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**Vendor:**Huawei

**Exam Code:**H12-821

**Exam Name:**HCIP-Datacom-Core Technology V1.0

**Version:**Demo

### QUESTION 1

Preferences of routing protocols determine the sequence in which a router selects a route among routes to the same destination learned through different routing protocols.

- A. TRUE
- B. FALSE

Correct Answer: B

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### QUESTION 2

After which of the following parameters are modified does an IS-IS neighbor relationship need to be re-established?

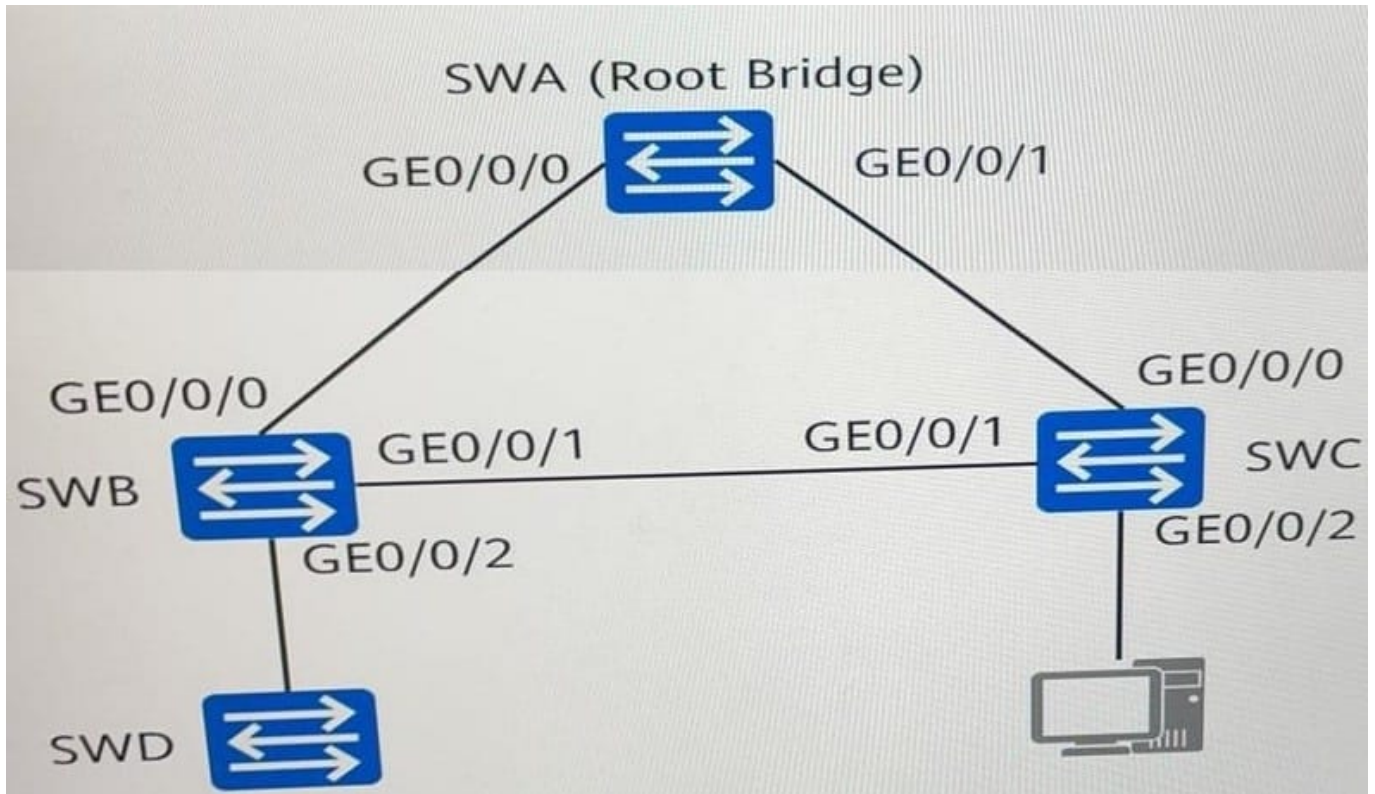
- A. The cost of an IS-IS interface is changed.
- B. The IP address of an IS-IS interface is changed.
- C. The level of an IS-IS interface is changed.
- D. The interval at which an IS-IS interface sends IIH packets is changed.

