

HCNA-R&S (Huawei Network Technology and Device)-H12-211 Test 11 Jan 2018.

Question 1

In the case of Huawei router, what is the “-i” parameter in a Ping command issued on VRP operating system used to set?

Select one:

- ☐ a. Interface for sending an Echo Request packet.
- ☐ b. Destination IP address for receiving an Echo Reply packet.
- ☐ c. Source IP address for sending an Echo Request packet.
- ☐ d. Interface for receiving an Echo Reply packet.

Feedback

The correct answer is: **Interface for sending an Echo Request packet.**

Question 2

An authenticator router has been configured with two domains named “Area1” and “Area2”, following which a user is created with the username “Huawei” and the password “hello” for authentication. Which domain does this user belongs to?

Select one:

- ☐ a. Default_admin domain.
- ☐ b. Area2 domain.
- ☐ c. Default domain.
- ☐ d. Area1 domain.

Feedback

The correct answer is: **Default domain.**

Question 3

The users who log on the router through Telnet are not permitted to configure IP address.

Select one:

- ☐ a. The authentication mode of Telnet is set incorrectly.
- ☐ b. Privilege level of Telnet is set incorrectly.
- ☐ c. Communication failures occur between the user and the router.

Feedback

The correct answer is: **Privilege level of Telnet is set incorrectly.**

Question 4

Which of the following statements regarding the router ID In OSPF are incorrect?

(Multiple Choice)

Select one or more:

- ☐ a. **A router running OSPF must have a router ID for it to operate properly.**
- ☐ b. **The router ID must be the IP address of an OSPF router interface.**
- ☐ c. **The router IDs of OSPF routers in the same area must be the same, but can be different in different areas.**
- ☐ d. **The router ID must be configured manually.**

Feedback

The correct answers are: **The router IDs of OSPF routers in the same area must be the same, but can be different in different areas., The router ID must be the IP address of an OSPF router interface., The router ID must be configured manually.**

Question 5

Which of the following items are included in static routes?

(Multiple Choice)

Select one or more:

- ☐ a. **Route preference.**
- ☐ b. **Destination network segment.**
- ☐ c. **Outbound interface.**
- ☐ d. **Next-hop IP address.**
- ☐ e. **MAC address of the outbound interface.**

Feedback

The correct answers are: **Destination network segment., Next-hop IP address., Outbound interface., Route preference.**

Question 6

An ACL does not filter traffic generated by the Huawei device towards other devices, but only filters forwarded traffic, including traffic generated by other devices to access the Huawei device.

Select one:

- ☐ a. False
- ☐ b. True

Feedback

The correct answer is: True

Question 7

Two routers are configured with OSPFv3. OSPFv3 is enabled on all interface of each router. Which of the following is true in the event that the network administrator does not configure a Router-ID?



Select one:

- ☐ a. No router ID will be assigned to the router.
- ☐ b. The IP address of the loopback 0 interface will be used as the router ID.
- ☐ c. The IP address of interface G0/0/0 will be used as the router ID.
- ☐ d. The IP address of the loopback 1 interface will be used as the router ID.

Feedback

The correct answer is: The IP address of the loopback 1 interface will be used as the router ID.

Question 8

In an RIP process on a Huawei device, which of the following configurations are correct for advertising network 10.1.1.1/30?

(Multiple Choice)

Select one:

- ☐ a. **Undo summary**
network 10.1.1.0
- ☐ b. **Version 2**
undo summary
network 10.0.0.0

- ☐ c. **undo summary**
network 10.1.0.0
- ☐ d. **Network 10.1.1.0**
- ☐ e. **network 10.0.0.0**

Feedback

The correct answer is: **Version 2**

undo summary
network 10.0.0.0

Question 9

Which of the following descriptions about eSight is not correct?

