



**Vendor:** CompTIA

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**Version:** DEMO









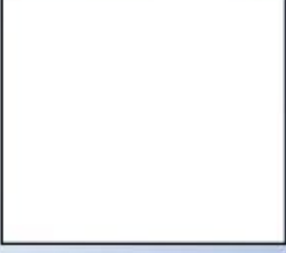

**Note: Updated 9 Lab Simulator Questions.**

### QUESTION 1






Drag and Drop Question

Drag and drop each networking tool to the MOST appropriate descriptor.

Each tool may only be used once.

Used to verify known good patch cables		
Used to correct open short on a cable		
Used to determine which port a CAT6 cable is connected to		
Used to verify functionality after a NIC is installed		
Used to terminate a cable at a 110 block		

**Answer:**

Used to verify known good patch cables		
Used to correct open short on a cable		
Used to determine which port a CAT6 cable is connected to		
Used to verify functionality after a NIC is installed		
Used to terminate a cable at a 110 block		

## QUESTION 2

An administrator would like to decrease the load time of common websites that employees review daily. Which of the following can be installed?

- A. Load balancing
- B. VPN concentrator
- C. Caching server
- D. Fault tolerance

**Answer: C**

**QUESTION 3**

Which of the following network topologies is MOST likely used in remote access VPN?

- A. Point to Point
- B. Bus
- C. Ring
- D. Mesh

**Answer: A**

**QUESTION 4**

Which of the following uses a 128-bit addressing scheme?

- A. MAC
- B. DHCP
- C. IPv4
- D. IPv6

**Answer: D**

**QUESTION 5**

Which of the following protocols exchange the latest information that has changed in the routing table?

- A. TFTP
- B. BGP
- C. OSPF
- D. IGMP

**Answer: C**

**QUESTION 6**

An advertised route learned from one protocol over a different protocol is called:

- A. Co-location
- B. Reallocation
- C. Redundancy
- D. Redistribution

**Answer: D**

**QUESTION 7**

Which of the following tools allows an administrator to identify a cable?

- A. Multimeter

- B. Cable stripper
- C. Toner
- D. Punch down tool

**Answer: C**

**QUESTION 6**

A company is connected to an ISP, but owns the premise router with an internal CSU/DSU. Which of the following is considered the demarc?

- A. Premise router
- B. ISP router
- C. Smart jack
- D. CSU/DSU

**Answer: C**

**QUESTION 7**

Drag and Drop Question

Drag and drop the following maximum speeds to their corresponding wireless standards. Tokens can be used more than once.

Wireless Standard	Maximum Speed
802.11a	<input type="text"/>
802.11b	<input type="text"/>
802.11g	<input type="text"/>
802.11n	<input type="text"/>

10Mbps

11Mbps

54Mbps

56Mbps

>100Mbps

Answer:

Wireless Standard	Maximum Speed	
802.11a	54Mbps	10Mbps
802.11b	11Mbps	11Mbps
802.11g	54Mbps	54Mbps
802.11n	>100Mbps	56Mbps
		>100Mbps

**QUESTION 8**

Which of the following commands can be used on a server to display IP information for a given interface?

- A. nbtstat
- B. dig
- C. ifconfig
- D. msconfig

Answer: C

**QUESTION 9**

Which of the following protocols is the BEST choice for retrieving email on multiple devices?

- A. IMAP4
- B. SMTP
- C. FTP
- D. SNMPv3

Answer: A

**QUESTION 10**

At which of the following locations does the responsibility of a Telco provider cease?

- A. IDF
- B. CSU
- C. Demarc
- D. MDF

**Answer: C**

**QUESTION 11**

A technician has been tasked to set-up a managed switch. Which of the following will the technician need to accomplish this task?

- A. IP address
- B. Switch serial number
- C. VLAN tag
- D. Loopback plug

**Answer: A**

**QUESTION 12**

Which of the following cables has a hard plastic cross inside the cable to separate each pair of wires?

- A. Coaxial
- B. CAT3
- C. CAT5
- D. CAT6a

**Answer: D**

**QUESTION 13**

After the technician has established a theory of probable cause of a user reported problem, which of the following should the technician do NEXT in the troubleshooting process?

- A. Implement the solution to the problem.
- B. Establish a plan of action.
- C. Identify the problem.
- D. Implement preventative measures.

**Answer: B**

**QUESTION 14**

A user is unable to connect to a remote computer using RDP. The technician checks the firewall rules and notes that there is no rule that blocks RDP. Which of the following features of the firewall is responsible for blocking RDP?

- A. Stateful inspection
- B. NAT/PAT

- C. Port security
- D. Implicit deny

**Answer:** D

**QUESTION 15**

Which of the following connectors is used on a coaxial cable?

- A. F
- B. LC
- C. RJ-11
- D. ST

**Answer:** A

**QUESTION 16**

Which of the following properties of DHCP would a technician use to ensure an IP address is not leased out from the active scope?

- A. Reservations
- B. Lease times
- C. Removing IPs from the active leases
- D. Configuring the DNS options

**Answer:** A

**Explanation:**

Reservations are permanent lease assignments that are used to ensure that a specified client on a subnet can always use the same IP address. You can use DHCP reservations for hosts that require a consistent IP address, but do not need to be statically configured.

**QUESTION 17**

A network technician needs to configure a port on a switch to provide connectivity and electrical support to a WAP being installed in a warehouse. Which of the following features needs to be configured on the switch?

- A. STP
- B. PoE
- C. VTP trunking
- D. Port forwarding

**Answer:** B

**Explanation:**

Power over Ethernet or PoE describes any of several standardized or ad-hoc systems which pass electrical power along with data on Ethernet cabling. This allows a single cable to provide both data connection and electrical power to devices such as wireless access points or IP cameras.



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