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# 98-366

## Networking Fundamentals

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## Exam A

### QUESTION NO: 1

You are employed as a network designer at ABC.com.

A ABC.com client has requested a network setup for his home office. The network has to be cost effective, and easy to extend and implement. Furthermore, the client wants his workstations connected by a single cable.

Which of the following network topologies should you use?

- A. A star network topology.
- B. A bus network topology.
- C. A mesh network topology.
- D. A ring network topology.

**Answer: B**

### QUESTION NO: 2

You are employed as a network designer at ABC.com.

You have recently designed a home office network for ABC.com that includes a switch.

Which of the following are TRUE with regards to network switches? (Choose all that apply.)

- A. It keeps track of the MAC addresses attached to each of its ports and directs traffic intended for a particular address only to the port to which it is attached.
- B. It keeps track of the IP addresses attached to each of its ports and directs traffic intended for a particular address only to the port to which it is attached.
- C. It operates at the Physical layer of the OSI model.
- D. It operates at the Data-Link layer of the OSI model.

**Answer:** A,D

**QUESTION NO: 3**

You are employed as a network administrator at ABC.com. The ABC.com network consists of a single domain named ABC.com.

As part of a training exercise, you have been asked to identify the layer that allows applications and a number of user functions access to the network.

Which of the following options represents your response?

- A. The document layer.
- B. The application layer.
- C. The system layer.
- D. The Data-link layer.

**Answer:** B

**QUESTION NO: 4**

You are employed as a network administrator at ABC.com. The ABC.com network consists of a single domain named ABC.com.

You have been tasked with making sure that ABC.com' s network includes a server that converts NetBIOS names to IP addresses.

Which of the following actions should you take?

- A. You should consider adding a DHCP server to the ABC.com network.
- B. You should consider adding a DNS server to the ABC.com network.
- C. You should consider adding a Web server to the ABC.com network.
- D. You should consider adding a WINS server to the ABC.com network.

**Answer: D**

**QUESTION NO: 5**

You are employed as a network designer at ABC.com.

ABC.com's network is made up of two network segments, named Subnet A and Subnet B. DHCP clients are located on Subnet A. A DHCP server, named ABC-SR07, is located on Subnet B.

You need to make sure that DHCP clients are able to connect to ABC-SR07.

Which of the following actions should you take?

- A. You should make sure that the RRAS service is configured.
- B. You should make sure that the Web service is configured.
- C. You should make sure that the DNS service is configured.
- D. You should make sure that the DHCP relay agent service is configured.

**Answer: D**

**QUESTION NO: 6**

You are employed as a network designer at ABC.com.

You are in the process of designing a FDDI network for ABC.com's environment.

Which of the following is TRUE with regards to a FDDI network? (Choose all that apply.)

- A. An FDDI network cannot contain rings that are longer than 100 kilometers respectively.
- B. An FDDI network can contain rings that exceed 100 kilometers respectively.
- C. Each ring in a FDDI network can support a maximum of 500 nodes.
- D. Each ring in a FDDI network can support a maximum of 50 nodes.