

1. 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: **A,D**

2. As shown in the figure, if the switch runs STP with default parameters, which of the following ports will be elected as the designated port?

- ☐ A. Port G0/0/2 of Switch A
- ☐ B. HUB's E0/0/1 port
- ☐ C. HUB's E0/0/2 port
- ☐ D. Port G0/0/1 of Switch A

Correct Answer: **D**

3. A gateway must be configured for communication between a host and other hosts.

- ☐ A. False
- ☐ B. True

Correct Answer: **B**

4. 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? (Choose two).

- ☐ A. [RTA-Serial1/0/1]ip address 172.16.1.1 24

- ☐ B. [RTA-Serial1/0/1]fr interface-type dte
- ☐ C. [RTA-Serial1/0/1]fr inarp
- ☐ D. [RTA-Serial1/0/1]link-protocol FR

Correct Answer: B,C

5. When the link layer protocol is (), OSPFV3 considers the network as a broadcast network.

- ☐ A. PPP
- ☐ B. ARP
- ☐ C. Ethernet
- ☐ D. HDLC

Correct Answer: B

6. The following description of the Router ID in OSPF is incorrect (). (multiple choice)

- ☐ A. The router ID must be specified by manual configuration.
- ☐ B. The router IDs must be the same in the same area. The router IDs in different areas can be different.
- ☐ C. The router ID must be the IP address of an interface of the router.
- ☐ D. The prerequisite for the normal operation of OSPF is that the router has a router ID

Correct Answer: A,B,C

7. On VRP platform, which of the following parameters can be used together with the "ping" command to specify the source address of an echo request message?

- ☐ A. S
- ☐ B. A
- ☐ C. D

☐ D. N

Correct Answer: B

8. After the administrator successfully logs in to the router through Telnet and finds that the IP address of the interface of the router cannot be configured, the possible causes are ().

- ☐ A. The Telnet terminal software used by the administrator prohibits the corresponding operation.
- ☐ B. The authentication mode of the Telnet user is incorrectly configured.
- ☐ C. SNMP parameter configuration error
- ☐ D. The Telnet user level is incorrectly configured.

Correct Answer: D

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

- ☐ A. 4
- ☐ B. 3
- ☐ C. 1
- ☐ D. 2

Correct Answer: A

10. 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?

- ☐ A. Direct, RIP, Static, OSPF
- ☐ B. Direct, OSPF, RIP, Static
- ☐ C. Direct, Static, RIP, OSPF
- ☐ D. Direct, OSPF, Static, RIP

Correct Answer: **D**

11. As shown in the broadcast network, OSPF runs on four routers and is in the same area and on the same network segment. OSPF A DR and multiple BDRs will be automatically elected to achieve better backup results.



☐ A. Wrong

☐ B. Yes

Correct Answer: **A**

12. 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. link-protocol ppp

☐ B. encapsulation hdlc

☐ C. hdlc enable

- ☐ D. link-protocol hdlc

Correct Answer: **D**

13. As shown in the figure, the R0 and RTB G0/0/1 interfaces are configured with IPV6 addresses of different network prefixes, and the network administrator is on two routers.

Both run the OSPFv3 protocol and configure the OSPFv3 Router ID for each router. The correct description is (). (many selected)



- ☐ A. RTA cannot ping RTB
- ☐ B. RTA and RTB can establish OSPFv3 neighbor relationships.
- ☐ C. RTA and RTB cannot establish OSPFv3 neighbor relationships.
- ☐ D. RTA can ping RTB

Correct Answer: **B,D**

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

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

- ☐ D. Negotiation will use 1500

Correct Answer: C

15. After a fault occurs in the network, the administrator finds out that the configuration of a router has been modified. What measures should the administrator take to avoid this happening again? (multiple choice)

- ☐ A. The administrator should configure AAA to authenticate and authorize users who log in to the device.
- ☐ B. The administrator should configure all account login devices except the administrator to have a privilege level of 0.
- ☐ C. The administrator should configure the ACL to control only the administrator to log in to the device.
- ☐ D. The administrator should enable port-security on the management port of the route

Correct Answer: A,B,C

16. 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 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.
- ☐ C. Host A will ignore any received ARP request intended for destination 192.168.1.1.
- ☐ D. 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.

