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**Vendor:**Huawei

**Exam Code:**H12-891

**Exam Name:**HCIE-Datacom V1.0

**Version:**Demo

### QUESTION 1

Which is the correct description of optimal routing election for each protocol in the following options? ( Radio).

- A. Route entries in BGP that are unreachable for the next hop are also placed in the IP routing table.
- B. In the BGP protocol, the best route to reach the same destination circumference is selected by comparing the cost values of the route entries.
- C. The OSPF protocol puts all the routing information in the LSDB into the IP routing table.
- D. From BGP and OSPF, different route entries to reach the same destination segment are learned, and the optimal route is selected to join the IP route table by comparing the protocol's preference value .

Correct Answer: D

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### QUESTION 2

What are the following advanced features supported by BGP EVPN?

- A. ARP broadcast suppression
- B. VRRP overVXLAN
- C. Multi-active gateway
- D. WI-AN Qos

Correct Answer: ABCD

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### QUESTION 3

A VRRP virtual router configuration VRID is 3 and the virtual IP address is 100 1. 1. 10, so what is the virtual MAC address?

- A. 00-00-5E-00-01-64
- B. 01-00-5E-00-01-03
- C. 01-00-5E-00-01-54
- D. 00-00-5E-00-01-03

Correct Answer: D

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### QUESTION 4

As shown in the following figure, R1 and R2 establish a neighbor relationship for Level2, which is critical: placed as follows, then the following about The route entry for R2 is correct



- A. The 0:/64 router appears in the IP routing table
- B. 2022:/64 Routers appear in the IP routing table c.2019::/64 Routers appear in the P routing table
- C. 2021:-/64 Router will appear in the P routing table

Correct Answer: ABC

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### QUESTION 5

When the IPv6 address of a host is configured with a stateless address configuration, and other parameters other than the address are obtained through DHCPv6, how to set the M and O bits in the RA message ?

- A. M=10=1
- B. M=10=0
- C. M=1 0=0
- D. M=00=1

Correct Answer: D

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### QUESTION 6

BGP EVPN Type2 routes are used to pass IRB type routes with information including ?( Multi-select)

- A. Layer 2 VNI

- B. Host IP address
- C. Host MAC address
- D. Three layers of VNI

Correct Answer: ABC

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#### **QUESTION 7**

Regarding the BGP ring protection mechanism, the following description is correct?

- A. A AS\_PATH attribute is used between autonomous systems to prevent ring cats.
- B. The Cluster List property is used for reflector cluster inner ring defense, and the router finds that the Cluster List of route entries contains its own Client ID The route is rejected
- C. Routes learned from IBGP are not advertised to IBGP neighbors and are used to prevent routing loops inside the AS
- D. You can use the AS\_CONFED\_SET attribute to prevent loops within a consortium:

Correct Answer: ACD

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#### **QUESTION 8**

BGP EVPN advertises external routes, which of the following routes?

- A. Type1
- B. Type2
- C. Type3
- D. Type4
- E. Type5

Correct Answer: E

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#### **QUESTION 9**

How many bits are there in the label field of MPLS ?

- A. 3
- B. 8
- C. 1
- D. 20

Correct Answer: D

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#### QUESTION 10

When troubleshooting a local area network, you notice a large number of frame alignment errors, FCS errors and LAG conflicts, and the possible cause of these problems is ?

- A. Switches and terminals are interconnected over 10/100/1000base-T Ethernet links, and switches and terminals operate in half-duplex mode
- B. There is a mode mismatch on the 1000base-LX/LH link
- C. The operating mode does not match
- D. on a 10/1000/1000base-T Ether link This type of error occurs in most environments

Correct Answer: C

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#### QUESTION 11

Regarding the cross-domain VPN-OptionB scenario, what is the following description incorrect?

- A. In the process of packet forwarding, the private network LSP of the VPN should be exchanged once on the two ASBRs An EBGP neighbor relationship.
- B. Cross-domain VPN An Option
- C. scheme is not limited by the number of interconnection links between ASBRs
- D. The outer layer label is exchanged between two ASBRs to VPNv4 routes.

Correct Answer: D

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#### QUESTION 12

Regarding the WRR (Weight Round Robin) description of the error is ?( Multiple select).

- A. WRR avoids congestion in the network
- B. WRR guarantees that various queues are allocated to a certain amount of bandwidth
- C. WRR is a congestion management technique
- D. WRR can no longer use
- E. WRR on GE interfaces to ensure that critical services are prioritized for

Correct Answer: AE