QUESTION What is true about Ethernet? (Choose two.)

A. 802.2 Protocol

B. 802.3 Protocol

C. 10BaseT half duplex

D. CSMA/CD Stops transmitting when congestion occurs

E. CSMA/CA Stops transmitting when congestion occurs

QUESTION What are contained in layer 2 ethernet frame? (Choose Three.)

A. Preamble

B. TTL

C. Type/length

D. Frame check sequence

E. version

F. others

QUESTION. What two results would occur if the hub were to be replaced with a switch that is configured with one Ethernet VLAN (Choose two.)?

A. The number of collision domains would remain the same.

B. The number of collision domains would decrease.

C. The number of collision domains would increase.

D. The number of broadcast domains would remain the same.

E. The number of broadcast domains would decrease.

F. The number of broadcast domains would increase.

QUESTION. If there are 3 hosts connected in one port of a switch and two other hosts connected in another port, how may collision domains are present on the router?

A. 5

B. 2

C. 3

D. 4

QUESTION. If a router has four interfaces and each interface is connected to four switches, how many broadcast domains are present on the router?

A. 1

B. 2

C. 4

D. 8

QUESTION. CIDR notation (255.255.255.252 ) / notation ?

A. 30

B. 31

C. 32

D. 33

QUESTION 133. How do you configure a hostname?

A. Router(config)#hostname R1

B.Router#hostname R1

QUESTION. If you are configuring syslog messages specifying ‘logging trap warning’, which log messages will the router send?

A. 0-4

B. 0-5

C. 0-6

D. 0-1

QUESTION. If you configure syslog messages without specifying the logging trap level, which log messages will the router send?

A. 0-4

B. 0-5

C. 0-2

D. 0-6

QUESTION. Which logging command can enable administrators to correlate syslog messages with millisecond precision?

A. no logging console

B. no logging monitor

C. service timestamps log datetime mscec

D. logging host 10.2.0.21

QUESTION. Which command would you configure globally on a Cisco router that would allow you to view directly connected Cisco devices?

A. enable cdp

B. cdp run

C. run cdp

QUESTION. Which statement about LLDP is true?

A. It is a Cisco proprietary protocol.

B. It is configured in global configuration mode.

C. It runs over the transport layer.

QUESTION Which two command can you enter to display the current time sources statistics on devices (Choose two)?

A. Show ntp associations.

B. Show clock details.

C. Show ntp status

QUESTION. If a router has four interfaces and each interface is connected to four switches, how many broadcast domains are present on the router?

A. 1

B. 2

C. 4

D. 8

QUESTION. Two hosts are attached to a switch with the default configuration. Which statement about the configuration is true?

A. IP routing must be enabled to allow the two hosts to communicate.

B. The two hosts are in the same broadcast domain.

C. The switch must be configured with a VLAN to allow the two hosts to communicate.

D. Port security prevents the hosts from connecting to the switch.

QUESTION .Which of the following statements describe the network shown in the graphic?

What are the proper statements?. (Choose two)

A. There are two broadcast domains in the network.

B. There are four broadcast domains in the network.

C. There are six broadcast domains in the network.

D. There are four collision domains in the network.

E. There are five collision domains in the network.

F. There are seven collision domains in the network.



QUESTION. What are two benefits of private IPv4 IP addresses? (Choose two.)

A. They are routed the same as public IP addresses.

B. They are less costly than public IP addresses.

C. They can be assigned to devices without Internet connections.

D. They eliminate the necessity for NAT policies.

E. They eliminate duplicate IP conflicts.

QUESTION. Which technology supports the stateless assignment of IPv6 addresses?

A. DNS

B. DHCPv6

C. DHCP

D. autoconfiguration

QUESTION. Which two statements about IPv6 router advertisement messages are true? (Choose two.)

A. They use ICMPv6 type 134.\*

B. The advertised prefix length must be 64 bits.\*

C. The advertised prefix length must be 48 bits.

D. They are sourced from the configured IPv6 interface address.

QUESTION. In which two formats can the IPv6 address fd15:0db8:0000:0000:0700:0003:400F:572B be written? (Choose two.)

A. fd15:0db8:0000:0000:700:3:400F:527B\*

B. fd15::db8::700:3:400F:527B

C. fd15:db8:0::700:3:4F:527B

D. fd15:0db8::7:3:4F:527B

E. fd15:db8::700:3:400F:572\*

QUESTION. Which three statements about IPv6 prefixes are true?(Choose Three.)

A. FEC0::/10 is used for IPv6 broadcast.

B. FC00::/7 is used in private networks.\*

C. FE80::/8 is used for link-local unicast.

D. FE80::/10 is used for link-local unicast.\*

E. 2001::1/127 is used for loopback addresses.

F. FF00::/8 is used for IPv6 multicast.\*

QUESTION. Which command can you enter to verify that a 128-bit address is live and responding?

A. traceroute

B. telnet

C. ping \*

D. show ipv6

QUESTION. Which IPV6 feature is supported in IPV4 but is not commonly used?

A. unicast

B. multicast

C. anycast\*

D. broadcast

QUESTION. How many bits represent network id in a IPv6 address?

A. 32

B. 48 C. 64

D. 128\*