

H12-211.exam.125q

Number: H12-211  
Passing Score: 800  
Time Limit: 120 min



**Website:** <https://vceplus.com>  
**VCE to PDF Converter:** <https://vceplus.com/vce-to-pdf/>  
**Facebook:** <https://www.facebook.com/VCE.For.All.VN/>  
**Twitter :** [https://twitter.com/VCE\\_Plus](https://twitter.com/VCE_Plus)

<https://vceplus.com/>

H12-211

**Huawei Certified Network Associate- Huawei Networking Technology and Device**

## Exam A

### QUESTION 1

The network administrator wants to improve the performance of network transmission, what steps can the administrator take? (Choose two)



<https://vceplus.com/>

- A. Change the work mode to full duplex of each end station.
- B. Link the end stations together using a switch.
- C. Change the work mode to half duplex of each end station.
- D. Link the end stations together using a hub.

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 2

On Huawei switch, which of the following commands can be used to set port duplex mode as "auto negotiation"? (Choose two)

- A. duplex negotiation auto
- B. duplex auto-negotiation
- C. duplex auto
- D. undo duplex

**Correct Answer:** CD

**Section:** (none)

**Explanation**



**Explanation/Reference:**

### QUESTION 3

The network administrator wishes to transmit data between two end stations. The network interface cards of both devices operates at 100Mbps however one supports half duplex while the other uses full duplex mode.

What will occur as a result?

- A. The end stations cannot communicate.
- B. The end stations can communicate, but data may be lost during transmission of large amounts of traffic.
- C. The end stations will operate normally
- D. The end stations can communicate, but speed is different during transmission of large amounts of traffic.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**



### QUESTION 4

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?

- A. Full-duplex
- B. Half-duplex
- C. Auto-negotiation
- D. Simplex

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 5

While inspecting packets in the network, a network administrator discovers a frame with the destination MAC address of 01-00-5E-A0-B1-C3.

What can the administrator determine from this?

- A. The MAC address is a unicast address.
- B. The MAC address is a broadcast address
- C. The MAC address is a multicast address.
- D. The MAC address is incorrect.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 6

According to OSI reference model, which layer is responsible for end to end error checking and flow control?

- A. Physical layer
- B. Data link layer
- C. Network layer
- D. Transport layer



**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 7

Which of the following mechanisms are used for flow control? (Choose three)

- A. Acknowledgement
- B. Buffering
- C. Source quench messages
- D. Windowing

**Correct Answer:** BCD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 8

Source Destination Protocol Info

```
10.0.12.1 10.0.12.2 TCP 50190 > telnet [SYN] Seq=0 Win=8192 Len=0 MSS=1460
10.0.12.2 10.0.12.1 TCP telnet> 50190 [SYN, ACK] Seq=0 Ack=1 Win=8192 Len=0
MSS=1460
10.0.12.1 10.0.12.2 TCP 50190 > telnet [ACK] Seq=1 Ack=1 Win=8192 Len=0
```

Refer to the capture output. The administrator has captured three packets in the network. Which statement regarding the captured packets is incorrect?

- A. This packets represent a TCP three-way handshake process.
- B. 10.0.12.1 is the telnet server, while 10.0.12.2 is the telnet client.
- C. The three packets contain no application data.
- D. 10.0.12.1 uses port 50190 to buid the telnet connection.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 9

An Ethernet frame is captured by network protocol analyzer tool and the value of Type/Length field is 0x0800.

Which of the following statements about the frame are correct? (Choose two)

- A. The frame structure of the frame is Ethernet\_II
- B. The frame structure of the frame is 802.3
- C. Its upper layer protocol is IP

D. Its upper layer protocol is IPX

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 10

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

- A. The TTL defines how many packets the source can send.
- B. The TTL defines the duration during which the source can send packets.
- C. The TTL value will decrement by 1 each time the packet is routed.
- D. The TTL value will increment by 1 each time the packet is routed.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**



#### QUESTION 11

Which of the following statements are correct about TTL field in IP packet? (Choose two)

<choice ident="A">  
<choice ident="B">  
<choice ident="C">  
<choice ident="D">



<https://vceplus.com/>

- A. The maximum value of TTL is 65535.
- B. Normally, it's impossible for a router to receive a packet whose TTL is zero.
- C. The main purpose of TTL is to prevent IP packets from circulating endlessly in a network which can consume a lot of bandwidth.
- D. TTL value will be decremented as a packet is passed through the network devices such as hub, LAN switch and router.

**Correct Answer:** BC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 12

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

- A. Interface for sending an Echo Request packet
- B. Source IP address for sending an Echo Request packet
- C. Interface for receiving an Echo Reply packet
- D. Destination IP address for receiving an Echo Reply packet



**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 13

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?

- A. Destination port
- B. Source port
- C. Destination address
- D. Source address

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 14

A network administrator recently used tracert to trace the path to the destination IP address of an external website, however the trace path displayed only a timeout result.

Which of the following statements correctly explains the reason for this? (Choose two)

- A. The source router had shutdown the ICMP function.
- B. This destination IP address does not exist.
- C. The gateway cannot find a route to the destination.
- D. This is a normal phenomenon.