Select one:

- ☐ a. **eSight supports the backup of configuration files and network traffic analysis.**
- ☐ b. **eSight supports only Huawei devices.**
- ☐ c. **eSight supports WLAN management and monitoring of hotspot coverage.**
- ☐ d. **eSight is used to monitor and manage enterprise networks.**

Feedback

The correct answer is: **eSight supports only Huawei devices.**

Question 10

If PPP authentication fails, which type of packet will be sent to the authenticated peer by the authenticator?

Select one:

- ☐ a. **Authenticate-Reject.**
- ☐ b. **Authenticate-Ack.**
- ☐ c. **Authenticate-Reply.**
- ☐ d. **Authenticate-Nak.**

Feedback

The correct answer is: **Authenticate-Nak.**

Question 11

NAPT uses the same public IP address but different port numbers to translate private IP addresses. Which statement regarding the port number is correct?

Select one:

- ☐ a. **It is not necessary to configure port numbers.**

- ☐ b. It is only necessary to configure the port number range.
- ☐ c. It is necessary to configure port number mapping manually.
- ☐ d. An access control list is needed to assign port numbers.

Feedback

The correct answer is: **It is not necessary to configure port numbers.**

Question 12

Refer to the command output. Which statements regarding the shown command are true?
(Multiple Choice)

```
<Huawei>system-view
[Huawei]history-command max-size 20
```

Select one or more:

- ☐ a. The command is used to adjust the size of history command buffer.
- ☐ b. The command should be configured in the user-interface view.
- ☐ c. Once configured, commands totalling up to 20 bytes can be saved in the buffer.
- ☐ d. The default value of the history command buffer is 5.

Feedback

The correct answers are: **The command is used to adjust the size of history command buffer.**
, The command should be configured in the user-interface view.

Question 13

Refer to the graphic, which of the following statements is true about OSPF topology and configuration?



```
[R1]interface GigabitEthernet0/0/0
[R1-GigabitEthernet0/0/0]ip address 100.1.1.1 255.255.255.0
[R1-GigabitEthernet0/0/0]ospf network-type p2p
[R1-GigabitEthernet0/0/0]ospf dr-priority 100
[R1-GigabitEthernet0/0/0]ospf timer hello 20
[R1]ospf 1
[R1-ospf-1]area 0.0.0.0
[R1-ospf-1-area-0.0.0.0]network 100.1.1.1 0.0.0.0
#
[R2]interface GigabitEthernet0/0/0
[R2-GigabitEthernet0/0/0]ip address 100.1.1.2 255.255.255.0
[R2]ospf 1
[R2-ospf-1]area 0.0.0.0
[R2-ospf-1-area-0.0.0.0]network 100.1.1.2 0.0.0.0
```

Select one:

- ☒ a. Compared with R1, R2 is more likely to become the DR because the DR priority of the interface on R2 is lower than that on R1.
- ☒ b. After the default network type of the interface on R1 is restored to broadcast and the hello packet sending interval is changed to 10s, a stable OSPF neighbour relationship can be set up between R1 and R2.
- ☒ c. A stable OSPF neighbour relationship can be set up between R1 and R2.
- ☒ d. After the default network type of the interface on R1 is restored to the broadcast, a stable OSPF neighbour relationship can be set up between R1 and R2.

Feedback

The correct answer is: **After the default network type of the interface on R1 is restored to broadcast and the hello packet sending interval is changed to 10s, a stable OSPF neighbour relationship can be set up between R1 and R2.**

Question 14

An Ethernet port can work one of three duplex modes, whereas an Optical Ethernet port only supports one single mode. Which of the following represents this mode?

Select one:

- ☒ a. Half-Duplex.
- ☒ b. Full-duplex.
- ☒ c. Simplex.
- ☒ d. Auto-negotiation.

Feedback

The correct answer is: **Full-duplex.**

Question 15

Which of the following statements about the information contained in a Database Description packet are true?

(Multiple Choice)

Select one or more:

- ☐ a. A Database Description packet contains all information about each LSA.
- ☐ b. The header of an LSA contains the unique identifier of the LSA.

- ☐ c. The header of an LSA is only a small portion of the LSA.
- ☐ d. A Database Description packet contains only the header of an LSA.

