

N10-006 - Quiz O – Answers Provided

Periodically you will face a question where you do not agree with the answer. That purposely happens because the wrong answer has been purposely inserted. When you find that situation raise the issue in the course discussion board under the discussion area relating to this Quiz.

1. A network administrator wants to logically separate web function servers on the network. Which of the following network devices will need to be configured?

A. IPS

*B. Switch

C. Hub

D. HIDS

2. A user has installed a new wireless printer. The user cannot get to the internet but can print. All other office users can reach the internet, but cannot connect to the new wireless printer. All users are wireless in this area of the office. The user has MOST likely:

A. Installed the printer in infrastructure mode

B. Installed the printer in the wrong subnet

C. misconfigured the gateway on the wireless printer

*D. installed the printer in ad-hoc mode

3. When installing a network cable with multiple strands, a technician drags the cable past a sharp edge and exposes the copper conductor on several wires. These exposed wires come into contact with each other forming an electrical connection. This creates which of the following conditions?

*A. Short

B. Twisted pair

C. Electrostatic discharge

D. Crosstalk

E. Open

4. Which of the following attacks utilizes a wireless access point which has been made to look as though it belongs to the network in order to eavesdrop on wireless traffic?

*A. Evil twin

B. Rogue access point

C. WEP attack

D. War driving

5. A home user is pairing a bluetooth gaming controller with the game console. Which of the following is implemented between the console and the controller?

A. LAN

*B. PAN

C. WAN

D. MAN

6. A technician has attempted to optimize the network but some segments are still reporting poor performance. Which of the following issues should the technician look at?

A. Switch incorrectly set to full duplex

B. Conflicting IP addresses

*C. Packet bottlenecks

D. IP address scope depletion

7. Coverage analysis for a new implementation of 802.11n WLAN involves which of the following? (Select TWO)

A. Humidity

B. Temperature

C. Heatmap

*D. Building material

*E. Sight lines

8. A technician is in a large room that contains a large amount of industrial equipment. The technician would like to record the usable bandwidth between devices in a wireless network and the access point. Which of the following should the technician document?

*A. Goodput

B. EMI

- C. Latency
- D. Jitter
- E. Overhead

9. A project manager is tasked with the planning of a new network installation for a client. The client wants to ensure that everything discussed in the meetings will be installed and configured when a network engineer arrives onsite. Which of the following should the project manager provide the client?

- A. Acceptable Use Policy
- B. Service Level agreement
- *C. Statement of work
- D. Security Policy

10. A technician suspects that the email system is slow due to excessive incoming SPAM. Which of the following should the technician do according to the troubleshooting methodology?

- A. Verify full system functionality
- B. Block incoming email
- C. Establish a plan of action
- *D. Gather information
- E. Consider multiple approaches

11. A home office has a dozen devices that need a class based DHCP device to assign addresses. The subnet only has one octet for the host portion of each device. Which of the following IP addresses would be assigned to the default gateway?

- A. 10.0.0.1
- B. 169.254.0.1
- *C. 192.168.0.1
- D. 224.0.0.1

12. Joe, a system administrator, is troubleshooting an issue with remotely accessing a new server on the LAN. He is using an LMHOST file and the file contains the hostname and IP address of the new server. The server that he cannot remote to is located on the same LAN as another server that he can

successfully remote to. Which of the following output from the command line would BEST resolve the problem?

A. C:\windows\system32>ipconfig /flushdns
Windows IP configuration
Successfully flushed DNS resolver cache

*B. C:\windows\system32>ipconfig /registerdns
Windows IP configuration
Registration of the DNS resource records for all adapters has been initiated. Any errors will be reported in the event viewer in 15 minutes.

C. C:\windows\system32>nslookup
Default server: unknown
Address: 1.1.1.1

D. C:\windows\system32>nbtstat -R
Successful purge and reload of the NBT remote cache table

13. A technician is called to investigate a connectivity issue to a remote office that is connected by fiber optic cable. Using a light meter, it is determined that the Db loss is excessive. The installation has been working for several years. The switch was recently moved to the other side of the room and a new patch cord installed. Which of the following is MOST likely the cause of the issue?

A. Distance limitations

B. Wavelength mismatch

C. Bend radius limitation

*D. Dirty connectors

14. A technician is being tasked to centralize the management of the switches and segment the switches by broadcast domains. The company is currently all on VLAN1 using a single private IP address range with a 24 bit mask. The supervisor wants VLAN 100 to be the management subnet and all switches to share the VLAN information. Which of the following options would work BEST to accomplish these requirements?

A. Use VLSM on the IP address range, with STP and 802.1q on the inter switch connections with native VLAN 100

B. Use VLSM on the IP address range with VTP and 802.1x on all inter switch connections with native VLAN 100

C. Use VLSM on VLAN1, with VTP and 802.1w on the inter switch connections with native VLAN 100

*D. Use VLSM on the IP address range with VTP and 802.1q on the inter switch connections with native VLAN 100

15. A new network administrator is hired to replace a consultant that has been keeping the network running for several months. After a month, the network administrator is having network issues. The

problems are easily resolved and appear to be changes in the server settings. The log files on the servers do not contain any error or messages related to the issues. Which of the following is a possible cause of the issues?

- A. TACAS\Radius misconfiguration is causing logs to be erased
- B. ICMP ping of death is resetting DHCP and DNS on the server
- *C. A backdoor has been installed to access the network
- D. The last ACL on the router is set to Deny All

16. A network administrator set up a network computer lab and discovered connectivity issues. The administrator is able to ping the fiber uplink interface, but none of the new PCs plugged into the switch respond to ICMP requests. Which of the following should the administrator perform FIRST?

- *A. Check if there are link lights on the ports
- B. Check the ports on the switch for full duplex
- C. Check to see if port security is enabled
- D. Check to see if the uplink interface is configured correctly.

17. A user receives a new computer and now is unable to connect to a database using ODBC. Other users on the network are able to connect successfully. A technician is able to successfully ping the database server but still is unable to connect. Which of the following is the issue?

- A. Missing IP routes on router
- B. Wrong default gateway address
- *C. Software firewall is blocking ports
- D. Failing network interface card

18. A network uses a centralized server to manage credentials for all network devices. Which of the following server types are MOST likely being used in this configuration? (Select two.)

- A. DNS
- B. DHCP
- C. FTP
- *D. RADIUS
- E. Kerberos

*F. TACACS

G. Wireless controller

19. A company suffers an outage due to a bad module in a core switch. Which of the following is the proper order of troubleshooting?

A. Gather information, start at the top of the OSI model, and work down.

*B. Establish a plan of action to solve the problem.

C. Establish a theory, identify the problem, duplicate the problem, test the theory, and repeat.

D. Gather information, start at the bottom of the OSI model, and work up.

20. Which of the following is BEST used to perform a one-time temporary posture assessment in a NAC environment?

A. Intrusion prevention system

B. Host-based firewall

*C. Non-persistent agent

D. Antivirus