Correct Answer: C

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### QUESTION 3

As shown in the figure, SWA, SWB, SWC, and SWD run the Rapid Spanning Tree Protocol (RSTP). Which of the following statements are true?



- A. Once receiving OPOUs, the edge port re-participates in the calculation of the spanning tree.
- B. After a port is configured as an edge port, the port can quickly enter the Forwarding state.
- C. You can enable the edge port on SWD's GEO/0/2 connected to the terminal so that this port can quickly enter the Forwarding state.
- D. You can enable the edge port on SWC's GEO/0/2 connected to the terminal so that this port can quickly enter the forwarding state.

Correct Answer: B

**QUESTION 4**

What parameters can a DHCPv6 server assign to a DHCPv6 client?

- A. Gateway address
- B. DNS server address
- C. IPV6 address/prefix
- D. SNTP server address

Correct Answer: D

**QUESTION 5**

DRAG DROP

Drag the following VRRP states to the corresponding working mechanisms.

Select and Place:

Master

Backup

Replies to an ARP request carrying the virtual IP address with the virtual MAC address.

Does not reply to an ARP request carrying the virtual IP address with the virtual MAC address.

Forwards IP packets whose destination MAC addresses are the virtual MAC address.

Discards IP packets whose destination MAC addresses are the virtual MAC address.

Correct Answer:

Master

Backup

Master

Backup

Master

Backup

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### QUESTION 6

In the OSPF protocol, inter-area route calculation involves only Router LSA, Network LSA, and Summary LSA.

A. TRUE

B. FLASE

Correct Answer: A

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### QUESTION 7

Which of the following statements about WLAN roaming are true?

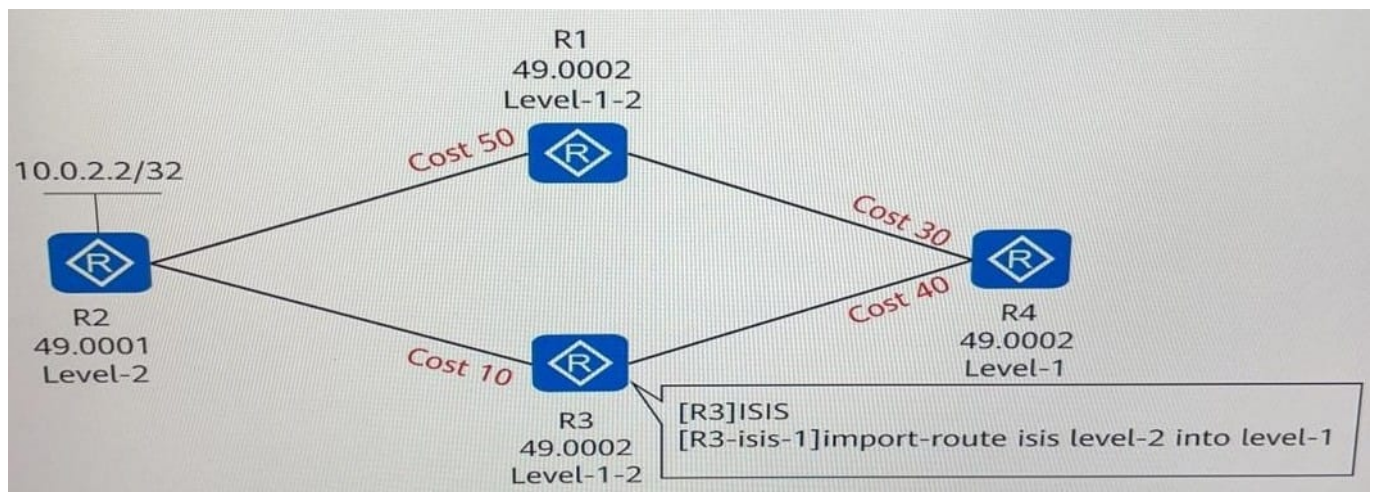
- A. APs for roaming do not need to have overlapping signal coverage.
- B. APs for roaming must be in the same extended service set (ESS).
- C. APs for roaming must have overlapping signal coverage.
- D. APs for roaming must be in the same basic service set (BSS).

