**Practice 3- Answers**

1. What is the size of MAC Address?
   1. 32 bit
   2. 48 bit
   3. 2 bytes
   4. 64 bit

**Answer: B**

1. Convert the Subnet Mask /19 to Binary form.

**Answer: 11111111.11111111.11100000.00000000**

1. When a destination host send a ARP reply packet, it is a unicast packet.
   1. True
   2. False

**Answer: A**

1. What is the Broadcast Address of Network 15.64.0.0/10?
   1. 15.127.10.127
   2. 15.127.10.255
   3. 15.191.255.255
   4. 15.127.255.255

**Answer: D**

1. Which cable we require to connect PC to a router – Via FastEthernet?
   1. Cross-over cable
   2. Straight-through cable
   3. Serial Cable
   4. All the above

**Answer: A**

1. An ARP request is normally \_\_\_\_\_\_
   1. Unicast
   2. Broadcast
   3. Multicast
   4. All the above

**Answer: B**

1. Given the network: 172.16.1.0/26. What is the number of usable host address in the network?
   1. 254
   2. 30
   3. 62
   4. 6

**Answer: C**

1. What is the broadcast address for the network 172.16.0.0/17?
   1. 172.16.255.255
   2. 172.16.0.255
   3. 172.16.128.255
   4. 172.16.127.255

**Answer: D**

1. \_\_\_\_\_\_ is a dynamic mapping protocol in which a physical address is found for a given logical address.
   1. RARP
   2. ARP
   3. Both A and B
   4. None of the above

**Answer: B**

1. 11.11.11.11/16 is a classful IP address?
   1. True
   2. False

**Answer: B**