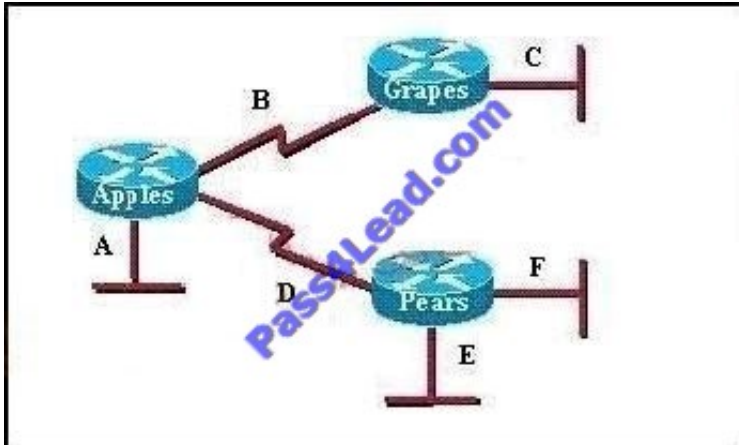**Vendor:**Cisco

Exam Code:640-822

Exam Name: Interconnecting Cisco Networking
Devices Part 1

Version: Demo

QUESTION 1

The RIP network shown in the graphic has been fully operational for two days. Each routing table is complete.

Which networks will be included in the next routing update from the Apples router to the Pears router?

A. A, B, C, D, E, F

B. A, C

C. A, B, C, D

D. B, D

E. D, E, F

F. A, B, C

Correct Answer: F

QUESTION 2

What service do DNS servers provide?

A. Given an IP address, DNS servers determine the name of the host that is sought.

B. They resolve domain names to IP addresses.

C. They run a spell check on host names to ensure accurate routing.

D. They map individual hosts to their specific IP addresses.

E. They provide names for network resources such as printers and servers.

Correct Answer: B

QUESTION 3

A single 802.11g access point has been configured and installed in the center of a square office. A few wireless users are experiencing slow performance and drops while most users are operating at peak efficiency. What are three likely causes of this problem? (Choose three.)

A. mismatched TKIP encryption

B. null SSID

C. cordless phones

D. mismatched SSID

E. metal file cabinets

F. antenna type or direction

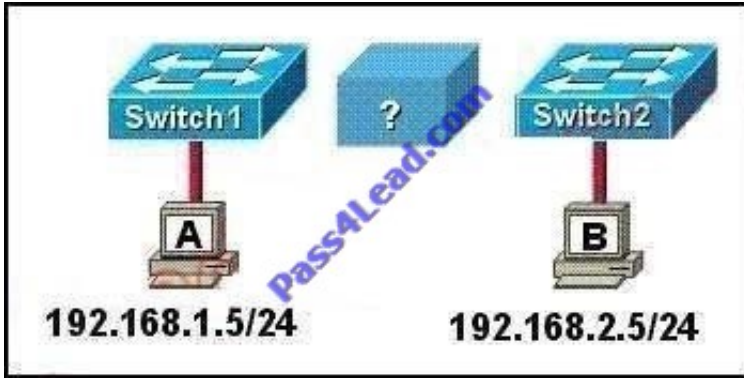Correct Answer: CEF

QUESTION 4

A small company has a Class C network address and needs to create five subnets, each accommodating 25 hosts. Which subnet mask needs to be configured?

A. 255.255.240.0

B. 255.255.255.128

C. 255.255.255.192

D. 255.255.255.224

E. 255.255.255.240

F. 255.255.255.248

Correct Answer: D

QUESTION 5

Refer to the exhibit. What is needed to allow host A to ping host B?

A. a straight-through cable connecting the switches

B. a crossover cable connecting the switches

C. a router connected to the switches with straight-through cables

D. a CSU/DSU connected to the switches with straight-through cables

E. a backbone switch connecting the switches with either fiber optic or straight-through cables

Correct Answer: C

QUESTION 6

Refer to the exhibit. The two connected ports on the switch are not turning orange or green. What would be the most effective steps to troubleshoot this physical layer problem? (Choose three.)
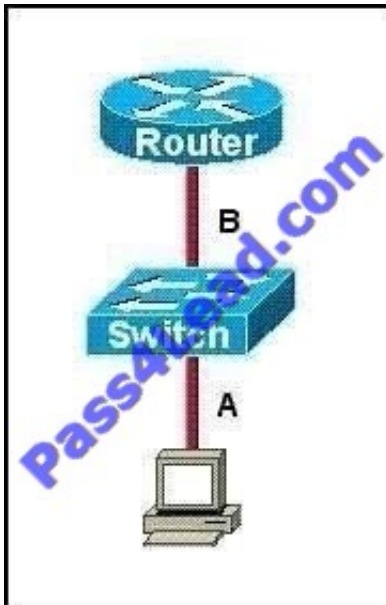
A. Ensure that the Ethernet encapsulations match on the interconnected router and switch ports.

