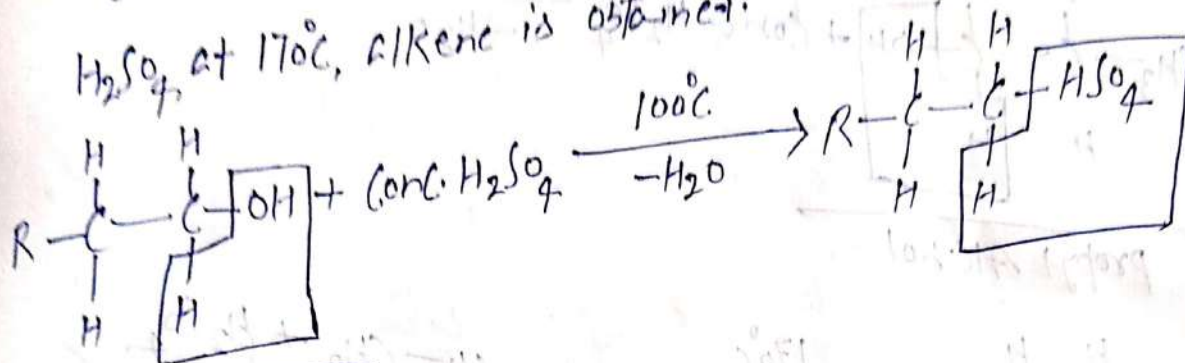


③

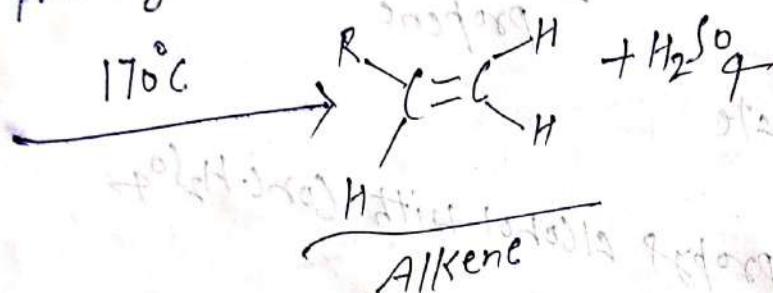
preparation of Alkene

① By dehydration of primary alcohol with concentrated

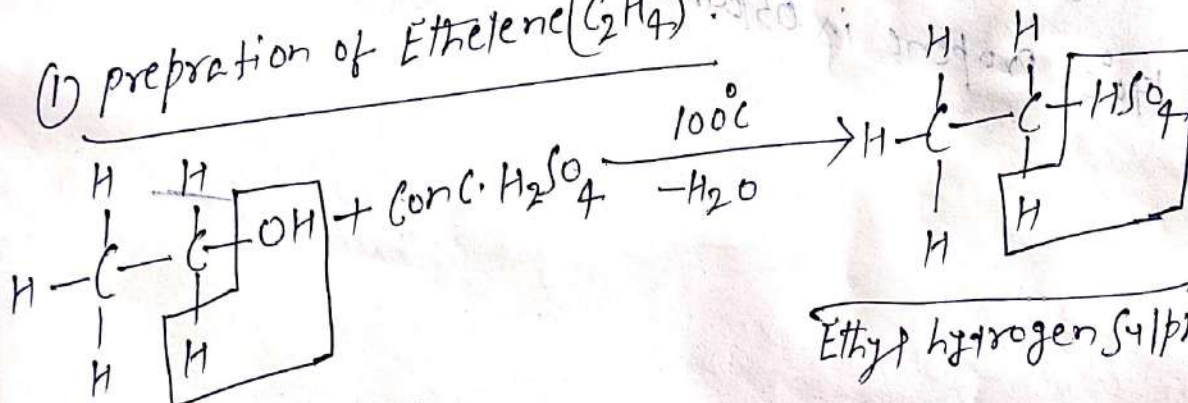
H_2SO_4 at $170^\circ C$, alkene is obtained.



primary alcohol

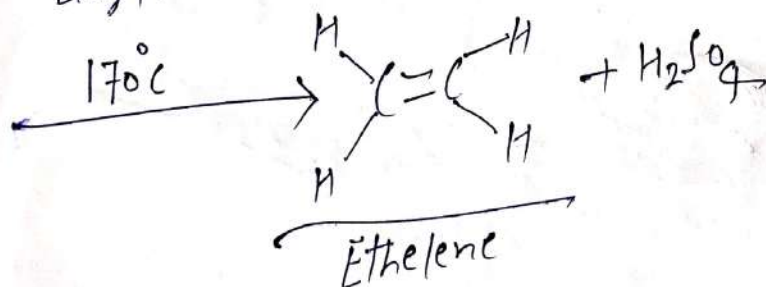


① preparation of Ethylene (C_2H_4)