**Correct Answer:** BC

**Section:** (none)

**Explanation**

**Explanation/Reference:**



#### QUESTION 15

```
Ping 10.0.0.2: 56 data bytes, press CTRL_C to break
Reply from 10.0.0.2: bytes=800 Sequence=1 ttl=255 time=2 ms
Reply from 10.0.0.2: bytes=800 Sequence=2 ttl=255 time=10 ms
--- 10.0.0.2 ping statistics ---
 2 packet(s) transmitted
 2 packet(s) received
 0.00% packet loss
round-trip min/avg/max = 2/6/10 ms
```



A network administrator uses the ping command to test connectivity to the destination 10.0.0.2 on a Huawei AR series router.

Which statement regarding the output is correct?

- A. The network administrator used the command ping -c 2 -s 800 10.0.0.2 B.
- The network administrator used the command ping -a 2 -v 800 10.0.0.2
- C. The path between the source and destination is not OK.
- D. The network administrator changed the default TTL value.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 16

Which of the following statements explains the behavior of the ICMP redirect function? (Choose two)

- A. When a router receives data on the interface via which the same data needs to be forwarded, and the source is on the same segment as the next hop, an ICMP redirect message will be sent by the router to the source.
- B. When a router receives data on an interface, and the router's IP address matches the destination IP of the data, an ICMP redirect message will be sent by the router to the source.
- C. When a router receives data on the interface via which the same data needs to be forwarded, and the source is on the same segment as the next hop, an ICMP Redirect message will be sent by the source to the router.
- D. When a router receives data on the interface via which the same data needs to be forwarded, and the source is on a different segment from the next hop, an ICMP redirect message will be sent by the router to the source

**Correct Answer:** AD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 17

Host A wishes to send data to host C, and generates an ARP request to obtain the destination MAC address.

Which statement is true?

- A. The destination IP address of the ARP request is Host C.
- B. The destination MAC address of this ARP request is Host C.
- C. The destination IP address for the ARP request is a broadcast IP address.
- D. The destination MAC address of this frame is the MAC address of G0/0/0 on RTA.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 18

An ARP request is sent by host A to obtain the destination MAC address of host D.

Which statement is true about regarding the ARP reply?

- A. The destination MAC address of this frame is the MAC address of Switch A.
- B. The destination IP address of this packet is the VLANIF1 IP address of Switch A.
- C. The destination MAC address of this frame is the MAC address of Host A.
- D. The destination IP address of this packet is a broadcast IP address.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 19

Which of the following statements about gratuitous ARP packets are true? (Choose two)

- A. A system can determine whether conflicting IP addresses are used by sending a gratuitous ARP packet
- B. A gratuitous ARP packet uses the same format as an ARP request packet.



<https://vceplus.com/>

- C. A gratuitous ARP packet can help to update an IP address.
- D. A gratuitous ARP packet uses the same format as an ARP reply packet.

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 20

UDP is connectionless oriented, which of the following must be used in order to ensure reliability?

- A. Internet Protocol
- B. Application Layer Protocol
- C. Network Layer Protocol
- D. Transmission Control Protocol

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 21

The administrator has configured an IP address for Host A and Host B, but had forgotten to configure a default gateway.

What effect will this have on the hosts?

- A. Neither host will be affected, and therefore will be able to communicate with the peer.
- B. Host A will be unable to connect to the router's G0/0/0 interface.
- C. Hosts will be unable to communicate unless arp-proxy is enabled on the router.
- D. The host will be unable to reach neither the local nor remote network destinations.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 22

A host has established a telnet connection with the router attached to interface G0/0/0.

Which of the following statements are correct? (Choose two)

- A. The destination address of a frame sent by the host will be the MAC address of the router interface.
- B. The destination address of a frame will be the MAC address of the switch interface.
- C. The destination port number in a segment header will have a value of 80.
- D. The destination IP address of a packet will be the IP address of the network interface of the router.

**Correct Answer:** AD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 23

The administrator uses the ping command on the host to test connectivity to the website www.huawei.com.

The command line shows a request time out. The administrator displays the ARP entries for the host.

Which entry will be found in the ARP cache table of the host?

- A. The MAC address of the destination www.huawei.com will exist in the ARP cache.
- B. The MAC address of the switch will exist in the ARP cache.
- C. The IP address of the destination www.huawei.com will exist in the ARP cache.

D. The MAC address of router interface G0/0/0, will exist in the ARP cache.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 24

When R2 forwards data to R3 from R1, which of the following items will change? (Choose two)

- A. The source MAC address
- B. The destination MAC address
- C. The source IP address
- D. The destination IP address

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**



#### QUESTION 25

If Host B also configured the IP address as "192.168.1.1/24", an IP address conflict will occur.  
What will happen as a result?

- A. Host B will send an ICMP request to the destination with the configured IP address. If a reply is received, the host will notify of an address conflict.
- B. Host A will send a gratuitous ARP request to resolve the MAC address of the destination 192.168.1.1, for which Host B will reply.
- C. Host B will send a gratuitous ARP request to resolve the MAC address of the destination 192.168.1.1, for which Host A will reply.
- D. Host A will ignore any received ARP request intended for destination 192.168.1.1.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 26**

```
<Quidway>display mac-address
```

```
-----  
MAC Address VLAN/VSI Learned-From Type  
-----
```

```
5489-98ec-f018 1/- GE0/0/13 dynamic  
-----
```

```
Total items displayed = 1
```

Refer to the graphic. A switch attempts to forward a frame to the MAC destination 5489-98ec-f01. What operation will occur on the switch?

