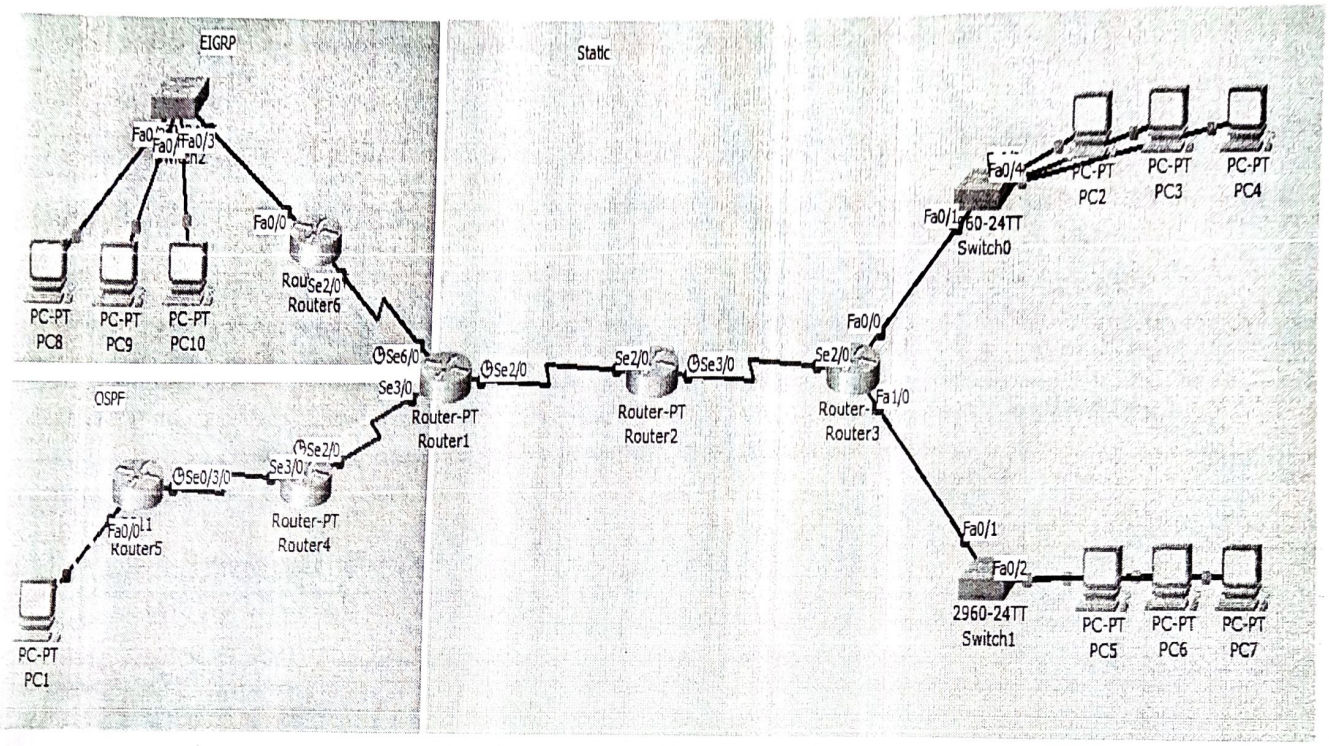
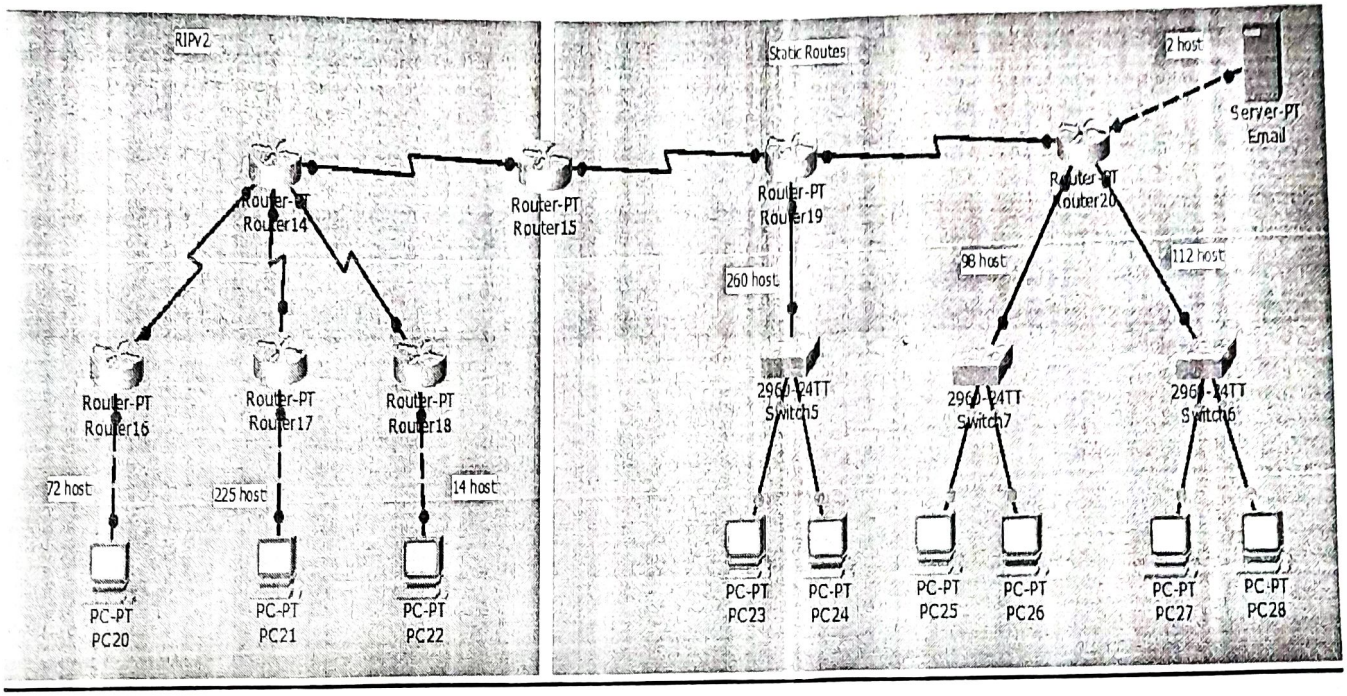


