**Practice-2**

1. What is the size of IPv6 Address?
   1. 32 bit
   2. 64 bit
   3. 2 bytes
   4. 128 bit
2. Convert the Subnet Mask /26 to Decimal form.
3. Which table switches use for making frame forwarding decision.
   1. MAC table
   2. ~~Routing Table~~
   3. Neighbor table
   4. Topology Table
4. What is the Broadcast Address of Network 192.168.10.0/25?
   1. 192.168.10.127
   2. 192.168.10.65
   3. 192.168.10.128
   4. 192.168.10.129
5. Which of the following are the End Devices?
   1. IP Phone
   2. Desktop Computer
   3. Printer
   4. All the above
6. Which of these access methods is used for remotely accessing the Network Devices?
7. Telnet
8. SSH
9. Both A and B
10. Console
11. Given the network: 172.16.0.0/17. What is the last usable host address on the first subnet?
    1. 172.16.255.254
    2. ~~172.16.1.254~~
    3. 172.16.0.254
    4. 172.16.127.254
12. What is the broadcast address for the network 172.16.0.0 255.255.0.0?
    1. 172.16.255.255
    2. 172.16.0.255
    3. 172.16.127.255
    4. 172.16.128.255
13. What does a host on an Ethernet network do when it is creating a frame and it does not have the destination address?
14. drops the frame
15. sends out a Layer 3 broadcast message
16. sends a message to the router requesting the address
17. sends out an ARP request with the destination IP address
18. What is the network address of 11.11.11.11/16?
    1. 11.11.11.0
    2. 11.0.0.0.0
    3. 11.11.0.0
    4. 11.0.0.255