EIGRP Protocol Configuration in Cisco Packet Tracer

TASKS:

NETWORK ADDRESS: 128.*ID*.0.0/8

[Marks: 10]

- o Design the following topology in Packet Tracer (**Designing: 1**).
- • Subnet and Assign appropriate IP addresses into each of the network devices (**IP Addressing: 3**).
    - o Test connectivity within the networks [use ***ping***, ***show ip route***].
- • Configure EIGRP protocol so that all devices can communicate with each other (**Implementation of the protocol: 4**).
    - o Test connectivity among the networks [use ***ping***, ***show ip route***].
    - o Be ensure to save your work for each router [use *copy running-config startup-config].*
    - o **Save your file as Your9DigitID_EIGRP.pkt**
- • **Write the following information in note for the router R3 to the sub-network where host number is 200 in the packet tracer's top left portion as the answers: (Information : 2)**
    feasible distance (FD), reported distance (RD), Successor and feasible successor
- • ***Information***: Here, **ID of the IP addresses** is a variable where you have to replace it with **the last 3 digit of your ID**. For example, if anyone's ID is 170204100 then **ID=100**; if anyone's is 170204001 then **ID = 01**.
    ******* [If any copy has been found, they both will get ZERO]