B. Ensure that cables A and B are straight-through cables.
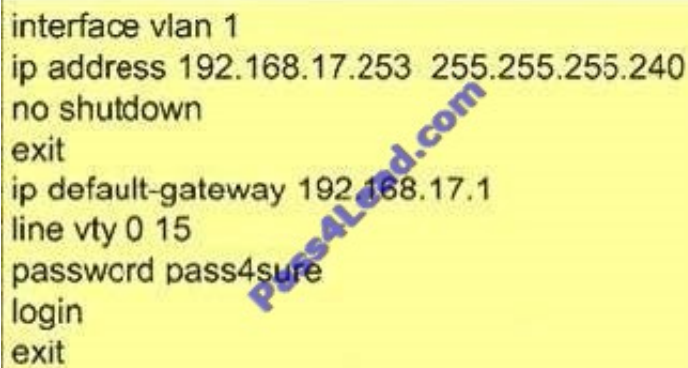
C. Ensure cable A is plugged into a trunk port.

D. Ensure the switch has power.

E. Reboot all of the devices.

F. Reseat all cables.

Correct Answer: BDF

QUESTION 7

Refer to the exhibit.

```
interface vlan 1
ip address 192.168.17.253  255.255.255.240
no shutdown
exit
ip default-gateway 192.168.17.1
line vty 0 15
password pass4sure
login
exit
```

A network administrator has configured a Catalyst 2950 switch for remote management by pasting into the console the configuration commands that are shown in the exhibit. However, a Telnet session cannot be successfully established from a remote host. What should be done to fix this problem?

A. Change the first line to interface fastethernet 0/1.

B. Change the first line to interface vlan 0/1.

C. Change the fifth line to ip default-gateway 192.168.17.241.

D. Change the fifth line to ip route 0.0.0.0 0.0.0.0 192.168.17.1.

E. Change the sixth line to line con 0.

Correct Answer: C

QUESTION 8

Refer to the exhibit.

```
RouterA# show running-config
Building configuration...

Current configuration : 1062 bytes
!
version 12.3
!
hostname RouterA
!
boot-start-marker
boot-end-marker
!
enable password cisco
!
no aaa new-model
ip subnet-zero
ip cef
!
no ip domain lookup
ip domain name cisco.com
ip name-server 209.165.202.129
!
<output omitted>
```

Based on the RouterA configuration shown, and assuming that all routing is operational, DNS lookups to 209.165.202.129 will fail for which reason?

A. Cisco.com will be incorrectly appended to all non-Cisco DNS queries.

B. DHCP has not been enabled or configured.

C. AAA must be configured for authentication of the DNS server.

D. DNS queries are currently disabled.

Correct Answer: D

QUESTION 9

On a Cisco router which two router modes can be protected by a password? (Choose two.)
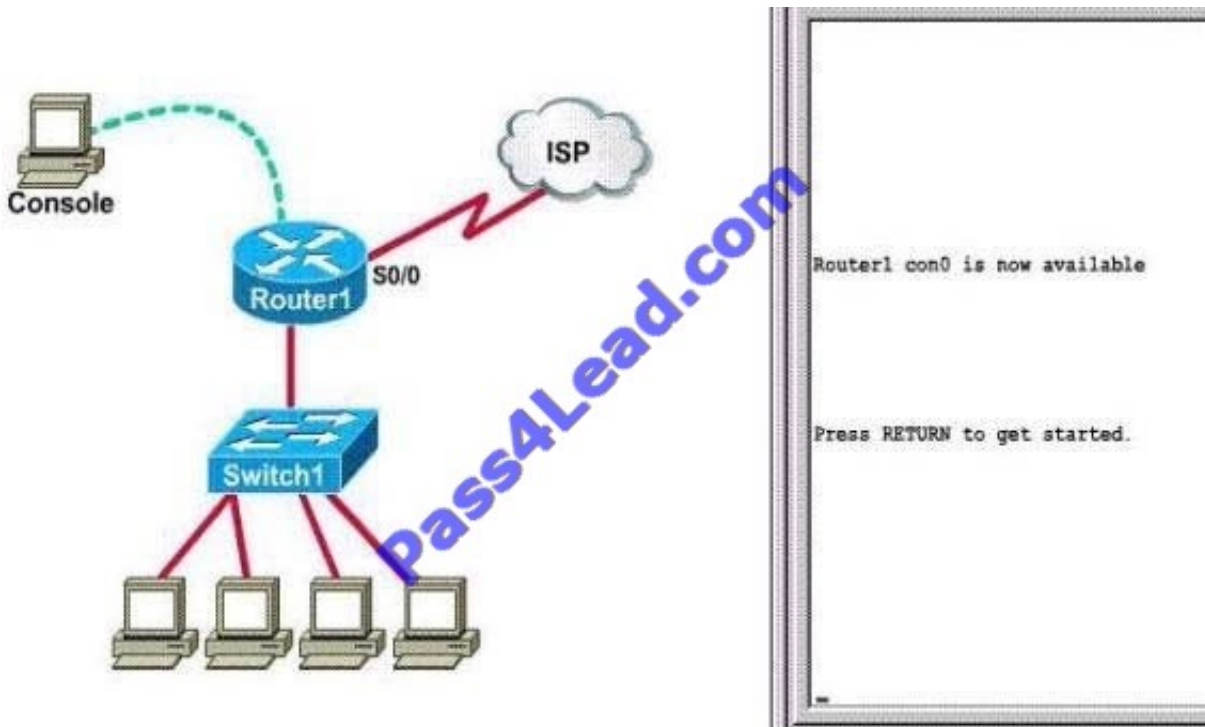
A. user mode

