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## 問題集

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**Exam** : **H12-224**

**Title** : **HCNP-R&S Fast Track**

**Version** : **DEMO**

1.What is the maximum bits of a Class C address can be used for subnet?

- A.6
- B.8
- C.12
- D.14

**Answer:** A

2.In OSPF, which of the following statements are incorrect regarding Router LSA generated by Router A.?

- A. In Point-to-Point link type, Data is set to the interface IP address of RouterA.
- B. In TransNet link type, Data is set to the interface IP address of RouterA.
- C. In StubNet link type, Data is set to the interface IP address of RouterA.
- D. In Virtual link type, Data is set to the Router ID of RouterA.

**Answer:** CD

3.Which of the attributes must exist in the BGP Update messages ?

- A. LOCAL\_PREF
- B. NEXT\_HOP
- C. ORIGIN
- D. AS PATH

**Answer:** BCD

4.TRUE/FALSE: A device can be assigned an IP address 192.168.13.175, with the mask being 255. 255. 255. 240.

- A. True
- B. False

**Answer:** B

5.Besides an IPv4 address, a router distinguisher (RD) also contains a flag that distinguishes IP routes to the same destination IP address in different VPNs.

How many bits are there in the flag?

- A. 16
- B. 32
- C. 64
- D. 128

**Answer:** C

6.Which statements about OSPF packets are true?

- A. Hello packets can be sent after OSPF is enabled on an interface.
- B. LS Request packets are sent only after an adjacency is established.
- C. LS Update packets contain detailed LSA information for LSDB synchronization.
- D. LS Update packets are sent only after an adjacency is established.

**Answer:** ABC

7.TRUE/FALSE: Only Router-LSAs and Network-LSAs are involved in intra-area route calculations.

- A. True
- B. False

**Answer:** A

8.TRUE/FALSE: Only one BGP process can be configured on a router.

- A. True
- B. False

**Answer:** A

9.What is the function of the peer ignore command?

- A. Deletes a BGP peer.
- B. Retains all configurations of the peer, and maintains the BGP peer relationship with the peer, but does not receive the routes sent from the peer.
- C. Retains all configurations of the peer, and maintains the BGP peer relationship with the peer, but does not advertise routes to the peer.
- D. Retains all configurations of the peer, interrupts the BGP peer relationship with the peer, and clears all related routing information.

**Answer:** D

10.A Notification message with Error Code 2 indicates an error OPEN message.

Which of the following error sub-codes can be contained in this OPEN message?

- A. 1: indicates that the version number is not supported.
- B. 2: indicates that the AS of the peer is incorrect.
- C. 3: indicates that the BGP identifier is incorrect.
- D. 4: indicates that the Optional Parameters filed is not supported.

**Answer:** ABCD

11.Which following BGP attribute can used to define a set of prefixes with the same characteristics?

- A. Origin
- B. Nexthop
- C. Community
- D. MED

**Answer:** C

12.TRUE/FALSE: An IP-prefix-filter is used to filter IP prefixes and data packets.

- A. True
- B. False

**Answer:** B

13.Which of the following character strings matches the regular expression 100\$?

- A. 3100
- B. 100
- C. 1008
- D. 100 200

**Answer: B**

14.Which of the following as-path attributes match this AS-path-filter?

ip AS-path-filter 1 permit 100\$|400\$

- A. 100
- B. 3100
- C. 1234 1400
- D. 300 400

**Answer: ABCD**

15.In IPv4, which of the following is the SSM address range allocated by the IANA?

- A. 232. 0. 0. 0/24
- B. 225. 0. 0. 0/8
- C. 232. 0. 0. 0/8
- D. 239. 0. 0. 0/8

**Answer: D**

16.Which of the following configurations can be performed to implement fast failure detection on a network?

- A. Reduce the holdtime of Join/Prune messages.
- B. Reduce the interval for an interface to send Hello messages.
- C. Set up a PIM BFD session between network segment neighbors.
- D. Reduce the interval for sending Join/Prune messages.

**Answer: BC**

17.Which of the following technologies can reduce the scale of broadcast domain?

- A. VLAN
- B. Trunk
- C. RARP
- D. STP

**Answer: A**

18.Which are the functions of the route target on an MPLS VPN network?

- A. Enable the peer PE to determine whichVPNv4 routes can be imported to the specified VRF.
- B. Enable the peer PE to determine whichVPNv4 routes cannot be imported to the specified VRF.
- C. Enable the peer CE to determine whichVPNv4 routes can be imported to the specified VRF.
- D. Enable the peer CE to determine whichVPNv4 routes cannot be imported to the specified VRF.

**Answer: AB**

19.Which statement about the trunk interface is true?

- A. A trunk interface is always connected to hosts.
- B. Multiple VLAN IDs can be set on a trunk interface. The VLAN IDs can be the same as or different from the PVID.
- C. The trunk interface cannot have a PVID.

D. If the trunk interface receives a packet with a VLAN not in the allowed VLAN list, the trunk interface broadcast the packet in the VLAN.

**Answer: B**

20.Which of the following are factors that affect QoS?

- A. Bandwidth
- B. Delay
- C. Jitter
- D. Loss of packet

**Answer: ABCD**