# RIP Protocol Configuration with Subnetting in Cisco Packet Tracer      Marks: 10

**TASKS:**

> **Given Address Space (Site Network Address):**      **ID.ID.25.0/20**

- Design the following topology in Packet Tracer (**Designing: 1**).
- Subnet each of the network with the IP and write each network information as texts in your file as shown in the class (**Subnetting: 2**).
- Assign the appropriate IP addresses into each of the network devices (**Implementation of Subnetting: 3**).
  - Test connectivity within the networks [use ***ping***, ***show ip route***].
- Configure RIP protocol so that all devices can communicate with each other (**Implementation of the protocol: 4**).
  - Test connectivity among the networks [use ***ping***, ***show ip route***].
  - Be ensure to save your work for each router using the command: *copy running-config startup-config.*

******* [If any copy has been found, they both will get ZERO]

***Information***: Here, **ID of the given network address** is a variable for each student where you have to replace it with **the last 3 digit of your ID**. For example, if anyone's ID is 170104114 then **ID=114**, if anyone's is 170104061 then **ID = 61**.