Feedback

The correct answers are: A Database Description packet contains only the header of an LSA., The header of an LSA contains the unique identifier of the LSA., The header of an LSA is only a small portion of the LSA.

Question 16

Network storms may occur if there is a loop on a switched network.

Select one:

- ☒ a. False
- ☐ b. True

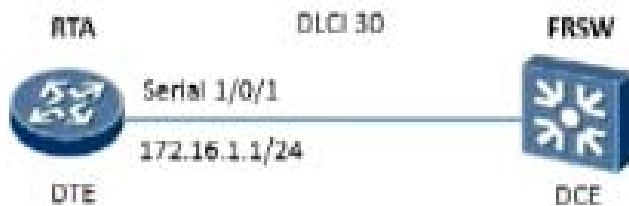
Feedback

The correct answer is: True

Question 17

Refer to the graphic. RTA is a DTE device connected to a Frame Relay switch, and uses dynamic address mapping to establish the PVC. With regards to the configuration, which of the following commands are not necessary?

(Multiple Choice)



Select one or more:

- ☐ a. [RTA-Serial1/0/1] ip address 172.16.1.1 24
- ☐ b. [RTA-Serial1/0/1] link-protocol fr
- ☐ c. [RTA-Serial1/0/1]fr interface-type dte
- ☐ d. [RTA-Serial1/0/1]fr inarp

Feedback

The correct answers are: [RTA-Serial1/0/1]fr interface-type dte, [RTA-Serial1/0/1]fr inarp

Question 18

Which of the following statements regarding Designated Routers in OSPF are correct?
(Multiple Choice)

Select one or more:

- ☐ a. **DR and BDR must be establish adjacency relationship.**
- ☐ b. **If the priorities of two routers are different, the router with the lower priority will be elected as DR.**
- ☐ c. **DR is elected by all the routers in the same network segment.**
- ☐ d. **If the priorities of two routers are equal, the router with the higher Router ID will be elected as DR.**

Feedback

The correct answers are: **DR is elected by all the routers in the same network segment., If the priorities of two routers are equal, the router with the higher Router ID will be elected as DR., DR and BDR must be establish adjacency relationship.**

Question 19

On Huawei devices, you can use the undo summary command to prohibit automatic route summarization of RIPv2.

Select one:

- ☒ a. **True**
- ☐ b. **False**

Feedback

The correct answer is: **True**

Question 20

Refer to the configuration output. Following configuration, a host is connected to the interface Gigabit Ethernet 0/0/1 of the router. Which IP address will the client obtain?

```
[Router] ip pool pool1
[Router-ip-pool-pool1] network 10.10.10.0 mask 255.255.255.0
[Router-ip-pool-pool1] gateway-list 10.10.10.1
[Router-ip-pool-pool1] quit
[Router] ip pool pool2
[Router-ip-pool-pool2] network 10.20.20.0 mask 255.255.255.0
[Router-ip-pool-pool2] gateway-list 10.20.20.1
[Router-ip-pool-pool2] quit
[Router] interface GigabitEthernet 0/0/1
[Router-GigabitEthernet0/0/1] ip address 10.10.10.1 24
[Router-GigabitEthernet0/0/1] dhcp select global
```

Select one:

- ☒ a. An IP address may be assigned from either 10.10.10.0/24 or 10.20.20.0/24.
- ☐ b. An IP address from network 10.20.20.0/24 will be assigned.
- ☐ c. The host will be unable to obtain an IP address.
- ☐ d. An IP address from network 10.10.10.0/24 will be assigned.

Feedback

The correct answer is: An IP address from network 10.10.10.0/24 will be assigned.

Question 21

VLSM can expand any IP network segment, including Class D addresses.

Select one:

- ☒ a. True
- ☐ b. False

Feedback

The correct answer is: False

Question 22

On Huawei switches, you can run the vlan batch command to create multiple VLANs in batches.

