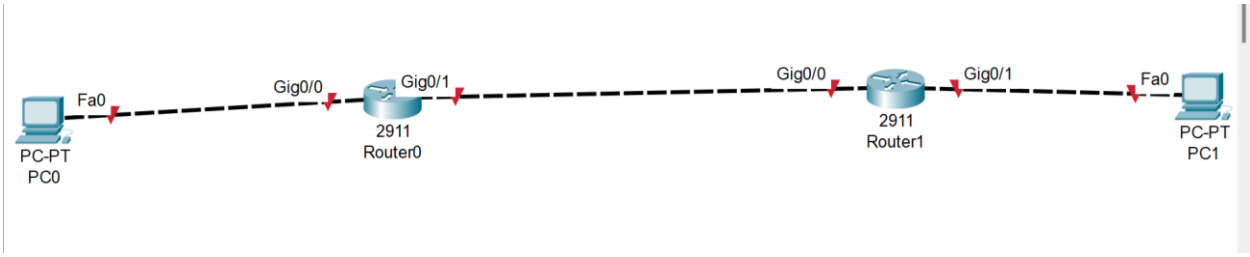
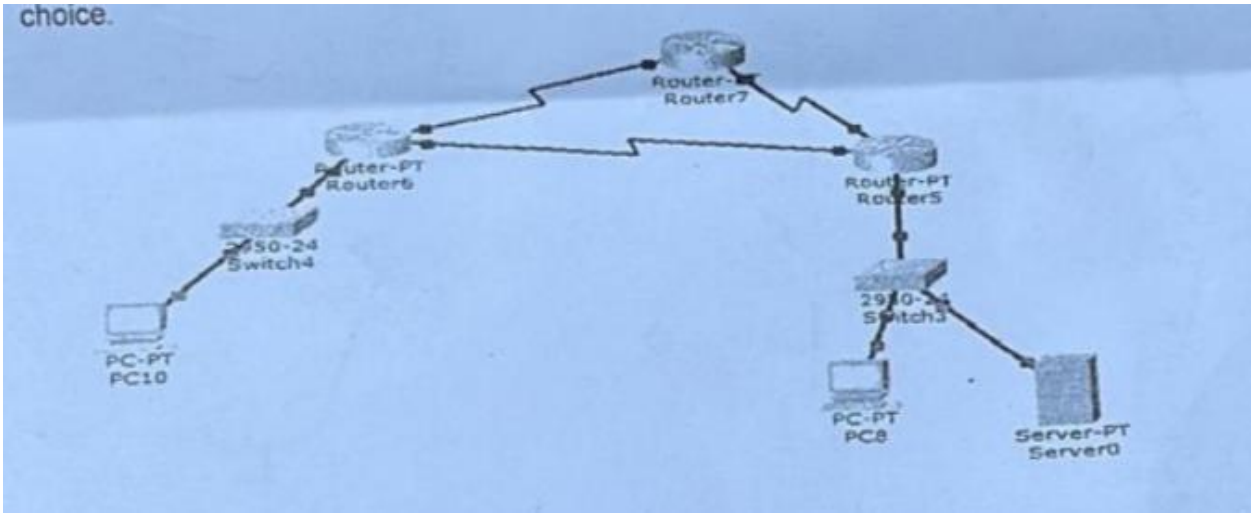
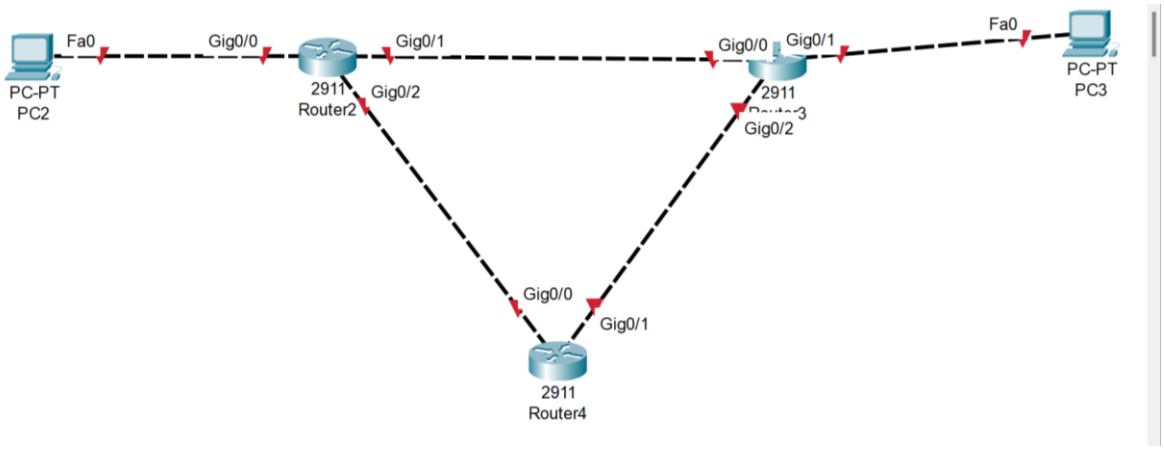
1)For the scenario given below, configure static routing and check the connectivity in the network using ping command.



