

# SCO

## Exam 090-055

### UNIXWARE 7 NETWORK ADMINISTRATION V10A1

Version: 5.0

[ Total Questions: 71 ]

**Topic 0, A**

A

**Question No : 1 - (Topic 0)**

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****Question No : 2 - (Topic 0)**

To which class does the IP address 185.73.250.99 belong?

- A. Class A
- B. Class B
- C. Class C
- D. This is not a valid IP address.

**Answer: B****Question No : 3 - (Topic 0)**

You have determined that your network will NOT need any subnets. What should you use for a netmask when you configure UnixWare 7 TCP/IP?

- A. A netmask with every bit set to 0
- B. A netmask with every bit set to 1
- C. A netmask with every bit in the host portion set to 1
- D. The default netmask suggested by the Network Configuration Manager

**Answer: D****Question No : 4 - (Topic 0)**

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**

**Question No : 5 - (Topic 0)**

What does the Internet Protocol level of the TCP/IP protocol stack use to verify that incoming data is for this host?

- A. The Ethernet address
- B. The IP address
- C. Cyclic Redundancy Check (CRC) error checking
- D. The port number

**Answer: B**

**Question No : 6 - (Topic 0)**

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

- A. Hardware address
- B. IP address
- C. Netmask
- D. Default router

**Answer: A**

**Question No : 7 - (Topic 0)**

Which statement regarding subnets is FALSE?

- A. A Class B network is rarely subnetted because it can support over 65,000 hosts.
- B. A Class B network with subnets has fewer IP addresses available for hosts than a Class B network without subnets.

- C. For optimal network performance, a server should be located on the same subnet as most of its clients.
- D. A message sent from a host on one subnet to a host on another subnet must pass through a router.

**Answer: A**

**Question No : 8 - (Topic 0)**

Which netmask is used when a Class C network is subnetted so that it uses a 2-bit subnet address and a 6-bit host address?

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**

**Question No : 9 - (Topic 0)**

What broadcast address is used when a host with an IP address of 139.215.20.13 has a netmask value 255.255.248.0?

Note the following binary to decimal equivalents:

00000111=7

00001101=13

00010000=16