Select one:

- ☒ a. False
- ☐ b. True

Feedback

The correct answer is: True

Question 23

**On Sx7 series switches, which of the following VLANs can be removed by using command “undo”?
(Multiple Choice)**

Select one or more:

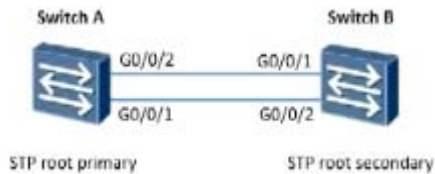
- ☐ a. Vlan 4094.
- ☐ b. Vlan 1024.
- ☐ c. Vlan 2.
- ☐ d. Vlan 1.

Feedback

The correct answers are: **Vlan 2., Vlan 1024.**

Question 24

Refer to the graphic. Both switches are operating using STP. With exception to those shown, all other default parameters have been maintained. Which port will be blocked?



Select one:

- ☐ a. Port G0/0/1 of switch B.
- ☐ b. Port G0/0/1 of switch A.
- ☐ c. Port G0/0/2 of switch B.
- ☐ d. Port G0/0/2 of switch A.

Feedback

The correct answer is: **Port G0/0/1 of switch B.**

Question 25

When a source end uses application software to send an image file through a network, the TCP/IP encapsulation process of the file is: Data -> Segment -> Packet -> Frame -> Bit.

Select one:

- ☐ a. False.
- ☐ b. True.

Feedback

The correct answer is: **True.**

Question 26

A client failed to transfer a file to the FTP server, but found the IP connectivity was without problem. The client assumed that the problem was with the port configuration. The blocking of which ports would likely cause this problem?

(Multiple Choice)

Select one or more:

- ☐ a. 50649
- ☐ b. 20
- ☐ c. 80
- ☐ d. 21

Feedback

The correct answers are: 21, 20

Question 27

In RSTP mode, both alternate and backup ports cannot forward user traffic but can receive, process, and send BPDU.

Select one:

- ☒ a. False
- ☐ b. True

Feedback

The correct answer is: False

Question 28

Refer to the command output. An administrator wishes to configure RIPv2. Which other command needs to configure for RIP routes to be advertised?

```
[Huawei]rip 1
[Huawei-rip-1]version 2
```

Select one:

- ☒ a. Network 192.168.1.0 0.0.0.255
- ☐ b. Network 192.168.1.0
- ☐ c. Import-route GigabitEthernet 0/0/1
- ☐ d. Network GigabitEthernet 0/0/1

Feedback

The correct answer is: Network 192.168.1.0

Question 29

**How can the default route be generated?
(Multiple Choice)**

Select one or more:

- ☐ a. **Generated by link layer protocols.**
- ☐ b. **Automatically generated by the router.**
- ☐ c. **Generated by dynamic routing protocols**
- ☐ d. **Manually configured.**

Feedback

The correct answers are: **Manually configured., Generated by dynamic routing protocols**

Question 30

An administrator wishes to manage the router in the remote branch office, which method can be used?

Select one:

- ☐ a. **DHCP.**
- ☐ b. **FTP.**
- ☐ c. **Telnet.**
- ☐ d. **Console Connection.**

Feedback

The correct answer is: **Telnet.**

Question 31

**Which of the following descriptions about IPv6 addresses are correct?
(Multiple Choice)**

Select one or more:

- ☐ a. **IPv6 extension headers are processed randomly.**
- ☐ b. **IPv6 addresses are 64 bits in length.**
- ☐ c. **IPv6 addresses are 128 bits in length.**
- ☐ d. **IPv6 extension headers are processed in order.**

Feedback

The correct answers are: **IPv6 addresses are 128 bits in length., IPv6 extension headers are processed in order.**

Question 32

Refer to the configuration output. Which of the following statements is correct regarding the configuration of the ACL on RTA?

```
[RTA]acl 2001
[RTA-acl-basic-2001]rule 20 permit source 20.1.1.0 0.0.0.255
[RTA-acl-basic-2001]rule 10 deny source 20.1.1.0 0.0.0.255
```

Select one:

- ☐ a. Packets from network 20.1.1.0/24 network will be permitted.
- ☐ b. Packets destined for network 20.1.1.0/24 will be permitted.
- ☐ c. Packets from network 20.1.1.0/24 network will be denied.
- ☐ d. Packets destined for network 20.1.1.0/24 will be denied.