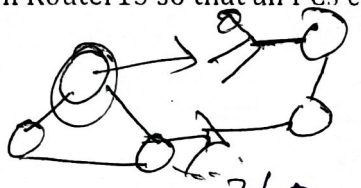
You have to design the above topology. The requirements are as follow

1. All the **devices name** and routers **hostname** must be on your name.
2. Assign and Tag IP addresses on all the devices. **Tagging of IP addresses is mandatory with subnet mask/prefix.**
3. You have to apply **VLSM** and select IP address class according to the mention host.
4. You have to configure **Dynamic NAT** on Router5.
5. Configure **port-security** and **switch-security** on switch1 connected with Router3.
6. Configure **DHCP** on Router6 and Router3 so that PCs can get dynamic IPs from DHCP.
7. Configure **EIGRP** on Router6, **OSPF** on Router4 and Router5 and **Static routes** on Router1 to Router3.
8. Configure **redistribution** on Router1 so that all PCs can send and receive packets to each other.



You have to design the above topology. The requirements are as follow

1. All the **devices name** and routers **hostname** must be on your name.
2. Assign and Tag IP addresses on all the devices. **Tagging of IP addresses is mandatory with subnet mask/prefix.**
3. You have to apply **VLSM** and select IP address class according to the mention host.
4. Configure **Static routes** on Router15, Router19 and Router20.
5. Configure **RIPv2** on router14 to Router18.
6. You have to configure **ACL** on Router19, so that only **two users** can send the Emails to each other will other are not.
7. Configure **port-security** and **switch-security** on switch6 and switch7 connected with Router20.
8. Configure **DHCP** on Router14 so that PCs connected with Router16, Router17 and Router18 can get dynamic IPs.
9. Configure **redistribution** on Router15 so that all PCs can send and receive packets to each other.