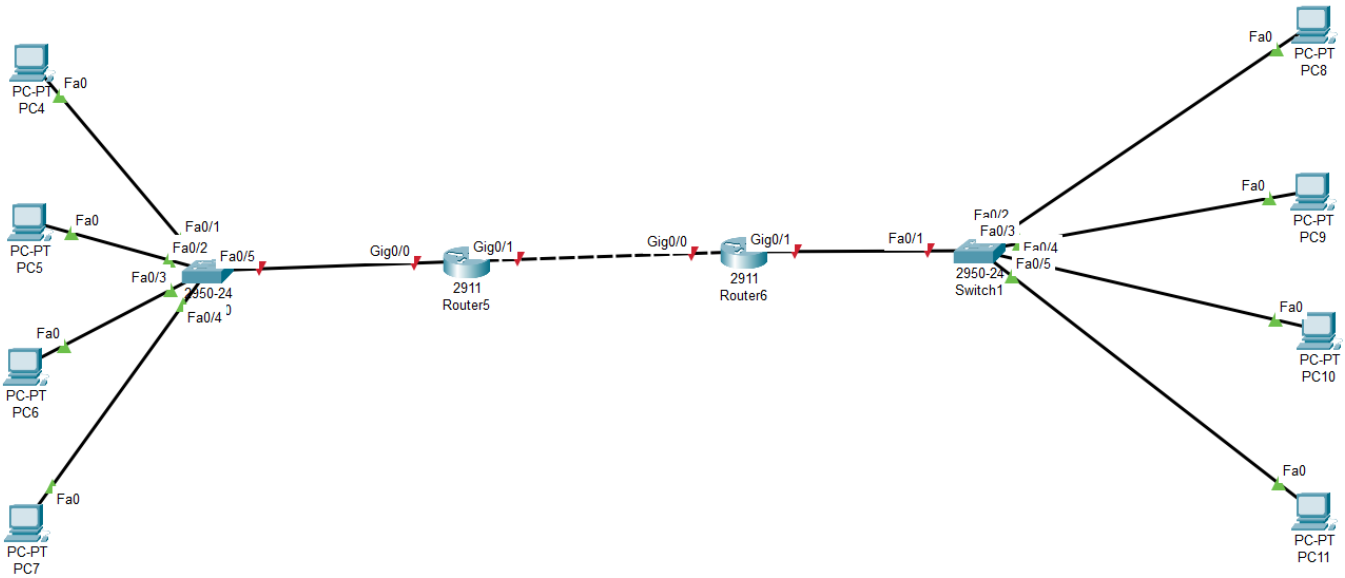
2)For the scenario given below, perform routing using RIP. Use any class B networks of your choice.



3)For the scenario given below, perform static routing using any class A networks. Ensure connectivity over the network using ping command. Also show the network statistics from command line.