Feedback

The correct answer is: Packets from network 20.1.1.0/24 network will be denied.

Question 33

Refer to the graphic. RTA is a PPPoE client, and following transmission of PADI, Server A responds with PADO packets to RTA. Which distribution method is used for sending PADO packets?



Select one:

- ☐ a. Unicast.
- ☐ b. Multicast.
- ☐ c. Anycast.
- ☐ d. Broadcast.

Feedback

The correct answer is: Unicast.

Question 34

Which of the following statements is false about a gratuitous ARP packet?

Select one:

- ☐ a. Gratuitous ARP packets are used to activate gateways when a host is idle.

- ☐ b. Gratuitous ARP packets are used to check for duplicate IP addresses. Normally, a host does not receive an ARP Reply packet after sending an ARP Request packet with the destination address of its own IP address. If the host receives an ARP Reply packet, another host has the same IP address.
- ☐ c. Gratuitous ARP packets are used to notify the active/standby switchover of routers in a VRRP group.
- ☐ d. Gratuitous ARP packets are used to advertise a new MAC address. If the MAC address of a host changes because its network adapter is replaced, the host sends a gratuitous ARP packet to notify all hosts of the change before the ARP entry ages out.

Feedback

The correct answer is: **Gratuitous ARP packets are used to check for duplicate IP addresses. Normally, a host does not receive an ARP Reply packet after sending an ARP Request packet with the destination address of its own IP address. If the host receives an ARP Reply packet, another host has the same IP address.**

Question 35

Which of the following descriptions regarding the TTL field of the IP packet is correct?

Select one:

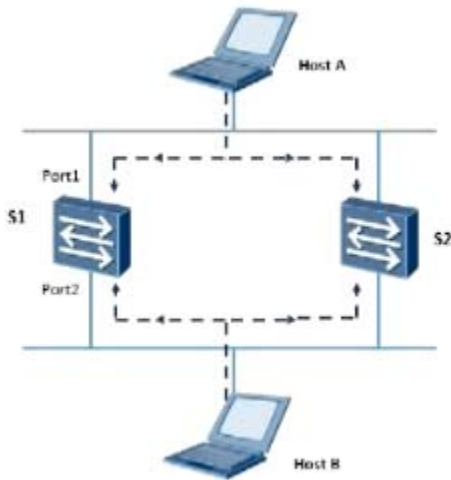
- ☐ a. The TTL defines the duration during which the source can send packets.
- ☐ b. The TTL value will decrement by 1 each time the packet is routed.
- ☐ c. The TTL defines how many packets the source can send.
- ☐ d. The TTL value will increment by 1 each time the packet is routed.

Feedback

The correct answer is: **The TTL value will decrement by 1 each time the packet is routed.**

Question 36

Refer to the graphic. What will happen in this figure if the STP protocol is disabled on both switches?
(Multiple Choice)



Select one or more:

- ☐ a. Load balancing will occur in this topology.
- ☐ b. The MAC address of host B can be found in the MAC address table of both switches.
- ☐ c. Duplicate frames exist in this network.
- ☐ d. CPU usage will be very high on S1 and S2 due to a broadcast floods.

Feedback

The correct answers are: CPU usage will be very high on S1 and S2 due to a broadcast floods., The MAC address of host B can be found in the MAC address table of both switches., Duplicate frames exist in this network.

Question 37

To provide the information about the IP addresses that a user packet traverses along the path to the destination, which of the following does Tracert record in each expired ICMP TTL packet?

Select one:

- ☐ a. Source Port.
- ☐ b. Destination Port.
- ☐ c. Source IP address.
- ☐ d. Destination IP address.

Feedback

The correct answer is: Destination IP address.

Question 38

A port on a switch is configured as a Trunk port. Assume that one host connects to this Trunk port to access the network. Which of the following operations is mandatory?