Correct Answer: B

17. Which of the following are routing protocols? (multiple choice)

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

Correct Answer: **A,C**

18. Which of the following OSPF versions is specific to IPv6?

- ☐ A. OSPFv4
- ☐ B. OSPFv1
- ☐ C. OSPFv3
- ☐ D. OSPFv2

Correct Answer: **C**

19. Referring to the following topology and configuration, routers R1 and R2 are connected through a Serial low-speed cable, and the data link layer uses PPP. When R1 and R2 When the Holdtimes are inconsistent, ARP negotiation fails and communication cannot

be performed.



```
[R1]interface Serial0/0/0
[R1-Serial0/0/0] ip address 202.10.1.1 255.255.255.0
[R1-Serial0/0/0] timer hold 2
#
[R2]interface Serial0/0/0
[R2-Serial0/0/0] ip address 202.10.1.2 255.255.255.0
```

- ☐ A. Correct
- ☐ B. Error

Correct Answer: **B**

20. The VRP operating system commands are divided into four levels: access level, monitoring level, configuration level, and management level. Can run various business configuration commands but not Which level of operating file system?

- ☐ A. Monitoring level
- ☐ B. Management level

- ☐ C. Configuration level
- ☐ D. Access level

Correct Answer: C

21. The Layer 2 Ethernet switch generates a MAC address table option based on the () packet received by the port.

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

Correct Answer: C

22. You can use the preference preference to configure the priority value of a RIP route or the command in the RIP process of the Huawei device.

After specifying a routing policy, set the priority value for the specific route that meets the conditions.

- ☐ A. Error
- ☐ B. Correct

Correct Answer: B

23. On the VRP platform, the order of the default protocol priorities of direct route, static route, RIP, and OSPF is ().

- ☐ A. Direct route, OSPF, static route, RIP
- ☐ B. Direct routing, RIP, static routing, OSPF
- ☐ C. Direct routing, OSPF, RIP, static routing
- ☐ D. Direct route, static route, RIP, OSPF

Correct Answer: A

24. Two authentication domains "Area1" and "Area2" are configured on the authentication server. If the user uses the correct username "huawei" and the password is used.

The code "hello" is authenticated, and which authentication domain is this user assigned to?

- ☐ A. Authentication domain "Area1"
- ☐ B. Authentication domain "Area2"
- ☐ C. Authentication domain "default domain"
- ☐ D. Authentication domain "default_admin domain"

Correct Answer: **C**

25. According to the command shown above, the correct one in the following description is (). (multiple choice)

[Huawei-GigabitEthernet0/0/1]port link-type access

[Huawei-GigabitEthernet0/0/1]port default vlan 10

[Huawei-GigabitEthernet0/0/2]port link-type trunk

[Huawei-GigabitEthernet0/0/2]port trunk allow-pass vlan 10

- ☐ A. The PVID of GigabitEthernet0/0/2 is 10
- ☐ B. The PVID of port GigabitEthernet 0/0/1 is 1.
- ☐ C. The PVID of port GigabitEthernet 0/0/1 is 10.
- ☐ D. The PVID of the GigabitEthernet0/0/2 port is 1.

Correct Answer: **C,D**

26. On the VRP platform, which of the following commands is used to configure the Router ID of a router as 1.1.1.1?

- ☐ A. [Huawei]router-id 1.1.1.1
- ☐ B. [Huawei]router id 1.1.1.1

☐ C. [Huawei]router id 1.1.1.1 255.255.255.255

☐ D. <Huawei>router id 1.1.1.1

Correct Answer: B

27. What versions of SNMP are supported by eSight? (multiple choice)

☐ A. SNMPv2c

☐ B. SNMPv3

☐ C. SNMPv2

☐ D. SNMPv1

Correct Answer: A,B,D

28. When the routers are running in the same OSPF area, the description of their LSDB and routing table is correct (). (multiple choice)

☐ A. The routing table of each router is different.

☐ B. The routing tables obtained by all routers are the same.

☐ C. The link state database obtained by all routers is the same

☐ D. The link state database obtained by each router is different.

Correct Answer: A,C

29. What command can I type in system view to switch to user view?

☐ A. quit

☐ B. router

☐ C. system-view

☐ D. user-view

Correct Answer: A

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

Correct Answer: B

31. An existing switch is directly connected to the designated port of the peer device through a port, but the port does not forward any packets but can be connected.

Receive a BPDU to listen for network changes, then the role of the port should be ().