Ethyl hydrogen Sulphate

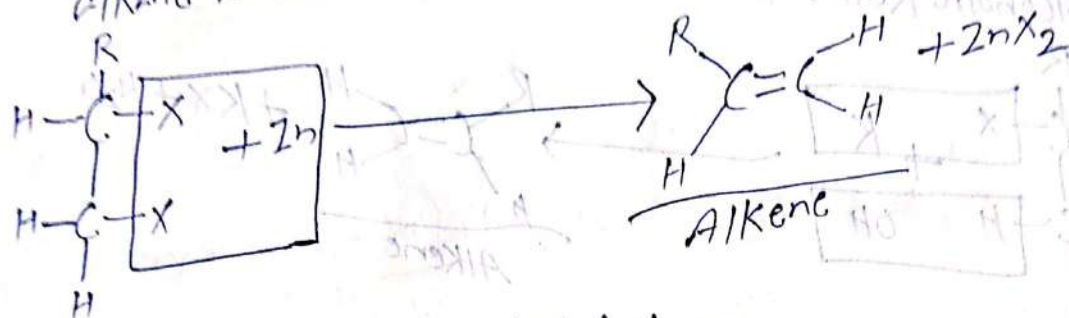
Ethyl Alcohol



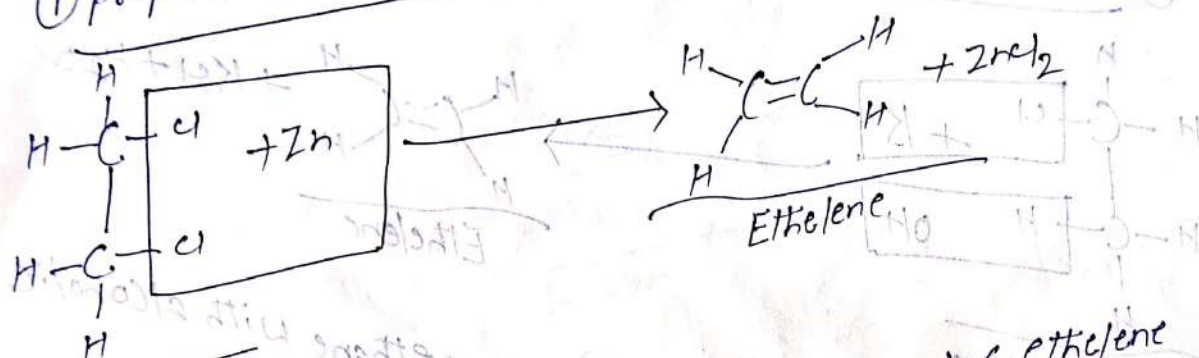
By dehydration of ethyl alcohol with $\text{Conc. } H_2SO_4$ at $170^\circ C$, Ethylene is obtained.

⑤

(2) By dehalogenation of dihalogen derivative of alkane with zinc alkene is obtained.



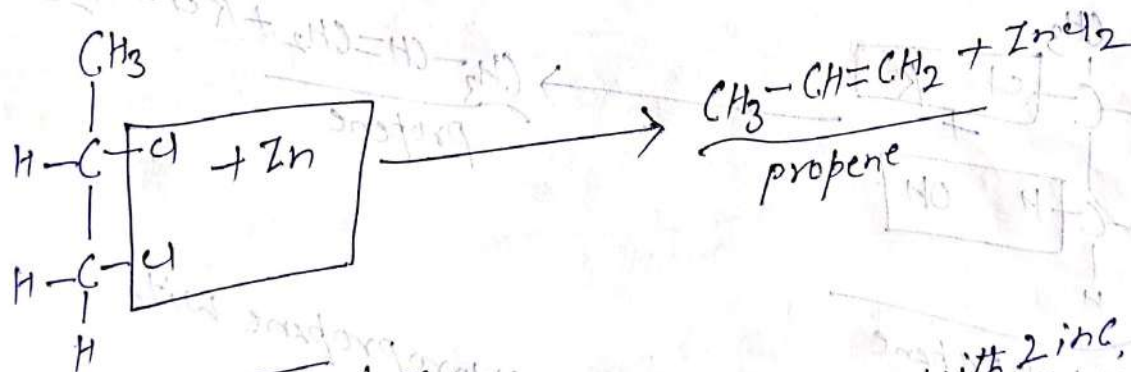
(i) preparation of Ethylene (C_2H_4):



Dichloro ethane

By dechlorination of dichloro ethane with zinc, ethylene is obtained.

(ii) preparation of propene (C_3H_6):



1,2-Dichloro propane

By dechlorination of 1,2-dichloropropane with zinc, propene is obtained.