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Exam : 090-554

**Title : SCO OPENSERVR(TM)
RELEASE 5 NETWORK
ADMINISTRATION V30A1**

Version : DEMO

1.Which statement regarding Ethernet addresses is true?

- A.The address is a unique 48-bit value.
- B.The address value is configured in the /etc/hosts file.
- C.A host discovers its own Ethernet address with the RARP protocol.
- D.A host's Ethernet address does not change when it gets a new network interface card.

Answer: A

2.How many octets are reserved for the HOST portion of a Class A IP address (with no subnets)?

- A.1
- B.2
- C.3
- D.4

Answer: C

3.Which is an example of a valid Class A address?

- A.119.32.259.134
- B.126.80.1.96
- C.129.222.101.17
- D.192.127.212.88

Answer: B

4.Which statement regarding the ARP protocol is true?

- A.The ARP protocol uses the /etc/hosts file to resolve addresses.
- B.The ARP protocol provides the IP address of the host that owns a given hardware address.
- C.The ARP protocol uses a cache to keep track of addresses it has already discovered.
- D.The ARP protocol uses the /etc/ethers file to resolve addresses.

Answer: C

5.Which item is the administrator NOT asked to enter when adding a new network adapter?

- A.Hardware address
- B.IP address
- C.Netmask
- D.Broadcast address

Answer: A

6.Which command, if run on an SCO OpenServer system with an IP address of 192.168.11.11, would send packets onto the network?

- A.ping 127.0.0.1
- B.ping localhost
- C.ping 192.168.11.11
- D.None of these commands would send packets onto the network.

Answer: D

7.Which statement regarding subnets is TRUE?

- A.A message sent from a host on one subnet to a host on another subnet must pass through a router.
- B.Subnetting a Class C network will increase the number of IP addresses available for hosts.
- C.The subnet bits must be consecutive with the network bits in the netmask.
- D.The IP addresses 200.100.50.127 and 200.100.50.128 must be on the same subnet.

Answer: A

8.A Class B network has been subnetted so that it uses an 8-bit subnet address and an 8-bit host address.Which of these netmask values is a correct choice for this network?

- A.0.0.255.255
- B.0.0.0.255
- C.255.255.0.0
- D.255.255.255.0

Answer: D

9.A Class C network is subnetted so that it uses a 2-bit subnet address and a 6-bit host address? Which of these netmask values is a correct choice for this network?

Note the following binary to decimal equivalents:

11111111=255

00111111=63

11000000=192

- A.0.0.0.255
- B.0.0.0.63
- C.255.255.255.63
- D.255.255.255.192

Answer: D

10.Your company has a class C network address.You are planning to configure subnets.Each subnet will have at most fifteen (15) hosts.What is the largest number of subnet bits you can use?

- A.3
- B.4
- C.5
- D.6

Answer: A