



## **920-805**

**(Nortel Data Networking Technology)**

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## Question: 1

**A manufacturing company is building a new plant. The equipment in the plant has been known to cause interference with the network at other sites and they want to be sure that they choose a media that is resistant to electrical interference. Which type of cable should they use?**

- A. Thick coaxial cable
- B. Fiber optic cable
- C. Unshielded twisted pair
- D. Plenum twisted pair

Answer: B

## Question: 2

**A department was moved from one floor to another. When the department was on the old floor, the users connected through a mixture of 10 Mb hubs and 10/100 Mb switches. When the department was moved all the hubs were replaced by 10/100 Mb switches. Two of the users are reporting that the network is much slower on the new floor even though the hubs were replaced. You discover that the switch ports these users connect to were used to connect to the hubs and are manually configured for 10Mb half-duplex. The PCs were connected to the switch and were manually configured for 100 Mb full-duplex. What could have been done to avoid this issue?**

- A. Auto-negotiation only needed to be enabled on the switch.
- B. Auto-negotiation should have been enabled on the switch ports and on the PCs.
- C. Auto-sensing only needed to be enabled on the switch.
- D. Auto-sensing should have been enabled on the switch ports and on the PCs.

Answer: B

## Question: 3

**A corporation has decided to save money and buy remanufactured IP telephones. They purchased Phase 1 (One) IP telephones that do not support Power-over-Ethernet (PoE). The Ethernet Switches they purchased do supply PoE per the IEEE 802.3af specifications. Which statement regarding the Phase 1 IP telephones is true?**

- A. They must be plugged into AC power outlets to function.
- B. They can use a power splitter to receive both power and data from the Ethernet Switch.
- C. They can use a power splitter to receive both power and data from the Ethernet Switch, but must also be attached to an AC outlet to boot and acquire an IP address.
- D. They must be plugged into AC power outlets to boot and acquire an IP address. After the telephone is operating, it can operate off the Ethernet Switch only.

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Answer: B

Question: 4

Which order is correct for the following?

- A. Destination MAC address, Source MAC address, CS
- B. Destination MAC address, CS, Source MAC address
- C. Source MAC address, Destination MAC address, CS
- D. Source MAC address, CS, Destination MAC address

CS  
 CS  
 CS  
 CS

Answer: A

Question: 5

Which statement about broadcast domains is correct?

- A. When a connection is made between two devices, a broadcast domain is created.
- B. When a connection is made between two devices, a broadcast domain is destroyed.
- C. When a hub is used to connect two devices, the same broadcast domain is created.
- D. When a switch is used to connect two devices, the same broadcast domain is created.

is?

contains two devices.  
 contains two devices.  
 domain but not in  
 are in the same

Answer: B

Question: 6

Which function do Routers perform?

- A. Route policies and redistribute routes
- B. OSPF redistribute routes
- C. RIP announce policies
- D. BGP redistribute routes

perform?

le area.  
 in the routing table.  
 using BGP.

# 920-805 Demo Exam