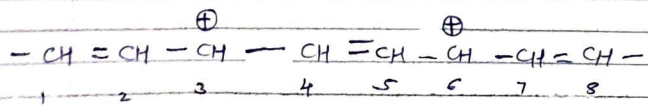
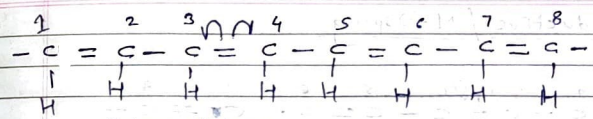


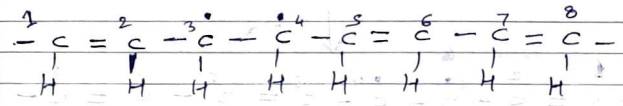
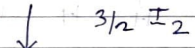
Conducting Polymer Doping Mechanism



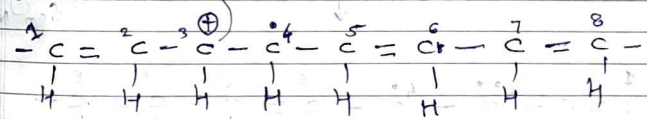
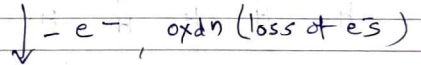
1) Oxidative / P-Doping



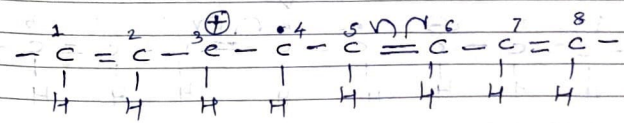
Polyyacetylene



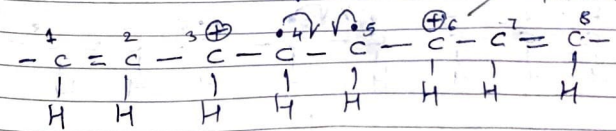
loss of e⁻ from carbon no. 3



Radical ion (polaron)

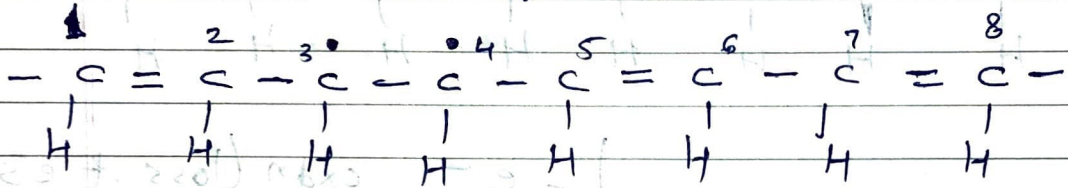
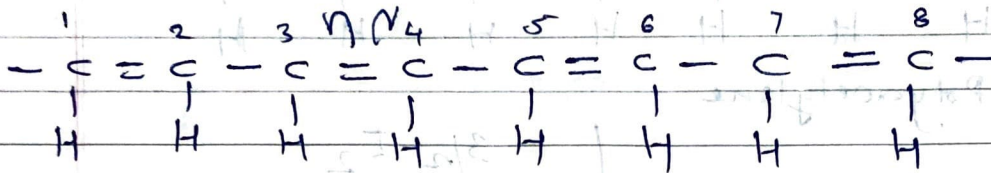


Loss of e⁻ from carbon number 6

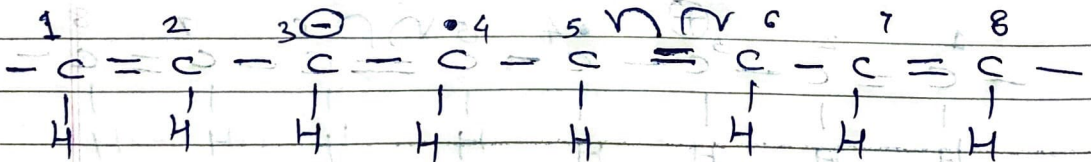
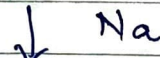
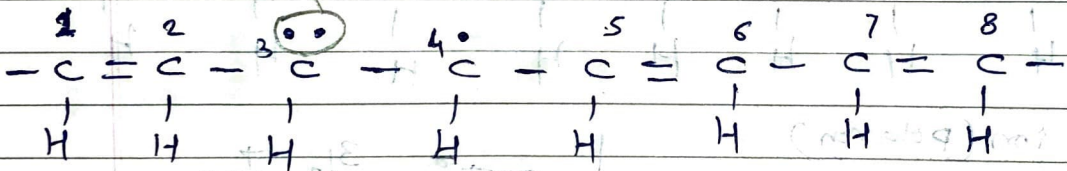
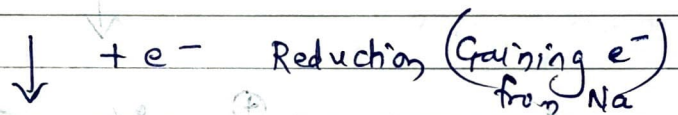


Biradical ion

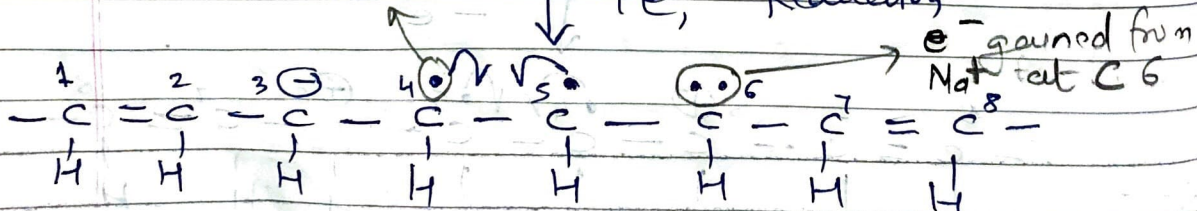
Reductive / N-Doping



e^- gained from Na⁺ at carbon 3



radical



e^- gained from Na⁺ at C 6