- ☐ A. Alternate port
- ☐ B. Root port
- ☐ C. Disable port

- ☐ D. Designated port

Correct Answer: A

32. 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?

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

Correct Answer: B

33. The subnet mask of a network segment 150.25.0.0 is 255.255.224.0, then () is the valid host address in the network segment. (multiple choice)

- ☐ A. 150.25.2.24
- ☐ B. 150.25.1.255
- ☐ C. 150.15.3.30
- ☐ D. 150.25.0.0

Correct Answer: A,B

34. Which of the following statements regarding the DR in an OSPF network are correct? (Choose two)

- ☐ A. A DR must be elected among the routers through the negotiations that are defined by OSPF protocol.
- ☐ B. There must be at least one DR in an OSPF area.
- ☐ C. Only NBMA or Broadcast networks need to elect DR
- ☐ D. Only the router with highest priority will be elected as DR.

Correct Answer: A,C

35. In the following description of eSight, the error is ().

- ☐ A. eSight supports WLAN device management and hotspot coverage monitoring
- ☐ B. eSight supports configuration file backup and traffic analysis.
- ☐ C. eSight can only manage Huawei network devices.
- ☐ D. eSight can be used to monitor and manage enterprise networks

Correct Answer: C

36. The description of the above display information is correct ().

[R1]display interface g0/0/0

GigabitEthernet0/0/0 current state:Administratively DOWN

Line protocol current state:DOWN

- ☐ A. GigabitEthernet0/0/0 interface was manually closed by the administrator.c
- ☐ B. GigabitEthernet0/0/0 interface is connected with a wrong cable.
- ☐ C. GigabitEthernet0/0/0 interface is not configured with an IP address.
- ☐ D. GigabitEthernet0/0/0 interface does not have dynamic routing protocol enabled.

Correct Answer: A

37. Refer to the graphic. The link between RTA and RTB is encapsulated using PPP. The IP addresses of serial 1/0/1 of RTA and serial 1/0/1 of RTB are in different network segments. Which following is correct? (Choose two)

- ☐ A. The route entry 10.1.1.2/32 exists in the routing-table of RTA
- ☐ B. RTA cannot ping 10.1.1.2
- ☐ C. RTA can ping 10.1.1.2 successfully
- ☐ D. The route entry 10.1.1.0/24 exists in the routing-table of RTA