- A. The switch will send a request to obtain the MAC address of 5489-98ec-f011.
- B. The switch will report that the destination is unreachable and report this to the source.
- C. The switch will flood the frame via all ports, with exception of the port on which the frame was received.
- D. The switch will drop the frame because it does not have an entry in its MAC address table.

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 27**

Host A has been connected to switch A and configured with an IP address.

When Host A initially forwards a frame, what action will be taken by Switch A?

- A. Switch A will drop this frame.
- B. Switch A will attempt to flood the frame to all ports except for the G0/0/1 interface.

- C. Switch A will forward the frame via ports G0/0/1, G0/0/2 and G0/0/3.
- D. Switch will receive this frame before returning the frame to G0/0/1.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 28

A server is linked to port interface G0/0/1 of a switch. The administrator wishes to allow only this server to be linked to this interface on the switch.

Which method can be used to achieve this?

- A. Configure a static ARP entry using the server's IP address and MAC address in the switch.
- B. Configure a static MAC address binding entry of the server's MAC address and the interface in the switch.
- C. Configure the default gateway of the switch to be the same as the server's IP address.
- D. It is not possible to enable a single device to be associated with an interface.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 29

An administrator connects two switches together in a local enterprise network. The ports of one switch support Fast Ethernet, while the ports of the other switch support Gigabit Ethernet. Hosts connected to one switch are able to communicate, however communication between the two switches fails.

What is the possible reason for this?

- A. The ports have disabled auto-negotiation.



<https://vceplus.com/>

- B. One port is supporting auto-negotiation, while auto-negotiation is disabled on the port of the other switch.
- C. The port of one switch is operating using half duplex mode, while the port of the other switch is using full duplex mode.
- D. A Fast Ethernet port cannot communicate directly with a Gigabit Ethernet port.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**



### QUESTION 30

A layer 2 LAN switch generates CAM table entries according to the ( ) of the received frame.

- A. Source MAC address
- B. Destination MAC address
- C. Source IP address
- D. Destination IP address

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 31



Which of the following statements about collision domains and broadcast domains are correct? (Choose three)

- A. Devices connected to the same hub form a collision domain
- B. Devices connected to the same hub form a broadcast domain
- C. Devices connected to the same bridge form a collision domain
- D. Devices connected to the same bridge form a broadcast domain
- E. Devices connected to the same router form a broadcast domain

**Correct Answer:** ABD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 32

Which of the following statements regarding layer-2 switch is incorrect?

- A. The switch learns MAC addresses automatically.
- B. The layer-3 header is modified before the received packet is transmitted.
- C. The layer-2 header is modified before the received packet is transmitted.
- D. The layer-2 LAN switch operates at data link layer.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 33

```
[R1]display interface GigabitEthernet0/0/0
GigabitEthernet0/0/0 current state : Administratively DOWN
Line protocol current state : DOWN
```

Refer to the display output. What can be determined based on the output of the display command?

- A. Interface Gigabit Ethernet 0/0/0 is connected to a wrong cable
- B. Interface Gigabit Ethernet 0/0/0 is not associated with an IP address
- C. Interface Gigabit Ethernet 0/0/0 is not associated with a dynamically defined route.
- D. Interface Gigabit Ethernet 0/0/0 has been manually shut down by an administrator.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 34

Which of the following statements regarding static and dynamic routing is incorrect?

- A. The static route can be easily configured and managed on the enterprise network.
- B. The use of dynamic routing is more convenient for the administrator to manage the network following network convergence.
- C. The static route can automatically recover when a link failure is encountered.
- D. Dynamic routing will use more resources than static routes.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 35

Which of the following are routed protocols? (Choose two)

- A. IP
- B. OSPF
- C. BGP
- D. IPX

**Correct Answer:** AD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 36**

Which of the following statements regarding the routing table are correct? (Choose two)

- A. The next hop in the routing table is redundant because the outgoing interface can be used for packet forwarding.
- B. The routes from generated by different protocols have different preferences.
- C. The metrics of different routing protocols are comparable.
- D. The metrics of different routing protocols are not comparable

**Correct Answer:** BD

**Section:** (none)

**Explanation**

**Explanation/Reference:**



**QUESTION 37**

Which of the following commands can be used to display the routing table on a Quidway router?

- A. display ip path
- B. display ip routing-table
- C. display interface
- D. display current-configuration

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 38**

Which of the following entries is not included in the routing table?

- A. source address
- B. next hop

- C. destination address
- D. cost

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 39

Which of the following problems are caused by routing loops? (Choose three)

- A. Slow convergence
- B. Packets circulate between routers
- C. Router restarting
- D. Inconsistency of routing information

**Correct Answer:** ABD

**Section:** (none)

**Explanation**

**Explanation/Reference:**



### QUESTION 40

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

- A. Telnet
- B. FTP
- C. Console Connection
- D. DHCP

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 41**

The administrator cannot use telnet to manage the AR2200. The administrator is able to verify connectivity to the router and has been informed that other administrators have no difficulties using telnet.

Which statements describe the possible reasons for this problem? (Choose two)

- A. The user's status has been blocked
- B. The user's privilege level has been changed to 0.
- C. The user has been deleted.
- D. The telnet service in the AR2200 router has been disabled.

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 42**

A user logged into a VRP supported device through telnet, but when attempting to configure the device, found that he is unable to use the system-view command to enter the system-view.

What are the possible reasons for this? (Choose two)

- A. The device's VTY interface only provides permission for some telnet users to run the system-view command.
- B. The user's telnet software restricts use of this command.
- C. The user's privilege level is lower than the level associated with the system-view command.
- D. The system-view command privilege level is lower than the level associated with the user.

