N10-006

CompTIA Network+

DEMO

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Topic 1, Network Architecture

QUESTION NO: 1

A technician has verified that a recent loss of network connectivity to multiple workstations is due to a bad CAT5 cable in the server room wall. Which of the following tools can be used to locate its physical location within the wall?

A. Cable certifier
B. Multimeter
C. Cable tester
D. Toner probe

Answer: D
Explanation:

QUESTION NO: 2

Which of the following is used to authenticate remote workers who connect from offsite? (Select TWO).

A. OSPF
B. VTP trunking
C. Virtual PBX
D. RADIUS
E. 802.1x

Answer: D,E
Explanation:

QUESTION NO: 3

Which of the following network infrastructure implementations would be used to support files being transferred between Bluetooth-enabled smartphones?

A. PAN
B. LAN
C. WLAN
D. MAN

Answer: A

Explanation:

QUESTION NO: 4

Which of the following would be used in an IP-based video conferencing deployment? (Select TWO).

A. RS-232
B. 56k modem
C. Bluetooth
D. Codec
E. SIP

Answer: D,E
Explanation:

QUESTION NO: 5

Which of the following helps prevent routing loops?

A. Routing table
B. Default gateway
C. Route summarization
D. Split horizon

Answer: D
Explanation:

QUESTION NO: 6

Which of the following is MOST likely to use an RJ-11 connector to connect a computer to an ISP using a POTS line?

A. Multilayer switch
B. Access point
C. Analog modem
D. DOCSIS modem

Answer: C
Explanation:

QUESTION NO: 7

An administrator has a virtualization environment that includes a vSAN and iSCSI switching. Which of the following actions could the administrator take to improve the performance of data transfers over iSCSI switches?

A. The administrator should configure the switch ports to auto-negotiate the proper Ethernet settings.
B. The administrator should configure each vSAN participant to have its own VLAN.
C. The administrator should connect the iSCSI switches to each other over inter-switch links (ISL).
D. The administrator should set the MTU to 9000 on the each of the participants in the vSAN.

Answer: D
Explanation:

QUESTION NO: 8

A network topology that utilizes a central device with point-to-point connections to all other devices is which of the following?

A. Star
B. Ring
C. Mesh
D. Bus

Answer: A
Explanation:

QUESTION NO: 9

A technician is connecting a NAS device to an Ethernet network. Which of the following technologies will be used to encapsulate the frames?

A. HTTPS
B. Fibre channel