N10-006 - Quiz H – 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 does a network technician need to implement if a change is unsuccessful within the approved maintenance window?

A. Configuration procedures

B. Stakeholder notification

C. Impact analysis

*D. Rollback procedure

2. Which of the following is true about the main difference between a web session that uses port 80 and one that uses port 443?

A. Port 80 web sessions often use application-level encryption, while port 443 sessions often use transport-level encryption.

B. Port 80 web session cannot use encryption, while port 443 sessions are encrypted using web certificates.

C. Port 80 web sessions can use web application proxies, while port 443 sessions cannot traverse web application proxies.

*D. Port 80 web sessions are prone to man-in-the-middle attacks, while port 443 sessions are immune from man-in-the-middle attacks.

3. Which of the following is the main difference between TCP and UDP?

A. TCP data flows in two directions, while UDP data flows from server to client.

*B. The TCP header implements flags, while the UDP header does not.

C. The TCP header implements checksum, while the UDP header does not.

D. TCP connections can be secured by stateful firewalls, while UDP connections cannot.

4. Which of the following PDUs is used by a connectionless protocol?

A. Frames

B. Segments

C. Streams

*D. Datagram

5. A network technician has just installed a TFTP server on the administrative segment of the network to store router and switch configurations. After a transfer attempt to the server is made, the process errors out. Which of the following is a cause of the error?

A. Only FTP can be used to copy configurations from switches

B. Anonymous users were not used to log into the TFTP server

C. An inpassword was used and the account is now locked

*D. Port 69 is blocked on a router between the network segments

6. A company installs a new mail server. Which of the following DNS records need to be configured to allow the organization to receive email?

A. CNAME

*B. MX

C. PTR

D. A

7. The administrator modifies a rule on the firewall, and now all the FTP users cannot access the server any longer. The manager calls the administrator and asks what caused the extreme downtime for the server. In regards to the manager's inquiry, which of the following did the administrator forget to do FIRST?

*A. Submit a change request

B. Schedule a maintenance window

C. Provide notification of change to users

D. Document the changes

8. A network administrator noticed that when one computer goes down, all the other computers in the office will not work. Which of the following topologies is in use?

A. Star

B. Ring

C. Hybrid

*D. Bus

E. Mesh

9. There has been an increased amount of successful social engineering attacks at a corporate office. Which of the following will reduce this attack in the near future?

A. Helpdesk training

B. Appropriate use policy

*C. User awareness training

D. Personal Identifiable Information

10. The human resource department has been moved to an area which is more than 60 meters away from the nearest IDF. In order to comply with the SLA which requires that 10Gb speeds be provided, which of the following media will need to utilized?

*A. CAT6e

B. CAT5e

C. 802.11n

D. 802.11ac

11. While troubleshooting, a technician notices that some clients using FTP still work and that pings to the local router and servers are working. The technician tries to ping all known nodes on the network and they reply positively, except for one of the servers. The technician notices that ping works only when the host name is used but not when FQDN is used. Which of the following servers is MOST likely down?

A. WINS server

B. Domaincontroller

C. DHCP server

*D. DNS server

12. An area to which access is controlled by retina scan is protected by which of the following security measure types?

A. Two-factor authentication

*B. Biometric

C. Cipher locks

D. Optical reader

E. Proximity reader

13. Which of the following should be used to ensure a specific device always receives the same IP address?

A. IP helper

*B. Reservation

C. Address lease

D. DHCP scope

E. DHCP relay

14. Users connecting to an SSID appear to be unable to authenticate to the captive portal. Which of the following is the cause of this issue?

A. WPA2 security key

B. SSL certificates

C. CSMA/CA

*D. RADIUS

15. A company owns four kiosks that are in close proximity within a shopping center. The owner is concerned about someone accessing the internet via the kiosk's wireless network. Which of the following should be implemented to provide wireless access only to the employees working at the kiosk?

A. Firewall

B. Web filtering

*C. MAC filtering

D. Host-based antivirus

16. Which of the following applies to data as it travels from Layer 1 to Layer 7 of the OSI model?

A. Tagging

B. Encapsulation

C. Tunneling

*D. De-encapsulation

17. A T1 line has lost connectivity to the ISP. The ISP has instructed the technician to place a loopback on a device connecting the T1 line to their central office. On which of the following devices will the technician implement the loopback?

A. Channel remote module

B. Fiber optic modem

*C. Channel service unit

D. Digital subscriber line modem

18. Routing prefixes which are assigned in blocks by IANA and distributed by the Regional Internet Registry (RIR) are known as which of the following?

A. Network handle

*B. Autonomous system number

C. Route aggregation

D. Top level domain

19. QoS operates at which of the following OSI model layers? (Select TWO)

A. Layer 1

*B. Layer 2

*C. Layer 3

D. Layer 5

E. Layer 7

20. A client reports that half of the marketing department is unable to access network resources. The technician determines that the switch has failed and needs to replace it. Which of the following would be the MOST helpful in regaining connectivity?

A. VLAN configuration

B. Network diagram

*C. Configuration backup

D. Router image