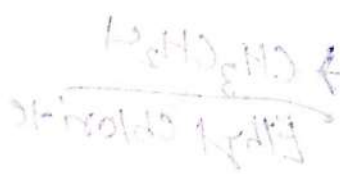


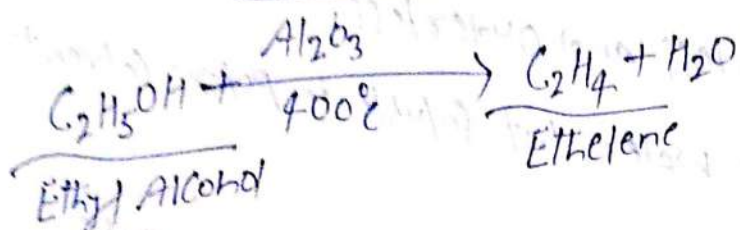
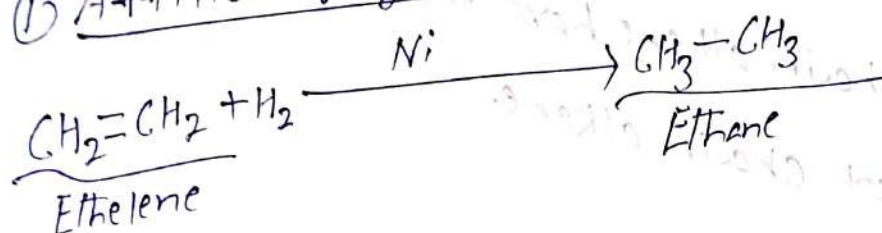
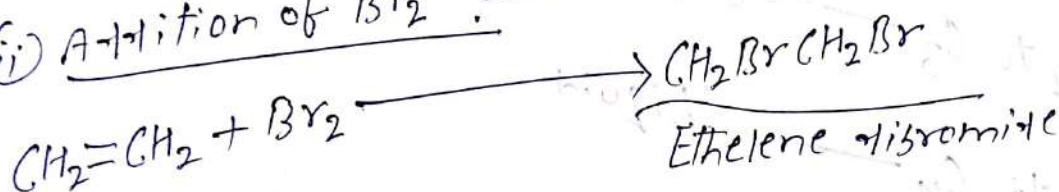
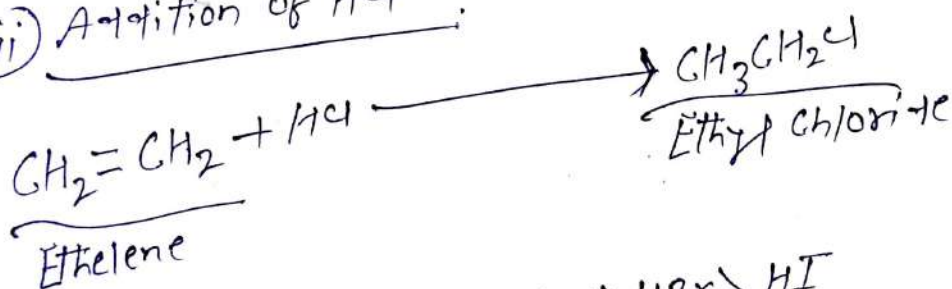
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physical properties

- (1) Alkene are colourless and odourless.
- (2) It is insoluble in water but soluble in polar solvent like Benzene.
- (3) Alkene increase in Boiling point with increase in size.
- (4) Straight chain alkene have higher Boiling point than Branched chain alkene.
- (5) C_2 to C_3 ——— Gas.
 C_4 to C_{14} ——— Liquid.
 C_{15} to C_{30} ——— Solid.



(10)

Ethelene (C_2H_4)Chemical Reaction :-(i) Addition Reaction :-(1) Addition of Hydrogen :-(ii) Addition of Br_2 :-order of Reactivity = $Cl > Br > I$ (iii) Addition of HCl :-order of Reactivity = $HCl > HBr > HI$ (iv) Addition of Hypochlorous acid ($HOCl$) :-