260 → .254 / 510. 23

14 → /28

98 → 0.127/25

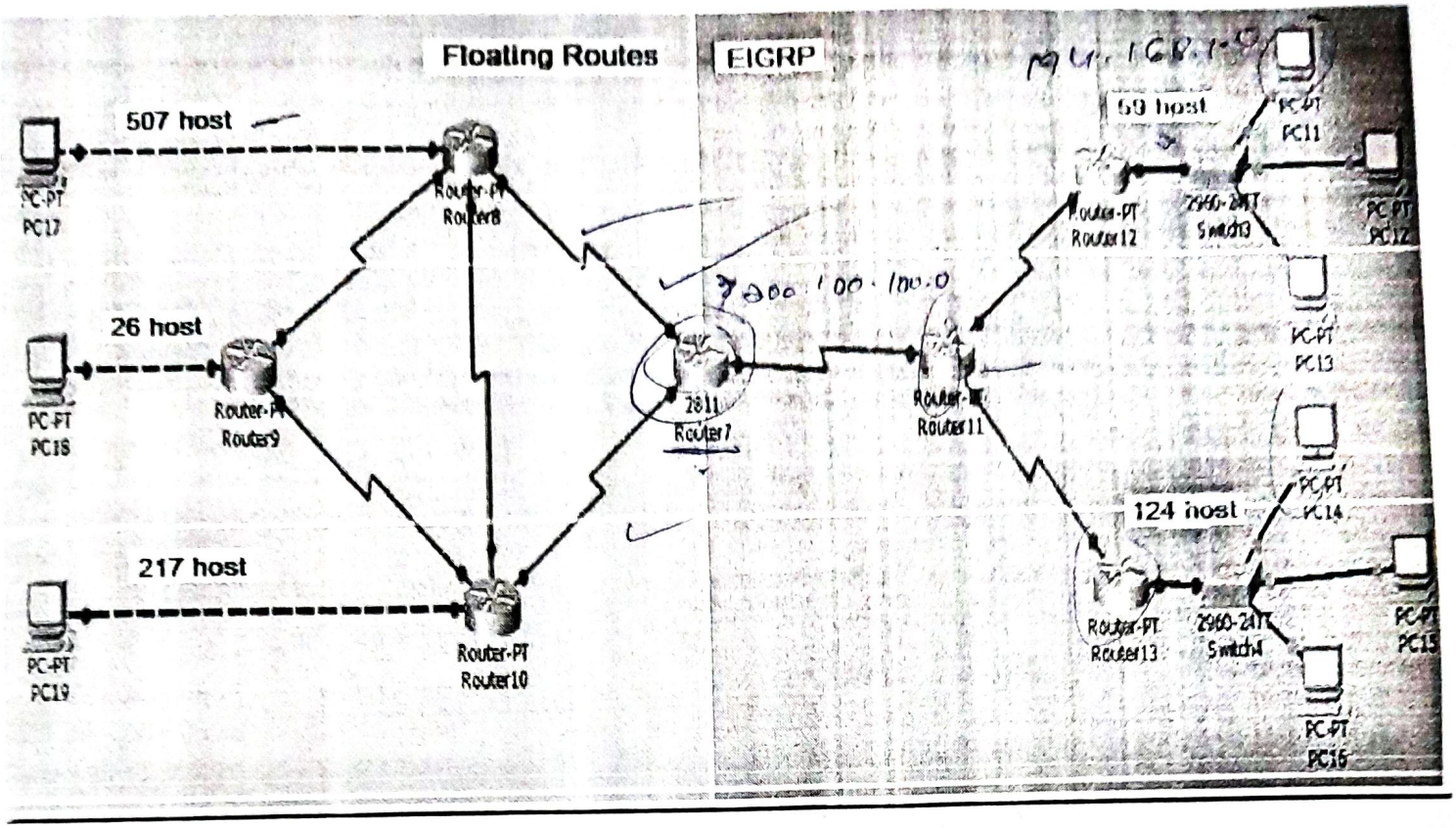
72 → 0.120/25

112 → 0.127/25

225 → 255.0/24

23 − 16 = 8

23 → 128 64 32 16 8 4 2 1 → 7. 16 /24



You have to design the above topology. The requirements are as follow

1. All the **devices name** and routers **hostname** must be on your name.
2. Assign and Tag IP addresses on all the devices. **Tagging of IP addresses is mandatory with subnet mask/prefix.**
3. You have to apply **VLSM** and select IP address class according to the mention host.
4. You have to configure **ACL** on Router9, so that PC11 and PC12 can communicate with other PCs while PC13 cannot.
5. Configure **port-security** and **switch-security** on both switch.
6. Configure **DHCP** on Router11 so that PCs connected with Router12 and Router13 can get dynamic IPs.
7. Configure **Floating routes** on Router7 to Router9 for all the possible destinations.
8. Configure **EIGRP** as mentioned in the topology.

507 host ⇒ 510

⇒ [redacted]/23 ⇒ 0.0.0.255

254