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 43**

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

What is the possible reason?

- A. Communication failures occur between the user and the router.
- B. The authentication mode of Telnet is set incorrectly.
- C. Privilege level of Telnet is set incorrectly.
- D. SNMP parameters are set incorrectly.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 44

Which of the following statements are correct? (Choose two)

- A. A single collision domain exists between RTA and SWC.
- B. A single broadcast domain exists between SWA and SWB.
- C. A single collision domain exists between SWA and SWC.
- D. A single broadcast domain exists between SWA and SWC.



**Correct Answer:** CD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 45

On the interface serial 1/0/1 of RTA, the command “ip address unnumbered interface loopback 0” has been configured.

Which following statements are correct? (Choose two).

- A. The IP address of interface serial 1/0/1 is 10.1.1.1/24
- B. The IP address of interface serial 1/0/1 is 10.1.1.1/32
- C. The route entry 10.1.1.0/24 exists in RTA's routing-table
- D. The route entry 10.1.1.0/24 does not exist in RTA's routing-table

**Correct Answer:** BD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 46

Refer to the graphic. The host has a problem establishing a telnet connection with the router attached to interface G0/0/0. Which of the following steps can be used to help the administrator identify the problem? (Choose two)

<choice ident="A">

<choice ident="B">

<choice ident="C">

<choice ident="D">

- A. Check whether the host has configured the gateway IP address.
- B. Check whether the switch has configured the gateway IP address.
- C. Use the ping tool to check connectivity between host and router.
- D. Check the telnet server configuration is right on the router.

**Correct Answer:** CD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 47

Which of the following methods are supported by VRP platform to configure the router? (Choose three)

- A. Through the Console port
- B. Through Telnet
- C. Through the AUX port
- D. Through FTP

**Correct Answer:** ABC

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 48**

The administrator wishes to update the configuration file of an AR2200 router using a USB cable.

How can this be achieved? (Choose two)

- A. The administrator should connect the USB cable between the terminal and the mini USB port of the AR2200 router.
- B. The administrator should connect the USB cable between the terminal and the USB port of the AR2200 router.
- C. The AR2200 router cannot support configuration updates through a USB cable.
- D. The administrator should install the mini USB drivers on the terminal after connecting the USB.

**Correct Answer: AD**

**Section: (none)**

**Explanation**

**Explanation/Reference:**



**QUESTION 49**

The administrator wishes to manage a network through telnet from a user's terminal to a router.

How can this be achieved?

- A. A connection should be established between the ethernet port of the terminal and the console port of the router.
- B. A connection should be established between the ethernet port of the terminal and the ethernet port of the router.
- C. A connection should be established between the console port of the terminal and the ethernet port of the router. use console cable connect pc's ethernet port and router's console port.
- D. A connection should be established between the COM port of the terminal and the console port of the router.

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**



**QUESTION 50**

Whilst configuring a device, an administrator experiences trouble remembering certain commands.

Which of the following will help support the administrator? (Choose two)

A. TAB



<https://vceplus.com/>

B. question mark

C. ctrl+b

D. ctrl+c



**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 51**

```
<Huawei> system-view
[Huawei] user-interface console 0
[Huawei-ui-console0] user privilege level 15
[Huawei-ui-console0] authentication-mode password
[Huawei-ui-console0] set authentication password cipher huawei2012
[Huawei-ui-console0] quit
```

Refer to the configuration output. The administrator configured the device using the commands in the configuration output. Regarding these commands, which statement is false?

- A. The administrator wishes to enable management through the console interface.
- B. Following configuration, the administrator cannot manage the device remotely.
- C. A user that logs-in through the console interface is assigned the highest privilege level.
- D. The password of a user logged in through console is 'cipher huawei2012'.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 52

Which of the following is abbreviation of VRP?

- A. Versatile Routine Platform
- B. Virtual Routing Platform
- C. Virtual Routing Plane
- D. Versatile Routing Platform



**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 53

<Huawei> system-view

[Huawei]command-privilege level 3 view user save

Refer to the command output. What is the result of the shown command?

- A. The command adjusts the save command of a user to privilege level 3.
- B. The command adjusts the save command in the user view to privilege level 3.
- C. The command adjusts the user view command privilege level to 3, and saves the configuration.
- D. The command adjusts the privilege level of a user to 3, and saves the configuration.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 54**

<Huawei>system-view

[Huawei]history-command max-size 20

Refer to the command output. Which statements regarding the shown command are true? (Choose two)

- A. The command is used to adjust the size of the history command buffer.
- B. The default value of the history command buffer is 5.
- C. The command should be configured in the user-interface view.
- D. Once configured, commands totaling up to 20 bytes can be saved in the buffer.

**Correct Answer:** AC

**Section:** (none)

**Explanation**



**Explanation/Reference:**

#### **QUESTION 55**

An AR2200 router is required to be reconfigured from scratch. Which steps are needed to achieve this? (Choose two)

- A. Reset the saved configuration.
- B. Clear the current configuration.
- C. Reboot the AR2200.
- D. Assign the configuration file to be used at next startup.

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 56**

An administrator has been requested to replace the configuration file of a router in the network. The administrator has been instructed that after logging into the router, he must first permanently erase the current configuration file config.zip from the system.

Which command should he use to achieve this?

