Practice Exam Questions

Networking Fundamentals

EXAMAIDES

PASS YOUR EXAM AT FIRST TRY

Total Question: 176 QAs

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:GE: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.