Select one:

- ☐ a. Configure this port as an access port.
- ☐ b. Disable this port and then enable it again to restore the default setting of the part.
- ☐ c. Delete all the Vlans on this port in the Interface view.
- ☐ d. Delete all the VLANs on this port in the global view.

Feedback

The correct answer is: **Configure this port as an access port.**

Question 39

Which of the following methods is not used for logging in to the VRP system?

Select one:

- ☐ a. Web.
- ☐ b. Telnet.
- ☐ c. Netstream.
- ☐ d. SSH.

Feedback

The correct answer is: **Netstream.**

Question 40

When using VRP, which of the following commands is used to configure the data link layer encapsulation type of a serial interface as HDLC?

Select one:

- ☐ a. Link-protocol hdlc.
- ☐ b. Hdlc enable.
- ☐ c. Link-protocol ppp.
- ☐ d. Encapsulation hdlc.

Feedback

The correct answer is: **Link-protocol hdlc.**

Question 41

On Huawei VRP platform, which of the following can be used to invoke the history command saved by the command line interface?

Select one or more:

- ☐ a. **Upper cursor key**
- ☐ b. **Ctrl+U**
- ☐ c. **Left cursor key**
- ☐ d. **Ctrl+P**

Feedback

The correct answers are: **Upper cursor key, Ctrl+P**

Question 42

Which of the following statements is true about ARP?

Select one:

- ☐ a. **ARP can be deployed on PPP and HDLC links.**
- ☐ b. **The MAC address and UUID of the destination end can be obtained through ARP.**
- ☐ c. **Inverse ARP is used to resolve device names.**
- ☐ d. **ARP is encapsulated in Ethernet packets.**

Feedback

The correct answer is: **ARP is encapsulated in Ethernet packets.**

Question 43

Refer to the display output. Which statement is false?

```
<Huawei>display startup
MainBoard:
Startup system software:  sd1:/ar2220-v200r003c00spc200.cc
Next startup system software:  sd1:/ar2220-v200r003c00spc200.cc
Backup system software for next startup: null
Startup saved-configuration file:  null
Next startup saved-configuration file: null
Startup license file:  null
Next startup license file:  null
Startup patch package:  null
Next startup patch package: null
Startup voice-files:  null
Next startup voice-files:  null
```

Select one:

- ☐ a. The next startup system software can be changed by using the “startup system software <startup-software-name>.cc” command.
- ☐ b. The current startup system software is ar2220-v200r003c00spc200.cc.
- ☐ c. The next startup system software cannot be changed.
- ☐ d. The current configuration file has not been saved.

Feedback

The correct answer is: **The next startup system software cannot be changed.**

Question 44

Which of the following statements regarding link-state database and routing-table of a “single” OSPF area are correct?

(Multiple Choice)

Select one or more:

- ☐ a. **The link-state databases that all routers build are different.**
- ☐ b. **The routing-tables that all routers calculate are different.**
- ☐ c. **The routing-tables that all routers calculate are identical.**
- ☐ d. **The link-state databases that all routers build are identical.**

Feedback

The correct answers are: **The link-state databases that all routers build are identical., The routing-tables that all routers calculate are different.**

Question 45

What is the meaning of 200 in the command “fr map ip 10.1.1.2 200”?

Select one:

- ☐ a. **Local DLCI.**
- ☐ b. Remote interface ID.
- ☐ c. Remote node ID.
- ☐ d. Remote logical channel ID.

Feedback

The correct answer is: **Local DLCI.**

Question 46

Which of the following storage devices are supported by Huawei router?

(Multiple Choice)

Select one or more:

- ☐ a. **SDRAM**
- ☐ b. **Hard Disk**
- ☐ c. **Flash**
- ☐ d. **NVRAM**

Feedback

The correct answers are: **SDRAM, NVRAM, Flash**

Question 47

150.25.0.0 is a network segment and its mask is 255.255.224.0. Which of the following are valid host addresses?