- A. delete /force config.zip
- B. delete /unreserved config.zip
- C. reset config.zip
- D. clear config.zip

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 57**

Which of the following commands can switch a view from the system view to the user view?

- A. System-view
- B. Router
- C. Quit
- D. User-view

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 58**

Which of the following storage devices are supported by Huawei router? (Select four)

- A. SDRAM
- B. NVRAM
- C. Flash

- D. Hard Disk
- E. CF Card

**Correct Answer:** ABCE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 59

Which of the following storage devices is used to store the startup configuration files in a router?

<choice ident="A">

<choice ident="B">

<choice ident="C">

<choice ident="D">

- A. SDRAM
- B. NVRAM
- C. Flash
- D. BootROM



**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 60

<Huawei>reset saved-configuration

Warning: The action will delete the saved configuration in the device.

The configuration will be erased to reconfigure. Continue? [Y/N]:

Refer to the configuration output. Which of the following statements are true? (Select two answers)

- A. A user should enter 'Y' when wishing to clear the saved configuration file.
- B. The saved-configuration file that the device starts with can be erased.

- C. The saved-configuration will be deleted after typing N
- D. The saved-configuration file will be replaced with the current-configuration.

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 61

When a router is powered on, the router reads the configuration file saved in the default save directory to get itself initialized. If the configuration file does not exist in the default save directory, what does the router use to initialize itself?

- A. New configuration file
- B. Initial configuration file
- C. Default parameters
- D. Current configuration file

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 62



```
<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
```

Refer to the display output. Which statement is false?

- A. The current configuration file has not been saved.
- B. The current startup system software is ar2220-v200r003c00spc200.cc
- C. The next startup system software cannot be changed.
- D. The next startup system software can be changed by using the “startup system software <startup-softwarename>.cc” command.

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

### QUESTION 63

An AR2200 router in the company network cannot boot. In order to resolve this, the administrator wishes to update the VRP software.

What should he/she do?

- A. The administrator should use a console cable to connect the router and host, and directly upgrade the device.
- B. The administrator should use FTP to transfer the VRP software, by configuring the AR2200 router as an FTP client.
- C. The administrator should use DHCP to boot the AR2200, and then use the AR2200 router as a TFTP client to download the VRP software from the server.

D. The administrator should use the telnet command on the client to remote access the device, and upgrade the VRP software.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 64

<Huawei>

Warning: Auto-Config is working. Before configuring the device, stop Auto-Config. If you perform configurations when Auto-Config is running, the DHCP, routing, DNS, and VTY configurations will be lost. Do you want to stop Auto-Config? [y/n]:

Refer to the output. When the administrator first starts the router, a system notice is displayed, however after rebooting this router, the notice disappeared. What is the reason for this? (Choose two)

- A. This notice only appears during the very first device startup.
- B. The administrator has configured the device and saved the configuration, causing the notice to disappear.
- C. The administrator selected 'n' and did not save the configuration.
- D. The administrator selected 'y' and saved the configuration.

**Correct Answer:** BD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 65

Which of the following commands can be used to display mapping relationship between network address and DLCI?

- A. display fr interface
- B. display fr
- C. display fr map-info
- D. display fr brief



**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 66**

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

- A. Same DLCI number is configured on the same router
- B. LMI type mismatch
- C. Frame Relay encapsulation type mismatch
- D. Incorrect configuration of the DLCI number

**Correct Answer:** BCD

**Section:** (none)

**Explanation**

**Explanation/Reference:**



#### **QUESTION 67**

An administrator wishes to update the VRP software of company's AR2200 router. How can this be achieved? (Choose three)

- A. The administrator can use FTP to transfer the VRP software, with the AR2200 router as the FTP client.
- B. The administrator can use FTP to transfer the VRP software, with the AR2200 router as the FTP server.
- C. The administrator can use TFTP to transfer the VRP software, with the AR2200 router as the TFTP server.
- D. The administrator can use TFTP to transfer the VRP software, with the AR2200 router as the TFTP client.

**Correct Answer:** ABD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 68**

An administrator wishes to implement new features in the network, but the VRP version of one AR2200 router is out of date. The administrator needs to upgrade the VRP software.

Which of the following options regarding file transfer is false?

- A. The AR2200 router can function as a TFTP client to support the upgrade.
- B. The AR2200 router can function as the TFTP server to support the upgrade.
- C. The AR2200 router can function as the FTP server to support the upgrade.
- D. The AR2200 router can function as an FTP client to support the upgrade.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 69

FTP and TFTP can be used to update the system file on Huawei routers. Which of the following statements are correct? (Choose three)

- <choice ident="A">
- <choice ident="B">
- <choice ident="C">
- <choice ident="D">

- A. Huawei router can be configured as FTP Client
- B. Huawei router can be configured as FTP Server
- C. Huawei router can be configured as TFTP Client
- D. Huawei router can be configured as TFTP Server

**Correct Answer:** ABC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 70

An administrator discovered he/she was unable to use TFTP to transfer files to the router.

Which of the following describes the likely reason for this?

- A. The TFTP service had been disabled on the router.
- B. TCP port 69 of the server had been blocked.
- C. UDP port 69 of the server had been blocked.
- D. The username and password had been modified.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 71

FTP may be used to upgrade a router's VRP image.

Which of the following transmission modes should be used to achieve this?



