Assignment - B3 Title L To study about dynamic souting Problem statement: Configure RIP/OSPR/BEP objective is to leave about dynamic routing becyocaj. To implement PIP/OSPF/BGP 8/w 4 H/w !-Pedora OS, cisco packof tracer Theory 1-Dynamic Parting ? Dynamic routing is a netter -caking technique that provides optimal data souting centice static souting dynamic routing enables routes to select paths according to real-time logical network layout changes. Dynamic vocating uses multiple algorithm & protocols. The most popular are roating externation protocol fopen source path frost

Dynamic realing protocols allow to store referenchion schout the Ww.Ja allows them to scient best path to reach a dephination

\* BIP portocal :

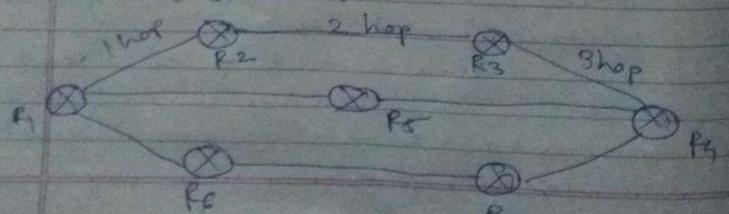
Posting Information Protocol 13 an ratio-domain mouting protocol wed with an autoromous system. Here, Inter domain reacting packets in a deflined

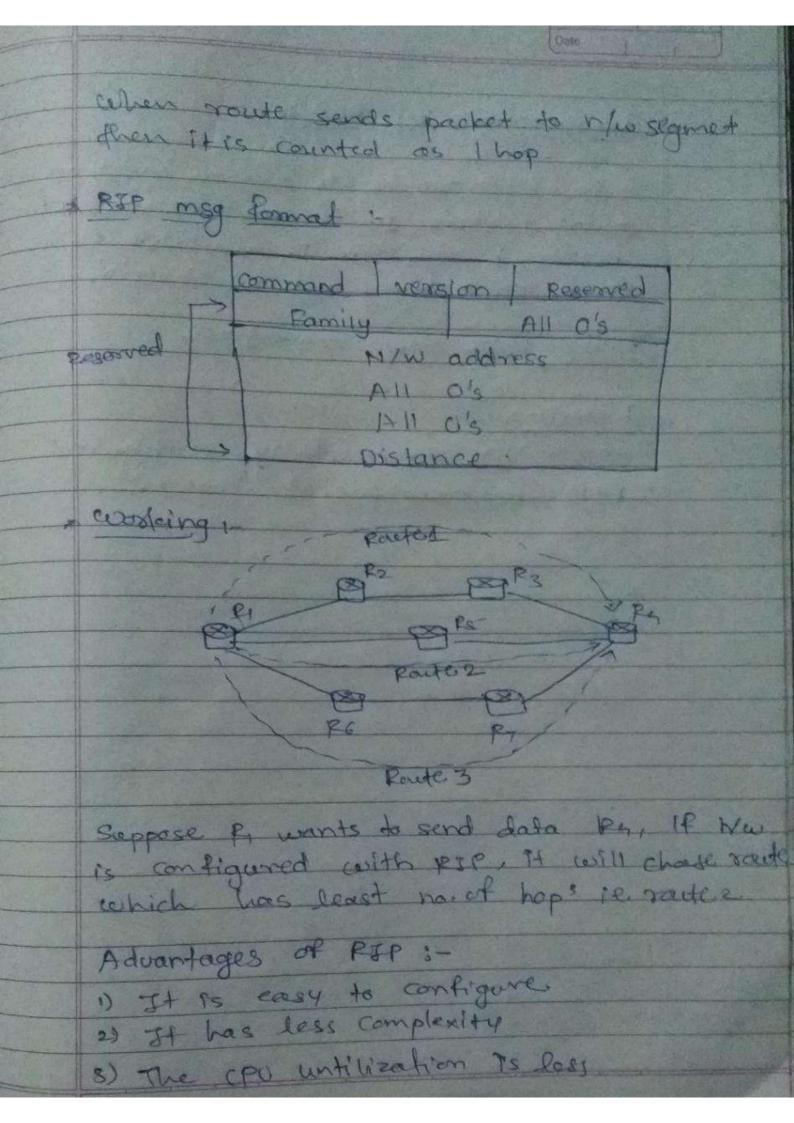
10 PJP is based on the distance veeler heald state so we can consider graph where rades are routed links are neterests fr) In a routing table, first column is destination

111) The cost metric is no of hops do row the destination

is) In PIP, spfinity to 12 which moons RIP is useful for small networks < max no of hops is (s)

") The next column contains addresses of rodutes to which packet is to be sent to reach destivation.





Disabountages of PJP 1
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