(Multiple Choice)

Select one or more:

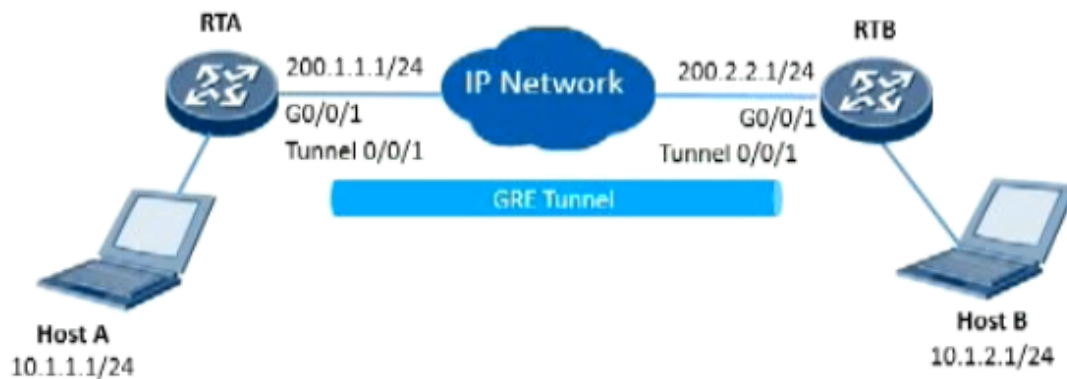
- ☐ a. **150.25.2.24**
- ☐ b. **150.25.1.255**
- ☐ c. **150.25.0.0**
- ☐ d. **150.15.3.30**

Feedback

The correct answers are: **150.25.1.255, 150.25.2.24**

Question 48

Refer to the graphic. Two hosts communicate through a GRE tunnel. When the GRE tunnel is up, the network administrator configures a static route on RTA to route packets to Host B. Which of the following commands should be used?



Select one:

- ☒ a. **Ip route-static 10.1.2.0 24 tunnel 0/0/1**
- ☐ b. **Ip route-static 10.1.2.0 24 200.1.1.1**
- ☐ c. **Ip route-static 10.1.2.0 24 200.2.2.1**
- ☐ d. **Ip route-static 10.1.2.0 24 GigabitEthernet 0/0/1**

Feedback

The correct answer is: **ip route-static 10.1.2.0 24 tunnel 0/0/1**

Question 49

In standard STP mode, which of the following ports on non-root switches forward the BPDUs with TC bits set generated by the root switch?

Select one:

- ☒ a. **Backup port.**
- ☐ b. **Root port.**
- ☐ c. **Alternate port.**
- ☐ d. **Designated port.**

Feedback

The correct answer is: **Designated port.**

Question 50

Which of the following statements about static route preference on Huawei devices is false?

Select one or more:

- ☐ a. **Static route preference ranges from 0 to 255.**

- ☐ b. Default static route preference is 60.
- ☐ c. Static route preference is either internal or external. Administrators can modify external preferences.
- ☐ d. If static route preference is 255, the route cannot be used.

Feedback

The correct answers are: **Static route preference is either internal or external. Administrators can modify external preferences., If static route preference is 255, the route cannot be used.**

Question 51

In Layer 2 mode, the transmission rate of an Eth-Trunk interface is determined by which of the following?

(Multiple Choice)

Select one or more:

- ☐ a. Number of Up member interfaces.
- ☐ b. Number of interfaces.
- ☐ c. Minimum number of Up member links.
- ☐ d. Maximum number of Up member links.

Feedback

The correct answers are: **Minimum number of Up member links., Number of Up member interfaces.**

Question 52

Refer to the graphic. An administrator has configured OSPF on the two routers, following which he then implements the command silent-interface s0/0/1 on RTA. What effect will this command have on the network?

(Multiple Choice)



Select one or more:

- ☐ a. The configuration will not affect the OSPF neighbour relationship between the two routers.