<https://vceplus.com/>

- A. binary mode
- B. ASCII mode
- C. byte mode
- D. letter mode

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 72**

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? (Choose two)

- A. 21
- B. 80
- C. 20
- D. 50649

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**



**QUESTION 73**

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

- A. encapsulation hdlc
- B. link-protocol hdlc
- C. hdlc enable
- D. link-protocol ppp

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 74**

If AH and ESP are both required to protect data streams between IPsec peers, how many Security Associations (SA) are required in total?

- A. 1
- B. 2
- C. 3
- D. 4

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 75

Two routers establish an IPsec tunnel, which of the following does not need to be the same on both peering devices?

- A. Encapsulation mode
- B. Transform mode
- C. Proposal name
- D. authentication algorithm

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 76

Which of the following formats represent an accurate condensing of the IPv6 address 2031:0000:720C:0000:0000:09E0:839A:130B? (Choose two).

- A. 2031:0:720C:0:0:9E0:839A:130B
- B. 2031:0:720C:0:0:9E:839A:130B
- C. 2031::720C::9E0:839A:130B
- D. 2031:0:720C::9E0:839A:130B

**Correct Answer:** AD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 77**

Which of the following IPv6 addresses can be configured on a router's interface? (Choose two).

- A. fe80:13dc::1/64
- B. ff00:8a3c::9b/64
- C. ::1/128
- D. 2001:12e3:1b02::21/64

**Correct Answer:** AD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 78**

The IPv6 address architecture does not include which of the following address types?

- A. unicast
- B. multicast
- C. broadcast
- D. anycast

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 79**

Which of the following descriptions regarding IPv6 addresses are correct? (Choose two)

- A. IPv6 addresses are 64 bits in length.
- B. IPv6 addresses are 128 bits in length.
- C. IPv6 extension headers are processed in order.

D. IPv6 extension headers are processed randomly.

**Correct Answer:** BC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 80

Interface G0/0/1 on RTA contains a MAC address of 00e0-fc03-aa73 and is configured with the IPv6 address 2001::2E0:FCFF:FE03:AA73. Which method is most likely to have been used to configure the interface IPv6 address?

- A. DHCPv6
- B. Auto-link
- C. ARP
- D. EUI-64

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**



#### QUESTION 81

In a small network supporting IPv6, a network administrator wishes implement RIPng.

Which of the following commands should be used to enable this protocol?

- A. [RTA-GigabitEthernet0/0/0]ripng 1 enable
- B. [RTA]ripng 1 enable
- C. <RTA>ripng 1 enable
- D. [RTA-ripng-1]ripng 1 enable

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 82**

In a network supporting IPv6, OSPF no longer supports which feature?

- A. multiple areas
- B. Router-ID
- C. authentication
- D. multicast updates

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 83**

The network administrator has decided to configure link aggregation in the enterprise network.

Which of the following represent advantages of link aggregation? (Choose three)

- A. Load balancing.
- B. Improved bandwidth.
- C. Enhanced reliability.
- D. Improved security.

**Correct Answer:** ABC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 84**

In port aggregation, "multiple" ports are aggregated to form a port aggregation group so that all the member ports in the group share the outgoing/incoming load.

At which layer is port aggregation implemented?



- A. Physical Layer
- B. Data Link Layer
- C. Network Layer
- D. Transport Layer

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 85

What benefits does port aggregation yield? (Choose three)

- A. Improves link bandwidth
- B. Implements load sharing
- C. Improves network reliability
- D. Facilitates data copy for analysis

**Correct Answer:** ABC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 86

What is the maximum number of member interfaces supported by a single Eth-Trunk?

- A. 6
- B. 8
- C. 10
- D. 12

**Correct Answer:** B

**Section:** (none)

**Explanation**



**Explanation/Reference:**

**QUESTION 87**

The Eth-Trunk frame forwarding mechanism used to prevent changes in the data sequence forwards frames based on which of the following parameters?

- A. The same source or destination IP address.
- B. The same source or destination MAC address.
- C. The same protocol type.
- D. The same source or destination port number.

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 88**

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

- A. Maximum number of Up member links



<https://vceplus.com/>

- B. Minimum number of Up member links
- C. Number of Up member interfaces
- D. Number of interfaces.

**Correct Answer:** AC

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 89**

The network administrator wishes to forward data over an Eth-trunk, however associated member interfaces operate at different rates. In terms of the resulting behavior, which of the following is true?

- A. The two switches will not be able to communicate.
- B. The higher rate member interfaces may incur packet loss.
- C. The Eth-Trunk will work normally.
- D. The lower rate member interfaces may incur packet loss.

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**



**QUESTION 90**

The network administrator attempts to add interface G0/0/1 on Switch A to Eth-trunk 1, however the command fails.

Which of the following may cause this?

- A. The interface is operating in half-duplex mode.
- B. The interface has been shutdown.
- C. The interface is already associated with another Eth-trunk.
- D. The interface is an access port.

**Correct Answer: CD**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 91**

A network requires a solution to allow 50 private IP addresses to be translated, however only a single public address is available for use.

Which translation method can be used to support this requirement?

- A. Static NAT
- B. Dynamic NAT
- C. Easy-IP
- D. NAT

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 92**

NAPT allows for multiple internal addresses to be mapped to a single public address.

How does NAT distinguish between the different private addresses when mapping to the same public address?

- A. The source MAC address is used.
- B. The destination MAC address is used.
- C. The source port number is used.
- D. The destination port number is used.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 93**

A web server in a private network is required to provide HTTP services to public users. The network administrator is required to configure NAT on RTA.

