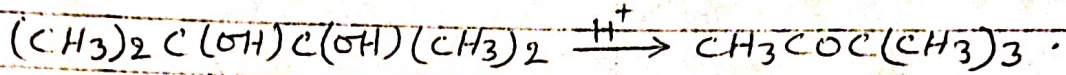
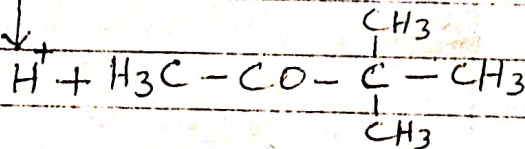
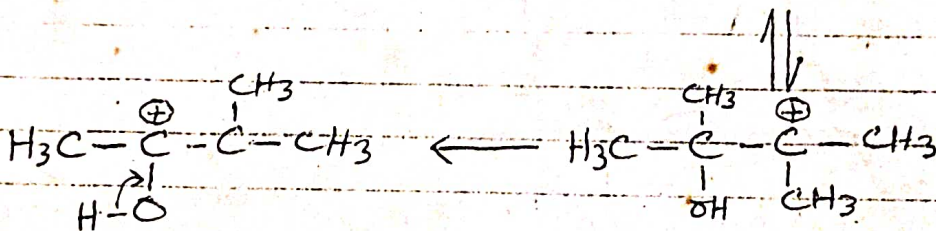
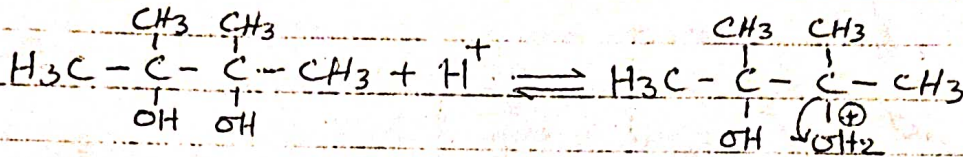


# ① PINACOL-PINACOLONE-REARRANGEMENT

When pinacol or pinacol hydrate is distilled with  $H_2SO_4$  acid it is rearranged to pinacolone and the reaction is known as Pinacol-Pinacolone rearrangement.

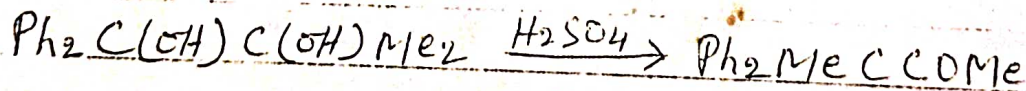


## MECHANISM :->



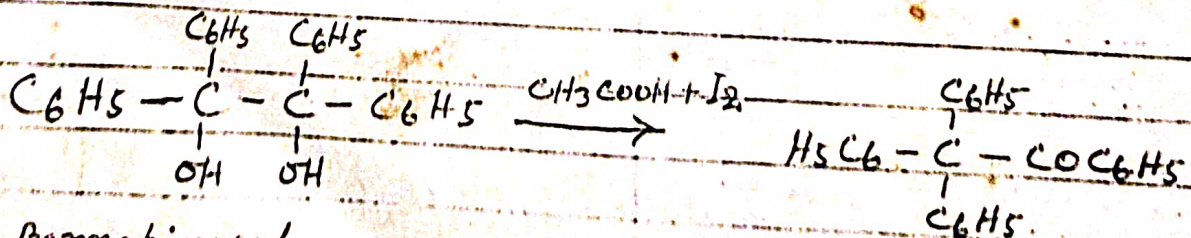
## USES :->

- (1) In the preparation of 1-methyl 1,1 diaryl acetone from unsymmetrical pinacol.



1-methyl, 1,1 diaryl acetone.

- (2) In the preparation of Benzopinacolone (Symmetrical Pinacol also under go this rearrangement).



Benzopinacol

Benzopinacolone.