- ☐ b. The link information advertised by RTB will no longer be maintained in the Link State Database of RTA.
- ☐ c. The OSPF neighbour relationship will fail between two routers.
- ☐ d. The link information advertised by RTB will be maintained in the Link State Database of RTA.

Feedback

The correct answers are: **The link information advertised by RTB will be maintained in the Link State Database of RTA., The OSPF neighbour relationship will fail between two routers.**

Question 53

When two switches are connected through link aggregation, what are the requirements for the interfaces on the two switches?

(Multiple Choice)

Select one or more:

- ☐ a. The physical interface rates of the interconnected switches are the same.
- ☐ b. The physical interface IDs of the interconnected switches are the same.
- ☐ c. The models of the optical modules used by the interconnected switches are the same.
- ☐ d. The duplex modes of the physical interfaces on the interconnected switches are the same.
- ☐ e. The physical interface quantities of the interconnected switches are the same.

Feedback

The correct answers are: **The physical interface quantities of the interconnected switches are the same., The duplex modes of the physical interfaces on the interconnected switches are the same.**

Question 54

Which of the following commands is used to enable dynamic address mapping protocol in the interface encapsulated with Frame Relay?

Select one:

- ☐ a. reverse-arp.
- ☐ b. fr inarp.
- ☐ c. fr reverse-arp.
- ☐ d. Inverse-arp.

Feedback

The correct answer is: **fr inarp.**

Question 55

Which of following may be the reasons that cause Frame Relay PVC to work abnormally?
(Multiple Choice)

Select one or more:

- ☐ a. Same DLCI number is configured on the same router.
- ☐ b. Frame Relay encapsulation type mismatch.
- ☐ c. LMI type mismatch.
- ☐ d. Incorrect configuration of the DLCI number.

Feedback

The correct answers are: **LMI type mismatch., Frame Relay encapsulation type mismatch., Incorrect configuration of the DLCI number.**

Question 56

According to the topology and configuration of interconnected interfaces of switches shown in the figure, the data frame tagged with VLAN 10 can be forwarded correctly between the two switches.



```
[LSW1]interface GigabitEthernet0/0/1
[LSW1-GigabitEthernet0/0/1]Port link-type trunk
[LSW1-GigabitEthernet0/0/1]Port trunk pvid vlan 20
[LSW1-GigabitEthernet0/0/1]Port trunk allow-pass vlan 10
#
[LSW2]interface GigabitEthernet0/0/1
[LSW2-GigabitEthernet0/0/1]Port link-type trunk
[LSW2-GigabitEthernet0/0/1]Port trunk pvid vlan 10
[LSW2-GigabitEthernet0/0/1]Port trunk allow-pass vlan 10
```

Select one:

- ☒ a. False
- ☐ b. True

Feedback

The correct answer is: **True**

Question 57

Trunk interfaces can send both tagged and untagged frames.

Select one:

☒

a. False

☒

b. True

Feedback

The correct answer is: True

Question 58

**Which of the following are the features of the default VLAN setting in a switch configuration?
(Multiple Choice)**

Select one or more:

☐

a. **The IP address configured for a switch is applied only to a member port in the default VLAN.**

☐

b. **By default, all ports on switches are member ports of a default VLAN.**

☐

c. **The default VLAN cannot be deleted manually.**

☐

d. **A default VLAN must be created before a port is allocated to a VLAN.**

Feedback

The correct answers are: **The default VLAN cannot be deleted manually., By default, all ports on switches are member ports of a default VLAN.**

Question 59

In STP, the priority of the STP root switch ranges from 0 to 65536.

Select one:

☒

a. **False**

☒

b. **True**

Feedback

The correct answer is: **False**

Question 60

Two routers are connected through serial interfaces and support PPP encapsulation. Which parameters must be negotiated to establish the PPP connection?

(Multiple Choice)

Select one or more:

- ☐ a. **Authentication Password.**
- ☐ b. **Magic-Number.**
- ☐ c. **Authentication Protocol.**
- ☐ d. **MRU.**

Feedback

The correct answers are: **MRU., Magic-Number., Authentication Protocol.**