Which configuration should be used?

- A. [RTA-Serial1/0/1]nat server protocol tcp global 202.10.10.1 www inside 192.168.1.1 8080
- B. [RTA-Serial0/0/1]nat server protocol tcp global 192.168.1.1 www inside 202.10.10.1 8080
- C. [RTA-GigabitEthernet0/0/1]nat server protocol tcp global 202.10.10.1 www inside 192.168.1.1 8080
- D. [RTA- GigabitEthernet0/0/1]nat server protocol tcp global 192.168.1.1 www inside 202.10.10.1 8080

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 94

The network administrator needs to configure static NAT on RTA, in order to allow Host A to communicate with Host C.

Which command is correct?

- A. [RTA-Serial1/0/1]nat outbound 200.1.1.10
- B. [RTA-Serial1/0/1]nat static global 200.1.1.10 inside 192.168.1.0
- C. [RTA-Serial1/0/1]nat static global 192.168.1.1 inside 200.1.1.10
- D. [RTA-Serial1/0/1]nat static global 200.1.1.10 inside 192.168.1.1

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 95

[RTA-GigabitEthernet0/0/0]nat outbound 2000 address-group 1 Refer

to the configuration output. What does the value “2000” refer to?

- A. It represents the ACL number.
- B. It represents the NAT number.
- C. It represents the translated port number.
- D. It represents the number of bytes that can be translated before the address is returned to the public address pool.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 96**

NAPT uses the same public address but different port numbers to translate private addresses.

Which statement regarding the port number is correct?

- A. It is necessary to configure port number mapping manually.
- B. It is only necessary to configure the port number range.
- C. It is not necessary to configure port numbers.
- D. An access control list is needed to assign port numbers.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**



#### **QUESTION 97**

A configured internal host of a private network wishes to access the internet. What must be configured on the enterprise network's edge router in order to achieve this? (Choose two)

- A. NAT EasyIP
- B. DHCP
- C. BGP
- D. Default route

**Correct Answer:** AD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 98**

Which of the following statements are correct about NAT? (Choose three)

- A. NAT is the abbreviation for "Network Address Translation".
- B. NAT is used for translation between private and public network addresses.
- C. When hosts inside a private network access the outside network, NAT is not required.
- D. NAT provides an effective way to solve the problem of insufficient IP addresses.

**Correct Answer:** ABD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 99**

Which of the following technologies can allow a host with IP address 10.0.0.1 to access the internet?

- A. Static route
- B. Dynamic route
- C. Route import
- D. NAT



**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 100**

Which of the following items can be translated by NAT?

- A. MAC address + port number
- B. IP address + port number
- C. Only MAC address
- D. Only IP address

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 101**

Which of the following statements about a designated port working in RIPv2 multicast mode are true? (Choose three)

- A. The port receives only RIPv2 multicast packets.
- B. The port does not receive RIPv1 broadcast packets.
- C. The port does not receive RIPv2 broadcast packets.
- D. The port receives only RIPv1 multicast packets.

**Correct Answer:** ABC

**Section:** (none)

**Explanation**

**Explanation/Reference:**



#### **QUESTION 102**

Which of the following statements regarding the router ID in OSPF are incorrect? (Choose three)

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

**Correct Answer:** ABC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 103**

The administrator wishes to configure OSPF on a router in the network however the router has no loopback interface.



Which value will be used as the router ID?

- A. The lowest IP address of the router's active interfaces.
- B. The highest IP address of the router's active interfaces.
- C. The IP address of the management interface.
- D. The priority value of the router.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 104

An administrator of a company supporting a large enterprise network wishes to implement OSPF on the network as opposed to RIP. Which of the following points should the administrator use to support his reasoning for this change? (Choose three)

- A. OSPF has no hop count limitation.
- B. OSPF has a lower routing update overhead.
- C. OSPF has a simpler configuration.
- D. OSPF supports faster convergence.



**Correct Answer:** ABD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 105

Which of the following statements regarding single area OSPF are correct? (Choose three)

- A. An IP address needs to be configured on a loopback interface of each router before configuring an OSPF area.
- B. The value of an area can be from 0.0.0.0 to 255.255.255.255.
- C. A single area can be configured using any supported area number.
- D. All of the links of the network need to be advertised in Area 0.

**Correct Answer:** BCD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 106**

10.0.1.0/24 O ASE 150 2 D 10.0.23.3 Serial2/0/0

Refer to the display output. Which of the following statements regarding route shown are true? (Choose two)

- A. The address 10.0.23.3 has been configured on the peer's serial 2/0/0 interface.
- B. The route preference has been changed by the administrator.
- C. The metric for the route 10.0.1.0 indicates that two hops are needed.
- D. The route has been learned via the OSPF protocol.

**Correct Answer:** AD

**Section:** (none)

**Explanation**

**Explanation/Reference:**



#### **QUESTION 107**

Which of the following statements regarding link-state database and routing-table of a "single" OSPF area are correct? (Choose two)

- A. The link-state databases that all routers build are identical.
- B. The link-state databases that all routers build are different.
- C. The routing-tables that all routers calculate are different.
- D. The routing-tables that all routers calculate are identical.

