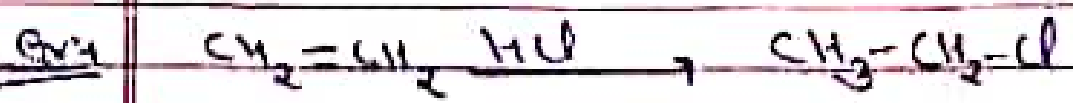


Q4 Addition reaction:- It is defined as that reaction in which all the reagent atoms are added to the reactant and thus the product contains all the atoms of the reactant as well as that of the reagent.   
 Characteristic feature of unsaturated compounds:

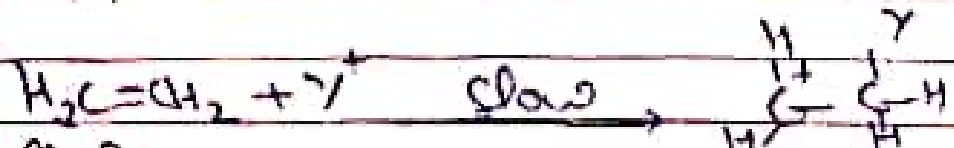


Types:-

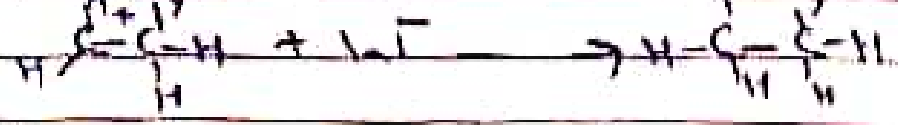
- (1) Electrophilic addition
- (2) Nucleophilic addition
- (3) Free radical addition
- (4) Addition to conjugated system

(1) Electrophilic addition

Step 1



Step 2



- The second step is similar to SN1 mechanism
- Not all additions follow the same mechanism:

Ex:-

