N10-006 - Quiz P – 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 technician has just run a new point-to point fiber link between two local routers, however, after the fiber has been plugged in on both ends, the interface will not come up. The technician has double-checked the interface configuration on both routers, both SFPs have been hard looped to confirm they are functioning, connectors on both ends of the links have been cleaned, and there is sufficient optical power. Which of the following is the cause of the issue?

*A. Wavelength mismatch

B. Duplex mismatch

C. Distance limitations

D. Wrong IP address

2. Two switches are connected using both a CAT6 cable and a CAT5e cable. Which of the following problems is occurring?

A. Missing route

B. Autosensing ports

C. Improper cable types

*D. Switching loop

E. Media mismatch

3. A network administrator has configured a new 100Mbs WAN circuit, but speed testing shows poor performance when downloading large files. The download

initially reaches close to 100Mbps but begins to drop and show spikes in the downloads speeds over time. The administrator checks the router interface and sees

the following:

Router01#show interface eth 1/1

GigabitEthernet 1/1 is up, line is up

Hardware is GigabitEthernet, address is 000A.00BB.CC11

Configured speed auto, actual 1Gbit, configured duplex fdx, actual fdx

Member of L2 VLAN 1, port is untagged, port state is forwarding

Which of the following is MOST likely to resolve the issue?

A. Shutdown and then re-enable this interface

B. Reset the statistics counter for this interface

*C. Remove default 802.1q tag and set to server VLAN

D. Apply egress port rate-shaping

4. Which of the following residential Internet medias would employ the DOCSIS standard?

A. Fiber

B. DSL

*C. Cable

D. 3G/LTE

E. Cellular

5. Joe, a technician, terminates ends on a new copper cable for use between two legacy switches. When Joe connects the two switches together using the cable, they fail to establish a connection. Which of the following is MOST likely the issue?

A. The cable has exceeded bend radius limitations.

*B. The cable is a straight through.

C. The cableis a cross over.

D. The cable has RJ-11 connectors instead of RJ-45.

6. A network technician has set up a firewall and entered only three rules allowing traffic on ports 21,110, and 25 to secure the network. Users are reporting they cannot access web pages using the URLs. Which of the following can the technician do to the situation?

*A. Add a rule to the end allowing port 80 and 53.

B. Add a rule to the end allowing port 143 and 22.

C. Add a rule to the end allowing port 137 and 66.

D. Add a rule to the end allowing port 445 and 173.

7. A secondary datacenter in a remote location is used by a company. The cable management and power management are handled by the datacenter staff. The building security is also handled by the datacenter staff with little oversight. Which of the following should the network administrator do to adhere to best practices?

A. Secure the patch panels.

B. Ensure power monitoring is enabled.

*C. Ensure rack security.

D. Secure the UPS units.

8. When network administrators observe an increased amount of web traffic without an increased number of financial transactions, the company is MOST likely experiencing which of the following attacks?

A. Bluejacking

B. ARP cache poisoning

C. Phishing

*D. DoS

9. An administrator needs to install a centrally located firewall that needs to block specific incoming and outgoing IP addresses, without denying legitimate return traffic. Which of the following firewall types should the administrator install?

A. A host- based firewall

B. A network-based firewall

C. A host-based stateful firewall

*D. A stateless network-based firewall.

10. All scheduled work on production network equipment should be done during which of the following periods?

*A. Maintenance window

B. Development life cycle

C. Down time

D. Business hours

11. A technician is installing a media converter that connects a newly installed multimode connection to an existing CAT5e infrastructure. Which of the following media converter types should the technician use?

A. Ethernet to coaxial

*B. Fiber to Ethernet

C. Fiber to coaxial

D. Multimode to single mode fiber

12. Ann, a network administrator, is in the process of cleaning network switches for resale. Ann splashes the cleaning agent in her eye and needs to know the procedure of cleansing her eye. To which of the following should Ann refer?

A. EULA

*B. MSDS

C. SLA

D. MOU

13. Which of the following transmission methods is used for network utilizing the 802.3 standard?

*A. MAC

B. Synchronous

C. DSSS

D. Broadband

E. Baseband

14. Which of the following describes a design where traffic is shared between multiple network servers to provide greater throughput and reliability?

*A. Load balancing

B. MPLS trunking

C. VLAN tagging

D. Multiplexing

15. A network technician at a warehouse must implement a solution that will allow a company to track shipments as they enter and leave the facility. Additionally, warehouse workers must be able to scan and concurrently upload large images of items to a central server. Which of the following technologies is BEST suited in this facility? (Select TWO).

*A. 802.11ac

B. P2P

C. Bluetooth

D. IR

*E. RFID

F. NFC

16. A technician wants to configure a wireless network to identify itself to visitors by including the word "Guest" in the name. Which of the following would allow users to identify a wireless network by name?

*A. ESSID broadcast

B. ARP broadcast

C. BSSID broadcast

D. DHCP broadcast

17. Which of the following describes what occurs with the ID of a specified native VLAN when traffic passes over a trunk?

A. It becomes the gateway of last resort for the switch or router.

*B. it becomes the default VLAN for the untagged frames.

C. it becomes the priority ID for all the VLAN traffic across the device.

D. It becomes the default gateway for the port or ports.

18. A user has a network device that streams media to the LAN. The device is visible on the network. All PCs on the LAN can ping the device. All firewalls are turned off. The streaming device appears to function properly, but the media will not stream as requested. Which of the following TCP/IP technologies is not implemented properly?

*A. Multicast

B. Broadcasts

C. Unicast

D. Anycast

19. When a switch has multiple paths to reach the root bridge, into which of the following states is the port with the LEAST desirable path placed by the spanning tree protocol?

A. Forwarding

B. Bonding

*C. Blocking

D. Listening

20. A CSU/DSU device will connect which of the following?

*A. A T1 line to a network router

B. An analog line to a network router

C. A cable modern to a wireless router

D. A local network to a VPN