B. privileged mode

C. global configuration mode

D. router configuration mode

E. interface configuration mode

Correct Answer: AB

QUESTION 10

Refer to the topology below.

The hosts in the LAN are not able to connect to the Internet. Which commands will correct this issue?

A. Router1(conf)# interface fa0/0 Router1(conf-if)# no shutdown

B. Routed (conf)# interface fa0/1 Router1(conf-if)# no shutdown

C. Router1(conf)# interface s0/0 Router1(conf-if)# no shutdown

D. Router1(conf)# interface s0/1 Router1(conf-if)# no shutdown

E. Router1(conf)# interface s0/0 Router1(conf-if)# ip address 10.11.12.13 255.255.255.252

F. Router1(conf)# interface s0/1 Routerl (conf-if)# ip address 10.11.12.13 255.255.255.252

Correct Answer: C

QUESTION 11

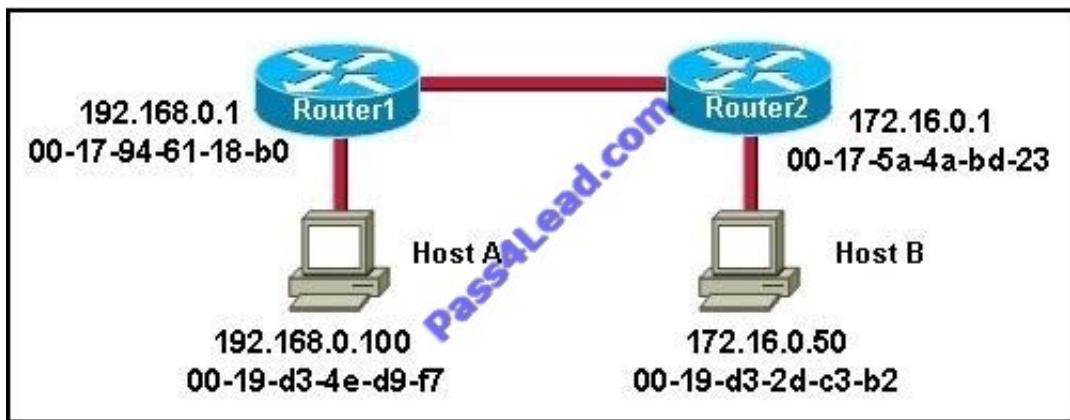In which default order would a router load a Cisco IOS image?

A. Flash, ROM, TFTP

B. RAM, Flash, TFTP

C. Flash, TFTP, ROM

D. NVRAM, TFTP, Flash

E. Flash, NVRAM, TFTP

Correct Answer: C

QUESTION 12

Refer to the exhibit.

Host A is sending a packet to Host B for the first time. What destination MAC address will Host A use in the ARP request?

A. 192.168.0.1

B. 172.16.0.50

C. 00-17-94-61-18-b0

D. 00-19-d3-2d-c3-b2

E. ff-ff-ff-ff-ff-ff

F. 255.255.255.255

Correct Answer: E

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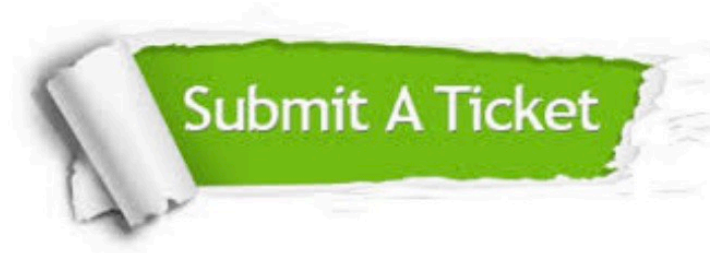
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