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# 640-822

Interconnecting Cisco Networking Devices Part  
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DEMO

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Note: The answer is for reference only, you need to understand all question.

### QUESTION 1

Which three statements are true about the operation of a full-duplex Ethernet network? (Choose three.)

- A. There are no collisions in full-duplex mode.
- B. A dedicated switch port is required for each full-duplex node.
- C. Ethernet hub ports are preconfigured for full-duplex mode.
- D. In a full-duplex environment, the host network card must check for the availability of the network media before transmitting.
- E. The host network card and the switch port must be capable of operating in full-duplex mode.

**Answer:** ABE

### QUESTION 2

Which router command can be used to determine the status of Serial 0/0?

- A. show ip route
- B. show interfaces
- C. show s0/0 status
- D. debug s0/0
- E. show run
- F. show version

**Answer:** B

### QUESTION 3

Which commands display information about the Cisco IOS software version currently running on a router? (Choose three.)

- A. show running-config
- B. show stacks
- C. show version
- D. show flash
- E. show protocols
- F. show IOS

**Answer:** ACD

**QUESTION 4**

After the shutdown command has been issued on the serial 0/0 interface, what will be displayed when the show interface serial 0/0 command is issued by the administrator?

- A. Serial0/0 is administratively down, line protocol is down
- B. Serial0/0 is down, line protocol is down
- C. Serial0/0 is up, line protocol is down
- D. Serial0/0 is administratively down, line protocol is administratively down
- E. Serial0/0 is up, line protocol is up
- F. Serial0/0 is down, line protocol is up

**Answer: A**

**QUESTION 5**

Refer to the output of the three router commands shown in the exhibit. A new technician has been told to add a new LAN to the company router. Why has the technician received the error message that is shown following the last command?

```

Router# show version
Cisco Internetwork Operating System Software
IOS (tm) C2600 Software (C2600-DO3S-M), Version 12.1(5)T12,
RELEASE SOFTWARE (fc1)
TAC Support: http://www.cisco.com/tac
Copyright (c) 1986-2002 by cisco Systems, Inc.
Copyright (c) 1986-2002 by cisco Systems, Inc.
Image text-base: 0x80008088, data-base: 0x81169C28

ROM: System Bootstrap, Version 12.2(10r)1, RELEASE
SOFTWARE (fc1)

Router uptime is 10 minutes
System returned to ROM by power-on
System image file is "flash:c2600-do3s-mz.121-5.T12.bin"

cisco 2621 (MPC860) processor (revision 0x00) with
44032K/5120K bytes of memory

Processor board ID JAD06390AR4 (617842770)
M860 processor: part number 0, mask 49
Bridging software.
X.25 software, Version 3.0.0.
Basic Rate ISDN software, Version 1.1.
2 FastEthernet/IEEE 802.3 interface(s)
2 Low-speed serial(sync/async) network interface(s)
1 ISDN Basic Rate interface(s)
32K bytes of non-volatile configuration memory.
16384K bytes of processor board System flash (Read/Write)

Configuration register is 0x2102

```

```

Router# configure terminal
Enter configuration commands, one per line.
End with CNTL/Z.
Router(config)# interface e0
                                     ^
% Invalid input detected at '^' marker.

```

- A. The interface was already configured.
- B. The interface type does not exist on this router platform.
- C. The IOS software loaded on the router is outdated.
- D. The router does not support LAN interfaces that use Ethernet.
- E. The command was entered from the wrong prompt.

**Answer: B**

#### QUESTION 6

The system LED is amber on a Cisco Catalyst 2950 series switch. What does this indicate?

- A. The system is malfunctioning.
- B. The system is not powered up.
- C. The system is powered up and operational.
- D. The system is forwarding traffic.
- E. The system is sensing excessive collisions.