Correct Answer: A

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### QUESTION 8

Four routers run ISIS and have established adjacencies. The area IDs and router levels are marked in the following figure. If route leaking is configured on R3, which of the following is the cost of the route from R4 to 10.0.2.2/32?



- A. 80
- B. 50
- C. 40
- D. 30

Correct Answer: B

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### QUESTION 9

Which of the following statements regarding OSPF route summarization is false?

- A. OSPF supports two route summarization modes: ABR summarization and ASBR summarization.
- B. Any router in OSPF can summarize routes.
- C. Route summarization is the process of summarizing routes with the same prefix into one route and then advertising

only the summarized route to other areas.

D. Route summarization can reduce routing information, decrease the routing table size, and improve router performance.

Correct Answer: D

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#### QUESTION 10

A monitoring plane usually comprises the monitoring units of main control boards and interface boards. This plane can monitor the system environment independently. Which of the following environment monitoring functions can be provided by the monitoring plane?

- A. Voltage monitoring
- B. Temperature monitoring
- C. Fan control
- D. System power-on and power-off control

Correct Answer: B

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#### QUESTION 11

When a routing policy is used to filter routes, which of the following route prefixes will be denied by the IP prefix below?

```
[HUAWEI]ip ip-prefix aa index 10 permit 1.1.1.1 24 greater-equal 26 less-equal 32
```

- A. 1.1.1.1/26
- B. 1.1.1.2/16
- C. 1.1.1.1/32
- D. 1.1.1.1/24

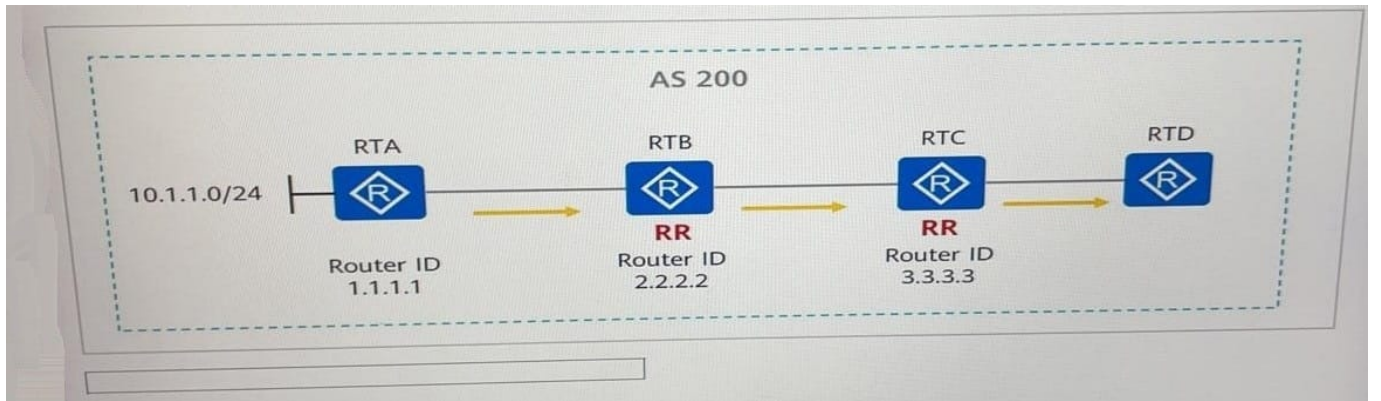
Correct Answer: D

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#### QUESTION 12

CORRECT TEXT

See the following figure. RTA, RTB, RTC, and RTD are in the same AS and establish IBGP peer relationships through direct links. RTB and RTC are route reflectors (RRs), RTA and RTC are the RR clients of RTB, and RTB and RTD are the RR clients of RTC. If RTA advertises the route 10.1.1.0/24 to the BGP process, the Originator ID of the BGP route received by RTD is \_\_\_\_\_.



Correct Answer: IN ORDER