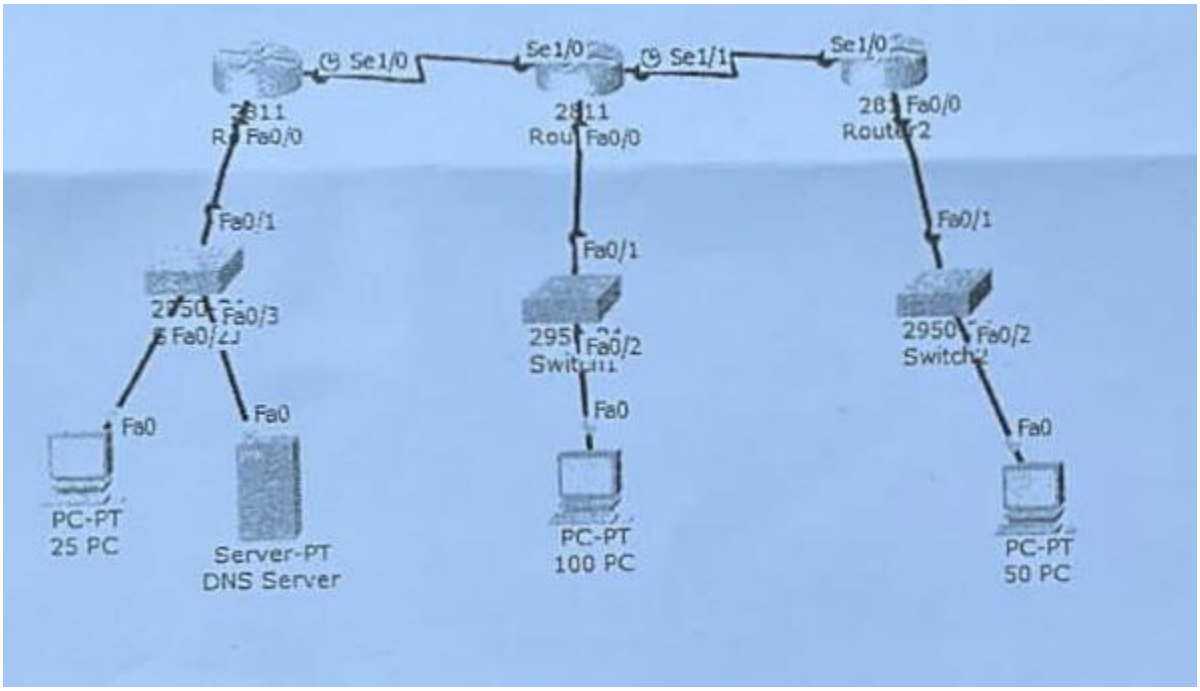
4) For the scenario given below, perform routing using RIP. Ensure connectivity over the network using ping command. Also demonstrate the use of tracert command. Use class A networks for the scenario.



5)Create hybrid topology with atleast 15 PCs and use the ping command to ensure all networks are reachable. In addition to this use ARP, netstat commands. Implement sub options available with these commands. Use network to create subnets 147.42.0.0/16 for creating subnets to be used in the scenario.

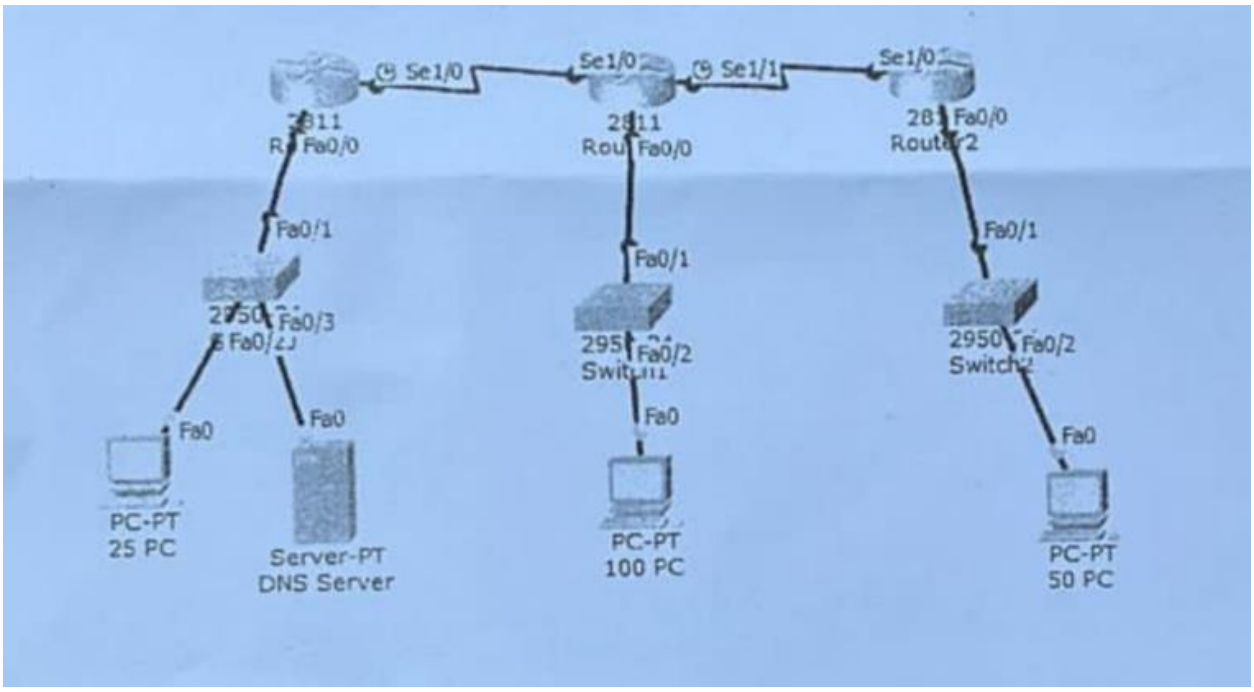
6)Create BUS topology with atleast 12PCs and use the ping command to ensure all networks are reachable. In addition to this use ARP, netstat commands. Implement sub options available with these commands. Use network 123.32.12.0/24 to create subnet for configuring the scenario.