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 108**

Which of the following steps are necessary to configure OSPF on a Huawei router? (Choose three)

- A. Configuration of a router ID
- B. Enabling of an OSPF process
- C. Specifying an OSPF area
- D. Configuration of the network segments within each area

**Correct Answer:** BCD

**Section:** (none)



**Explanation**

**Explanation/Reference:**

**QUESTION 109**

An OSPF area is a collection of a group of routers and networks. OSPF defines that routers that have the same ( ) belong to the same OSPF area.

- A. neighbors
- B. LSDB
- C. LSA
- D. adjacency

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**



**QUESTION 110**

Which of the following statements about router IDs are true? (Choose two)

- A. The routers contained in the same LSDB have the same router ID.
- B. Each router in an OSPF network must have a unique router ID.
- C. Two routers in different OSPF areas can have the same router ID.
- D. A router ID is expressed in a 32-bit dotted decimal format.

**Correct Answer: BD**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 111**

A.

B.

OSPF allows for “multiple” processes. By default, OSPF selects a process whose number is ( ).

0

1

C. 10

D. 100

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

#### QUESTION 112

In a network supporting IPv6, OSPF no longer supports which feature?

A. multiple areas B.

Router-ID

C. authentication



<https://vceplus.com/>

D. multicast updates

**Correct Answer: C**

**Section: (none)**

**Explanation**

A.

<https://vceplus.com/>

B.

**Explanation/Reference:**

**QUESTION 113**

Two routers are configured with OSPFv3. OSPFv3 is enabled on all interfaces of each router.

Which of the following is true in the event that the network administrator does not configure a Router-ID?

The IP address of the loopback 0 interface will be used as the router ID.

The IP address of the loopback 1 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. No router ID will be assigned to the router.

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 114**



Destination/Mask	protocol	pre	Cost	Nexthop	Interface
9.0.0.0/8	OSPF	10	50	1.1.1.1	Serial 1/0/0
9.1.0.0/16	RIP	100	5	2.2.2.2	Ethernet 0/0/1

Refer to the graphic. Which of the following statements is correct when this router forwards the packet to the destination host 9.1.4.5?

A. The router selects the first entry to match the destination address of the packet because the preference of OSPF is higher than the preference of RIP.

B. The router selects the second entry to match the destination address of the packet because the cost of RIP is lower than that of OSPF.

C. The router selects the second entry to match the destination address of the packet because the outgoing interface is an Ethernet interface. The forwarding speed of an Ethernet interface is faster than the forwarding speed of a serial interface

D. The router selects the second entry to match the destination address of the packet because the router will match the most specific address.

A.

B.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 115**

According to the default value of route preference on the VRP platform, which of the following represent the correct sequence for direct route, static route, RIP and OSPF if they are listed from high preference to low preference?

Direct, Static, RIP, OSPF



A.

B.

Direct, OSPF, Static, RIP

C. Direct, OSPF, RIP, Static D.

Direct, RIP, Static, OSPF

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 116

A router has learned two routes for the same network with the same prefix. One route has been learned via OSPF with a metric of 4882, while the other route has been learned via RIPv2 with a metric of 4.

Which route (s) will be found in the routing table?

A. The RIPv2 route.

B. The OSPF and RIPv2 routes.

C. The OSPF route.

D. Neither of these routes will be found in the routing table.



**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 117

Two routers are connected via serial interfaces, for which the link-protocol is PPP. The network administrator wishes to configure PPP authentication to improve security on this link.

Which PPP authentication method provides a more secure solution?

A. CHAP

B. PAP

C. MD5



D. SSH

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 118

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

- A. Authenticate-Ack
- B. Authenticate-Nak
- C. Authenticate-Reject
- D. Authenticate-Reply

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**



#### QUESTION 119

Two routers are connected via serial interfaces and the link-protocol is PPP, but the MRU of two serial interfaces are different, in PPP LCP negotiated stage, what will happen?

- A. LCP negotiation will fail
- B. Negotiation will use the smaller value
- C. Negotiation will use the larger value
- D. Negotiation will use 1500

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 120**

PPP is more secure than HDLC because PPP supports authentication protocols such as ( ). (Choose two)

- A. PAP
- B. MD5
- C. CHAP
- D. SSH

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 121**

A serial interface of a Huawei router currently using HDLC needs to assign PPP as the encapsulation protocol.

Which of the following commands is required to be configured at the serial interface view?

- A. link-protocol ppp
- B. encapsulation ppp
- C. enable ppp
- D. address ppp

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 122**

When using VRP, which of the following commands is used to configure the PPP authentication method as PAP?

- A. ppp pap
- B. ppp authentication-pap
- C. ppp authentication-mode pap

D. ppp pap-authentication

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 123

When configuring the PPP authentication method as PAP, which of the following operations are necessary? (Choose three)

- A. Add the user name and password of the authenticated party to the local user list.
- B. Configure the encapsulation type of the interface connected to the peer as PPP.
- C. Configure PPP authentication method as CHAP.
- D. On the authenticated party end, configure the user name and password that are sent to authenticator.

**Correct Answer:** ABD

**Section:** (none)

**Explanation**

**Explanation/Reference:**



#### QUESTION 124

In the PPP protocol, which of the following encryption algorithms is used by CHAP?

- A. DES
- B. MD5
- C. AES
- D. None

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 125**

What is the function of the "ip address ppp-negotiate" command?

- A. Enables the function of requesting for an IP address from the peer device.
- B. Enables the function of accepting the request for an IP address from the remote device.
- C. Enables the function of statically allocating IP addresses to the peer.
- D. None of the above.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**



<https://vceplus.com/>