

Microsoft

Exam 98-366

Networking Fundamentals

Version: 10.0

[Total Questions: 176]

Question No : 1

One advantage of dynamic routing is that it:

- A. Automatically maintains routing tables.
- B. Limits traffic derived from routing protocols.
- C. Reduces broadcast traffic.
- D. Automatically enables DHCP.

Answer: A

Question No : 2

Which of the following represents a Media Access Control (MAC) address?

- A. GV:ZC:KK:DK:FZ:CA
- B. 255.255.255.0
- C. 05:35:AB:6E:AI:25
- D. 127.0.0.1

Answer: C

Question No : 3

Connecting to a private network address from a public network requires:

- A. Network address translation (NAT).
- B. Dynamic Host Configuration Protocol (DHCP).
- C. Network Access Protection (NAP).
- D. Dynamic domain name system (DDNS).

Answer: A

Question No : 4

A network device that associates a Media Access Control (MAC) address with a port is a:

- A. DSL modem
- B. Hub
- C. Router
- D. Switch

Answer: D

Question No : 5

A Layer 2 device that connects multiple computers within a network is a:

- A. Repeater
- B. Switch
- C. Router
- D. Packet

Answer: B

Question No : 6

A cable that meets the 1000BaseT standard has a maximum length of:

- A. 100 m
- B. 250 m
- C. 500 m
- D. 1,000 m

Answer: A

Question No : 7

A router's static route is set by the:

- A. Adjacent network
- B. Next upstream router
- C. Network administrator
- D. Routing protocol

Answer: C

Question No : 8

Which setting is used to determine the Domain Name System (DNS) settings on a client computer?

- A. TELNET
- B. NSLOOKUP
- C. PATHPING
- D. NETSTAT

Answer: B

Question No : 9

The default subnet mask for a Class B network is:

- A. 0.0.0.255
- B. 0.0.255.255
- C. 255.0.0.0
- D. 255.255.0.0

Answer: D

Question No : 10

The default port used for SMTP is:

- A. 23
- B. 25
- C. 80
- D. 8080

Answer: B

Question No : 11

The ping tool is used to: (Choose two.)

- A. Determine the network portion of a host address.
- B. Self-test a host's own network interface.
- C. Determine whether a host is reachable.
- D. Manage a host's session when UDP is used.

Answer: B,C

Question No : 12

Which of the following are features of DHCP? (Choose two.)

- A. IP address resolution to canonical names
- B. Secure shell connections
- C. Address reservation
- D. Network file transfer
- E. IP address exclusion

Answer: C,E

Question No : 13

The command-line tool used to list a host's active incoming connections is:

- A. NETSTAT
- B. IPCONFIG
- C. NSLOOKUP
- D. PING

Answer: A

Question No : 14

A computer that has an IP address of 169.254.0.1 cannot access the network.

Which of the following services should you confirm is available?

- A. WINS
- B. DNS
- C. DHCP
- D. TFTP

Answer: C

Question No : 15

Which network does the IP address 220.100.100.100 belong to?

- A. 220.100.100.0/24
- B. 220.100.100.1/24
- C. 255.255.255.0/24
- D. 255.255.255.1/24

Answer: A

Question No : 16

Which subnet mask is valid?

- A. 255.255.255.240
- B. 255.255.255.228
- C. 255.255.255.164
- D. 255.255.255.245

Answer: A

Question No : 17

A service that resolves NetBIOS names to IP addresses is:

- A. Domain Name Service (DNS).
- B. Internet Service Provider (ISP).
- C. Address Resolution Protocol (ARP).
- D. Windows Internet Name Service (WINS).

Answer: D

Question No : 18

What type of DNS record maps host names to addresses?

- A. Mail Exchanger (MX) DNS record
- B. Service (SRV) DNS record
- C. Host (A) DNS record
- D. Canonical (CNAME) DNS record

Answer: C

Question No : 19

Teredo tunneling is a protocol that:

- A. Translates Internet Protocol version 4 (IPv4) to Internet Protocol version 6 (IPv6).
- B. Allows IPv6 connectivity through IPv4 devices.
- C. Provides VPN security.
- D. Dynamically allocates IPv6 addresses.

Answer: B

Question No : 20

What is the default subnet mask for a Class C Internet network?

- A. 255.255.255.252
- B. 255.255.255.240
- C. 255.255.255.192
- D. 255.255.255.0

Answer: D

Question No : 21

The default port used for telnet is:

- A. 23
- B. 25
- C. 80
- D. 8080

Answer: A

Question No : 22

When a client's DHCP-issued address expires, the client will:

- A. Select a new address and request approval from the DHCP server.
- B. Require manual configuration with a static IP address.
- C. Attempt to obtain a new address by broadcasting.
- D. Continue to use the address until it is notified to stop.

Answer: C

Question No : 23

You ping a server by using fully qualified domain name (FQDN) and do not receive a response. You then ping the same server by using its IP address and receive a response.

Why do you receive a response on the second attempt but not on the first attempt?

- A. PING is improperly configured.
- B. The DNS is not resolving.
- C. The DHCP server is offline.
- D. NSLOOKUP is stopped.

Answer: B

Question No : 24

A Media Access Control (MAC) address identifies a/an:

- A. UPnP device.
- B. Local broadcast domain.
- C. Network interface card (NIC).
- D. Local area network (LAN).

Answer: C

Question No : 25

Two companies want to share data by using the Internet.

Which type of network provides the solution?

- A. Ethernet
- B. Intranet
- C. Extranet
- D. Perimeter

Answer: C

Question No : 26

VPNs are implemented to provide:

- A. A secure connection within a private network.
- B. A secure connection through public networks.
- C. Additional encryption by using IPSec.
- D. Additional security for selected computers.

Answer: B

Question No : 27

If an 802.11g Internet connection has connectivity problems, what may be the cause?

- A. A cordless phone
- B. A cellular phone
- C. Incandescent lights
- D. Electromagnetic interference (EMI)

Answer: D

Question No : 28

Which of these factors has the biggest impact on data transmission speed in a wireless network?

- A. The access method used for the network
- B. The transmission standard of the equipment used
- C. The use of strong encryption for transmissions
- D. The transmission wattage rating used on the NIC

Answer: B

Question No : 29

Which of the following uses a tunneling protocol?

- A. Internet
- B. VPN
- C. Extranet
- D. VLAN

Answer: B