

# DUMPS ARENA

## HCNP-R&S-IERN (Huawei Certified Network Professional-Implementing Enterprise Routing Network)

Huawei H12-221

Version Demo

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**QUESTION NO: 1**

Which of the following elements together uniquely identify a LSA? (Select 3 answers)

- A. LS type
- B. Link state ID
- C. Advertising Router
- D. LS Sequence number

**ANSWER: A B C****QUESTION NO: 2**

Which of the following network link type is not the basic network link type defined in OSPF?

- A. P2P
- B. P2MP
- C. Broadcast
- D. Virtual link

**ANSWER: D****QUESTION NO: 3**

In which of the following states do BGP peers refuse to initiate or accept connection requests?

- A. Established
- B. OpenSent
- C. Active
- D. Idle

**ANSWER: D**

**QUESTION NO: 4**

If both the ospf cost and reference-bandwidth are configured on an interface, the value set by the ospf cost command is used as the cost of the interface.

- A. TRUE
- B. FALSE

**ANSWER: A****QUESTION NO: 5**

Which of the following statements regarding the Reverse Path Forwarding (RPF) mechanism are true? (Select 2 answers)

- A. Multicast RPF does not depend on unicast routing.
- B. All multicast protocols adopt the RPF mechanism.
- C. A router discards the received multicast packets if the RPF check fails.
- D. The RPF mechanism has two functions: It prevents multicast routing loops and the forwarding of redundant multicast packets.

**ANSWER: C D****QUESTION NO: 6**

Routes 172.1.12.0/24, 172.1.13.0/24, 172.1.14.0/24, and 172.1.15.0/24 can be summarized into route 172.1.8.0/21.

- A. TRUE
- B. FALSE

**ANSWER: A****QUESTION NO: 7**

A company has four departments. Department A has 80 PCs, Departments B and C both have 20 PCs, and Department D has 30 PCs. Assuming the IP address 192.168.1.0/x is used, which of the following statements are true if the VLSM technology is employed for subnetting? (Select 2 answers)

- A. Plan subnet 192.168.1.0/25 for Department  
The range of host addresses is 1 to 126.

**B.** Plan subnet 192.168.1.128/27 for Department  
The range of host addresses is 129 to 159.

**C.** Plan subnet 192.168.1.160/27 for Department  
The range of host addresses is 161 to 190.

**D.** Plan subnet 192.168.1.192/27 for Department  
The range of host addresses is 192 to 222.

**ANSWER: A C**

#### QUESTION NO: 8

Which of the following statements regarding multicast MAC addresses are true (Select 3 answers)

- A.** The high-order 24 bits of a multicast MAC address are 0x01005e while the low-order 23 bits of a multicast MAC address are the low-order 23 bits of a multicast IP address.
- B.** One multicast MAC address can map 32 different IP multicast addresses.
- C.** Multicast MAC addresses are used in the link layer to identify receivers that are in the same multicast group.
- D.** One multicast MAC address can map only one IP multicast address.

**ANSWER: A B C**

#### QUESTION NO: 9

Which of the following statements regarding a multicast distribution tree are true? (Select 3 answers)

- A.** Multicast distribution trees are classified into two types: SFT and RPT.
- B.** The PIM-SM protocol can generate both RFTs and SPTs.
- C.** The PIM-55M protocol can generate only SFTs.
- D.** The PIM-DM protocol can generate both RFTs and SFTs.

**ANSWER: A B C**

#### QUESTION NO: 10

The bandwidth-reference parameter is measured in Mbit/s.

- A.** TRUE

B. FALSE

**ANSWER: A**

**QUESTION NO: 11**

If the value of hold timers in the Open messages sent by Peer A and Peer B are 180s and 90s respectively, then what is the interval at which the Keepalive messages are sent after a BGP connection is established between these two peers?

- A. 180s
- B. 90s
- C. 60s
- D. 30s

**ANSWER: D**

**QUESTION NO: 12**

Which of these statements is true when configuring MD5 authentication between BGP peers?

- A. All routers in the same AS must use the same MD5 password.
- B. A pair of BGP peers must use the same MD5 password.
- C. All BGP peers must use the same MD5 password.
- D. Every BGP peer of a router must use a unique MD5 password.

**ANSWER: B**

**QUESTION NO: 13**

Route importing can be used when multiple routing protocols run on different networks and these networks need to share routing information.

- A. TRUE
- B. FALSE

**ANSWER: A**

**QUESTION NO: 14**

Which of the following statements are incorrect regarding Link ID of Router LSA in an OSPF routing protocol? (Select 2 answers)

- A. The Link ID of point-to-point links are the neighbors Interface IP address.
- B. The Link ID of TransNet links are the network address of TransNet network segment.
- C. The Link ID of StubNet links are the network address of stub network.
- D. The Link ID of virtual links are the neighbor's Router ID of virtual link.

**ANSWER: A B****QUESTION NO: 15**

Which of the following routing protocols support import-route? (Select 3 answers)

- A. OSPF
- B. RIP
- C. BGP
- D. Static

**ANSWER: A B C**