7)Configure static routing in following scenario. Mention all the commands used for configuring static routing. Use network 181.20.0.0/16 to create subnets to the scenario.

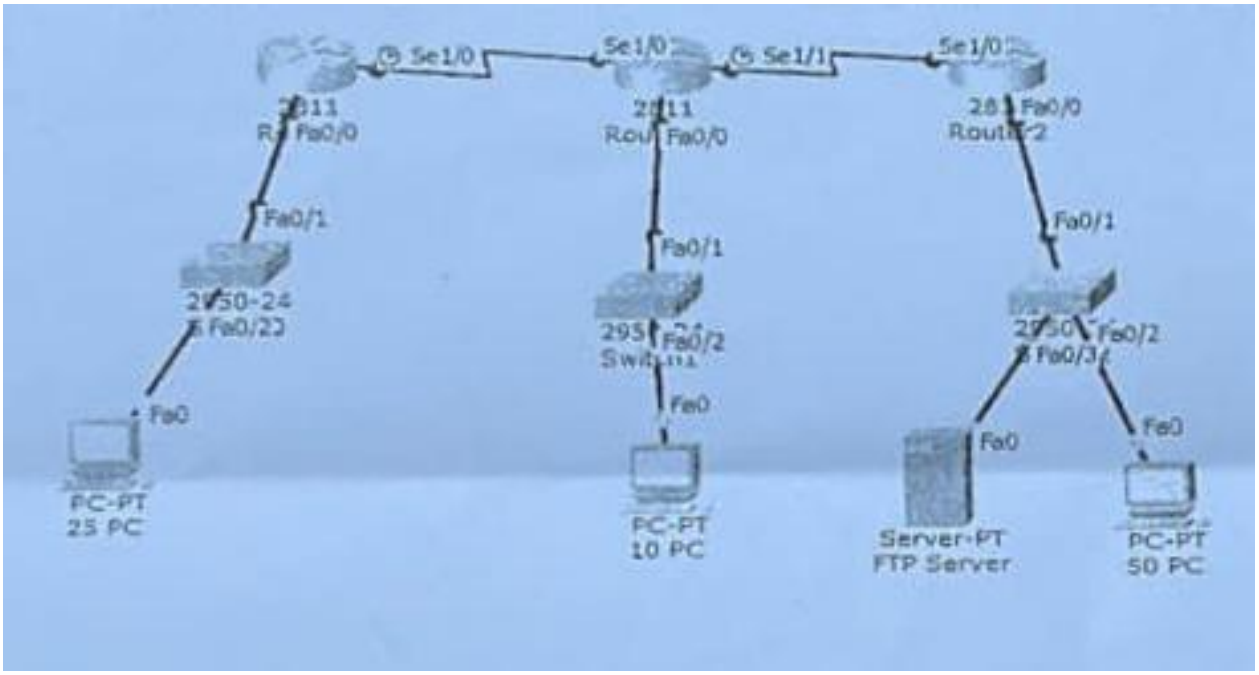


8)Create TREE topology and use the ping command to ensure all networks are reachable. In addition to this use netstat, ipconfig commands. Implement sub options available with these commands. Use network 83.32.12.0/24 for creating subnets to configure the scenario.

9)In the scenario given below, perform static routing. Use network 159.36.10.0/24 to create subnets for configuring the scenario. Ensure the accessibility of the DNS server over the complete network



10)In the scenario given below, perform dynamic routing. Create subnets form the network 200.50.0.0/16. Also configure FTP server and establish its accessibility from the complete network.


Se1/0
Se1/0
Se1/1
Se1/0
Fa0/0
Fa0/1
Fa0/1
Fa0/1
Fa0/2
Fa0/2
Fa0
Fa0
Fa0
Fa0
PC-PT
25 PC
PC-PT
10 PC
Server-PT
FTP Server
PC-PT
50 PC