



**BestScoreSheet Q&A Material Demo**

CompTIA Network+ N10-003

1. If a destination address is not in a bridge's forwarding table, what will the bridge do?

A. Forward the packets to a designated port and the one that originated the request

B. Forward the packets to all ports except the one that originated the request

C. Forward the packets to the default gateway

D. Forward the packet to all ports

Answer: B

2. A network technician needs to establish a remote connection to a client machine. Which one of the following protocols with default port number would be used?

A. Telnet, port 20

B. Telnet, port 21

C. SSH (Secure Shell), port 22

D. SSH (Secure Shell), port 23

Answer: C

3. Which one of the following communication protocols does a UNIX system primarily rely on?

A. IPX / SPX (Internetwork Packet Exchange / Sequence Packet Exchange)

B. Kerberos

C. TCP / IP (Transmission Control Protocol / Internet Protocol)

D. NetBEUI (Network Basic Input / Output Extended User Interface)

Answer: C

4. Which utility should a technician use to troubleshoot NetBIOS (Network Basic Input / Output System) over TCP / IP (Transmission Control Protocol / Internet Protocol) from Workstation A to Workstation B on a Windows network?

A. ping

B. tracert

C. nbtstat

D. netstat

Answer: C

5. A network administrator supports a LAN (Local Area Network) with ten users wired to a switch. The switch is connected to a router for Internet access. One day, a single user reports being unable to access the Internet. All other users can access the Internet. Which of the following items should the network administrator check to solve the problem?

A. Network card of troubled machine, port on switch that uplinks to router, and patch cable from troubled machine to switch

B. Patch cable from troubled machine to switch, port on switch the troubled machine is plugged into, and external interface of router

C. Network card of troubled machine, port on switch that troubled machine is plugged into, and patch cable from troubled machine to switch

D. Port on switch the troubled machine is plugged into, network card of troubled machine, and uplink port on the switch

Answer: C

6. How many connections have to be maintained on a company's mesh network with eight nodes?

A. 8

B. 16

C. 28

D. 32

Answer: C

7. Which of the following access methods does Ethernet use?

A. Token passing

B. Full duplex

C. CSMA / CA (Carrier Sense Multiple Access / Collision Avoidance)

D. CSMA / CD (Carrier Sense Multiple Access / Collision Detection)

Answer: D

8. What is the maximum length of a gigabit Ethernet segment using MMF (MultiMode Fiber) optic cable?

A. 100 meters (328.08 feet)

B. 250 meters (820.21 feet)

C.550 meters (1,804.46 feet)

D.3000 meters (9,842.52 feet)

Answer: C

9. Which type of connector does a 10BASE-F network use?

A.MT-RJ (Mechanical Transfer-Registered Jack)

B.RJ-45 (Registered Jack)

C.Series-A

D.ST (Straight Tip)

Answer: D

10. Which one of the following connectors would a user need for a built-in laptop modem?

A.RJ-45 (Registered Jack)

B.DB-9

C.RJ-11 (Registered Jack)

D.BNC (British Naval Connector / Bayonet Niell-Concelman)

Answer: C

11. Which media type cannot be scaled to 100 Mbps (Megabits per second) transmission speeds by replacing Ethernet switches?

A.Category 5 cable

B.Category 5e cable

C.MMF (MultiMode Fiber)

D.Coaxial cable

Answer: D

12. For security reasons, which device can limit traffic on a network and allow access only to specific TCP / IP (Transmission Control Protocol / Internet Protocol) port numbers?

A.Gateway

B.Firewall

C.Bridge

D.Modem

Answer: B

13. 802.11g is compatible with which of the following?

A.802.11a

B.802.11b

C.802.4

D.802.5

Answer: B

14. What enables remote network servers to handle multiple incoming requests, such as FTP (File Transfer Protocol), HTTP (Hypertext Transfer Protocol), Telnet, DNS (Domain Name Service), etc., from a single IP (Internet Protocol) address?

A.Different services

B.Routers

C.Multihoming

D.Different ports

Answer: D

15. Which TCP / IP (Transmission Control Protocol / Internet Protocol) well-known port number identifies SMTP (Simple Mail Transfer Protocol)?

A.21

B.23

C.25

D.110

Answer: C

16. Which dial-up protocol does not provide addressing, packet type identification, error detection or correction, or compression mechanisms and requires that the devices on each end know the other's address?

A.PPP (Point-to-Point Protocol)

B.SLIP (Serial Line Internet Protocol)

C.PPTP (Point-to-Point Tunneling Protocol)

D.TCP / IP (Transmission Control Protocol / Internet Protocol)

Answer: B

17. Which of the following are classified as Layer 2 devices?

A.Hubs, switches, and routers

B.Hubs, switches, and bridges

C.Switches, bridges, and NICs (Network Interface Card)

D.Switches, bridges, and routers

Answer: C

18. Which one of the following is an example of an illegal subnet mask for an IP (Internet Protocol) address?

A.255.255.255.128

B.255.255.255.192

C.255.255.255.256

D.255.0.0.0

Answer: C

19. How can a system administrator verify that a backup is valid?

A.Run parallel backups

B.Check the tape archive

C.Restore the backup

D.Verify the archive b

Answer: C

20. When mapping to a network printer for the FIRST time, the print driver initially attempts to download from:

A.the Internet.

B.a file server.

C.the local cab files.

D.a print server.

Answer: D