

Exam : CompTIA N10-004

**Title : CompTIA Network+ (2009
Edition)**

Version : Demo

1. In which of the following topologies could the failure of one machine cause the entire network to stop functioning?

- A. Mesh
- B. Token ring
- C. Star
- D. Spanning tree

Answer: B

2. Which of the following has a maximum data rate of 11Mbps?

- A. 802.11n
- B. 802.11g
- C. 802.11b
- D. 802.11a

Answer: C

3. A small company needs to temporarily extend its call center by ten employees. The company decides to rent office space on the opposite side of the building; the two spaces are 400 feet (122 meters) apart. Which of the following is the MOST cost effective solution?

- A. Install a new T1 line for that office.
- B. Use a wireless repeater and a WAP.
- C. Connect the two offices with fiber.
- D. Install gigabit switches and run Ethernet.

Answer: B

4. A user contacts a technician and states, "The network is down." After further investigation the user is unable to get to a file share on the LAN. Which of the following is the NEXT step the technician should take to help determine the root cause of the problem?

- A. Have the user ping the default gateway.
- B. Unplug and then plug the network cable back in.
- C. Reboot the core router.

D. Have the user run netstat.

Answer: A

5. A network sniffer has been set up on a switch port in an attempt to monitor traffic from another switch port.

Which of the following technologies would allow this to work in a switched network?

A. Spanning tree

B. Port trunking

C. Port mirroring

D. VLANs

Answer: C

6. A firewall acts at which layer of the OSI model to perform content filtering?

A. Session

B. Presentation

C. Network

D. Application

Answer: D

7. Which of the following is a distance vector routing protocol?

A. OSPF

B. RIP

C. IS-IS

D. EIGRP

Answer: B

8. Where does the responsibility for maintenance and support shift from the telecommunication company to the customer?

A. Central office

B. Where the telecommunication lines enter the building

C. Smart jack

D. Demarc

Answer: D

9. Which of the following is the purpose of QoS?

- A. Load balance traffic across multiple LAN and WAN links.
- B. Increase speed of network traffic.
- C. Classify, mark, and prioritize traffic on WAN and LAN links.
- D. Guarantee traffic delivery.

Answer: C

10. An end user is able to connect to a wireless network and is able to browse the Internet, yet is unable to access network servers. Which of the following is the MOST likely cause of the problem?

- A. The end user is connected to the incorrect wireless network.
- B. The device is configured with an incorrect subnet mask.
- C. There is a problem with the DNS server.
- D. The network card is malfunctioning.

Answer: A

11. A workstation on the network can ping hosts on the network but it cannot ping any addresses on the Internet. Other hosts on the same network can connect to the Internet. Which of the following should the technician check?

- A. The DNS server entries
- B. The network card
- C. The default gateway
- D. The hosts file

Answer: C

12. Which of the following classes is the address 208.177.23.1?

- A. Class A
- B. Class B

C. Class C

D. Class D

Answer: C

13. Which of the following services can an administrator use to reduce latency and prioritize the flow of data?

A. Fault tolerance

B. RADIUS

C. QoS

D. Load balancing

Answer: C

14. A technician is running new CAT5 cables; which tool should be used to terminate the cables at the patch panel?

A. Cable crimper

B. Punch down tool

C. Toner probe

D. Multimeter

Answer: B

15. Refer to the attached Exhibit. In the diagram, which of the following would be a single point of failure with the highest impact to systems?

A. Connection between switch A and switch B failing

B. Connection between the router and switch A failing

C. Switch A failing

D. Router failing

Answer: C

16. Which of the following ports would be commonly used for email traffic?

A. 20

- B. 80
- C. 110
- D. 443

Answer: C

17. Which of the following ports would be commonly used for HTTP?

- A. 20
- B. 23
- C. 80
- D. 443

Answer: C

18. Which of the following routing protocols runs over UDP and determines path based upon distance vectors?

- A. RIP
- B. OSPF
- C. BGP
- D. IS-IS

Answer: A

19. In which of the following would a technician need to use a punch down tool in order to end a cable?

- A. To terminate a fiber connection in an IDF
- B. To terminate cable into a patch panel
- C. To terminate a rollover cable to a network device
- D. To connect a patch cable to a wall jack

Answer: B

20. Which of the following topologies is the MOST fault tolerant?

- A. Star
- B. Bus

C. Ring

D. Mesh

Answer: D