

## N10-006 - Quiz B – 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. Which of the following network infrastructure implementations would be used to support files being transferred between Bluetooth-enabled smartphones?

- \*A. PAN
- B. LAN
- C. WLAN
- D. MAN

2. Which of the following describes an IPv6 address of ::1?

- A. Broadcast
- \*B. Loopback
- C. Classless
- D. Multicast

3. Which of the following is an example of an IPv4 address?

- A. 192:168:1:55
- \*B. 192.168.1.254
- C. 00:AB:FA:B1:07:34
- D. ::1

4. A technician, Joe, needs to troubleshoot a recently installed NIC. He decides to ping the local loopback address. Which of the following is a valid IPv4 loopback address?

- A. 10.0.0.1
- \*B. 127.0.0.1
- C. 172.16.1.1
- D. 192.168.1.1

5. A technician, Joe, has been tasked with assigning two IP addresses to WAN interfaces on connected routers. In order to conserve address space, which of the following subnet masks should Joe use for this subnet? A. /24

B. /32

C. /28

D. /29

\*E. /30

6. A host has been assigned the address 169.254.0.1. This is an example of which of the following address types?

\*A. APIPA

B. MAC

C. Static

D. Public

7. A company wants to create highly available datacenters. Which of the following will allow the company to continue to maintain an Internet presence at all sites in the event that a WAN circuit at one site goes down?

A. Load balancer

B. VRRP

C. OSPF

\*D. BGP

8. An organization requires a second technician to verify changes before applying them to network devices. When checking the configuration of a network device, a technician determines that a coworker has improperly configured the AS number on the device. This would result in which of the following?

A. The OSPF not-so-stubby area is misconfigured

B. Reduced wireless network coverage

C. Spanning tree ports in flooding mode

\*D. BGP routing issues

9. When convergence on a routed network occurs, which of the following is true?

- A. All routers are using hop count as the metric
- B. All routers have the same routing table
- \*C. All routers learn the route to all connected networks
- D. All routers use route summarization

10. An administrator has a virtualization environment that includes a vSAN and iSCSI switching. Which of the following actions could the administrator take to improve the performance of data transfers over iSCSI switches?

- A. The administrator should configure the switch ports to auto-negotiate the proper Ethernet settings.
- B. The administrator should configure each vSAN participant to have its own VLAN.
- C. The administrator should connect the iSCSI switches to each other over inter-switch links (ISL).
- \*D. The administrator should set the MTU to 9000 on each of the participants in the vSAN.

11. Which of the following would be used in an IP-based video conferencing deployment? (Select TWO).

- A. RS-232
- B. 56k modem
- C. Bluetooth
- \*D. Codec
- \*E. SIP

12. Which of the following network elements enables unified communication devices to connect to and traverse traffic onto the PSTN?

- A. Access switch
- \*B. UC gateway
- C. UC server
- D. Edge router

13. A technician is connecting a NAS device to an Ethernet network. Which of the following technologies will be used to encapsulate the frames?

- A. HTTPS
- B. Fibre channel
- \*C. iSCSI
- D. MS-CHAP

14. A SQL server needs several terabytes of disk space available to do an uncompressed backup of a database. Which of the following devices would be the MOST cost efficient to use for this backup?

- A. iSCSI SAN
- B. FCoE SAN
- \*C. NAS
- D. USB flash drive

15. A company has a new offering to provide access to their product from a central location rather than clients internally hosting the product on the client network. The product contains sensitive corporate information that should not be accessible from one client to another. This is an example of which of the following?

- A. Public SaaS
- \*B. Private SaaS
- C. Hybrid IaaS
- D. Community IaaS

16. A technician is helping a SOHO determine where to install the server. Which of the following should be considered FIRST?

- A. Compatibility requirements
- \*B. Environment limitations
- C. Cable length
- D. Equipment limitations

17. A technician has been given a list of requirements for a LAN in an older building using CAT6 cabling. Which of the following environmental conditions should be considered when deciding whether or not to use plenum-rated cables?

- A. Workstation models
- B. Window placement
- C. Floor composition
- \*D. Ceiling airflow condition

18. A VLAN with a gateway offers no security without the addition of:

- \*A. An ACL.
- B. 802.1w.
- C. A RADIUS server.
- D. 802.1d.

19. A Company policies require that all network infrastructure devices send system level information to a centralized server. Which of the following should be implemented to ensure the network administrator can review device error information from one central location?

- A. TACACS+ server
- B. Single sign-on
- \*C. SYSLOG server
- D. Wi-Fi analyzer

20. After a recent breach, the security technician decides the company needs to analyze and aggregate its security logs. Which of the following systems should be used?

- A. Event log
- B. Syslog
- \*C. SIEM
- D. SNMP