**Practice 2 - Answers**

1. What is the size of IPv6 Address?
   1. 32 bit
   2. 64 bit
   3. 2 bytes
   4. 128 bit

**Answer: D**

1. Convert the Subnet Mask /26 to Decimal form.

**Answer: 255.255.255.192**

1. Which table switches use for making frame forwarding decision.
   1. MAC table
   2. Routing Table
   3. Neighbor table
   4. Topology Table

**Answer: A**

1. 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

**Answer: A**

1. Which of the following are the End Devices?
   1. IP Phone
   2. Desktop Computer
   3. Printer
   4. All the above

**Answer: D**

1. Which of these access methods is used for remotely accessing the Network Devices?
2. Telnet
3. SSH
4. Both A and B
5. Console

**Answer: C**

1. 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

**Answer: D**

1. 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

**Answer: A**

1. What does a host on an Ethernet network do when it is creating a frame and it does not have the destination address?
2. drops the frame
3. sends out a Layer 3 broadcast message
4. sends a message to the router requesting the address
5. sends out an ARP request with the destination IP address

**Answer: D**

1. 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

**Answer: C**