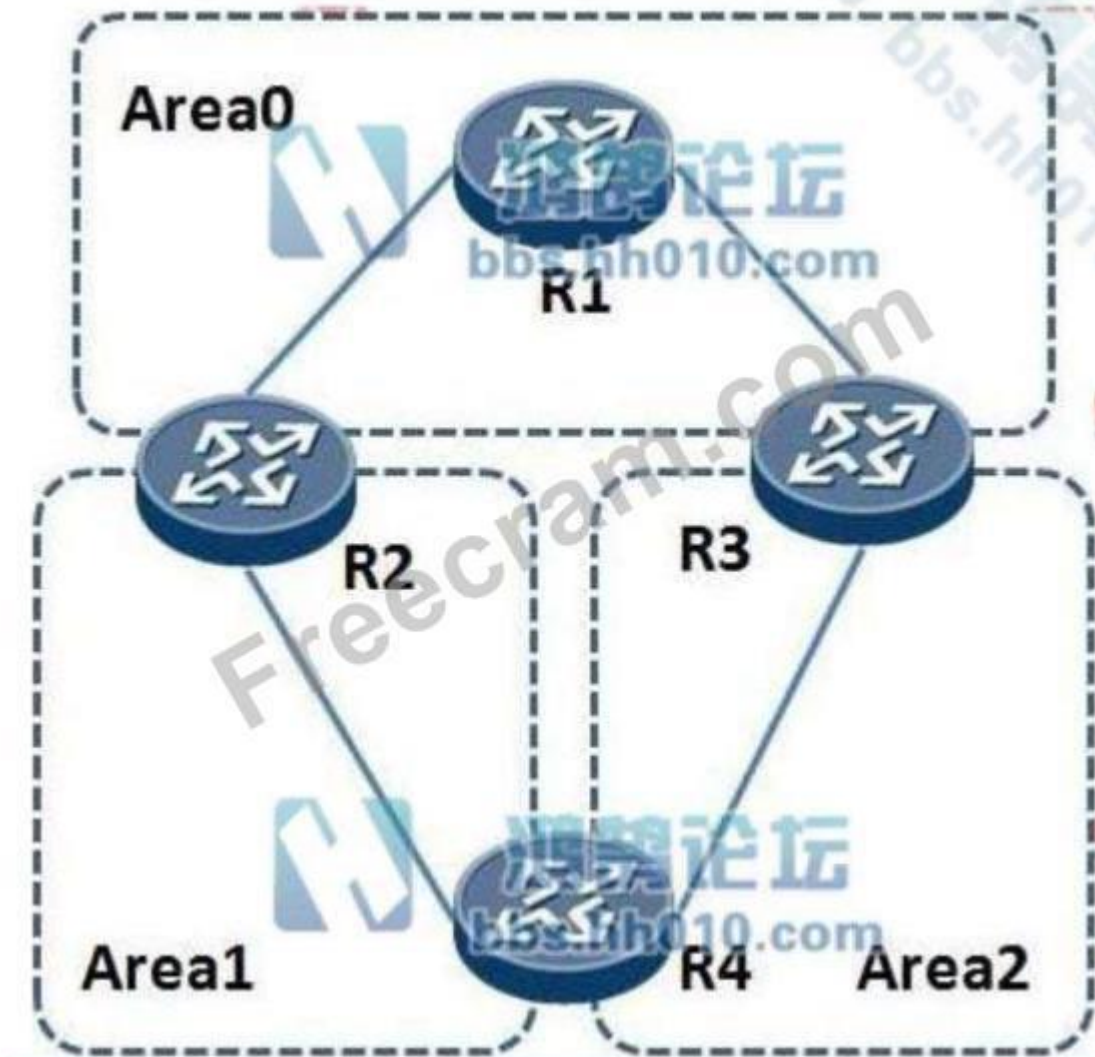
Correct Answer: **A,C**

38. When two OSPF routers form a TWO WAY-neighbor relationship, the LSDB has completed synchronization, but the SPF algorithm has not been run.

- ☐ A. Yes
- ☐ B. Wrong

Correct Answer: **B**

39. The network structure and OSPF partition are shown in the figure. In addition to R1, routers R2, R3 and R4 are OSPF ABR routers.



☐ A. Correct

☐ B. Error

Correct Answer: **B**

40. How many probe packets are sent for each TTL value by default when "tracert" is used to detect the path along which packet is sent from source to destination?

☐ A. 6

☐ B. 3

☐ C. 8

☐ D. 4

Correct Answer: **B**

41. As shown in the figure, the administrator configured the following command on the RTA, and the correct description is (). (multiple choice)



[RTA-Serial0/0/1] rip output
[RTA-rip-1]silent-interface s0/0/1

☐ A. RTA neighbor information does not include RTB

☐ B. RTB neighbor information does not include RTA

☐ C. RTB can still learn the routing information published by RT

☐ D. RTA can still learn the routing information published by RTB.

Correct Answer: **B,D**

42. For project cutover, backup or adjustment of configuration files are not required during VRP upgrade, because lost files can be found in the recycle bin.

- ☐ A. True
- ☐ B. False

Correct Answer: **B**

43. Which of the following commands can be used to check whether OSPF has correctly established neighbor relationships?

- ☐ A. display ospf interface
- ☐ B. display ospf brief
- ☐ C. display ospf neighbor
- ☐ D. display ospf peer

Correct Answer: **D**

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

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

Correct Answer: **B**

45. What is the length of the Ethernet_II frame that contains the Ethernet header?

- ☐ A. 46-1500B
- ☐ B. 64-1518B

☐ C. 64-1500B

☐ D. 60-1560B

Correct Answer: B

46. 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. encapsulation ppp

☐ B. link-protocol ppp

☐ C. address ppp

☐ D. enable ppp

Correct Answer: B

47. Regarding the commands used to detect IP network connectivity, the following statements are incorrect (). (multiple choice)

☐ A. ping 127.0.0.2, this command is used to check whether the host's network cable is plugged in.

☐ B. The ping command can be used to detect the connectivity of the host to the local gateway.

☐ C. The ipconfig/release command can be used to detect the connectivity of the host to the local gateway.

☐ D. ping 127.0.0.1, this command is used to check whether the network cable of the host is plugged in.

Correct Answer: A,C,D

48. In standard STP mode, which of the following non-root switches forwards the TC set BPDU generated by the root switch?

☐ A. Backup port

☐ B. Designated port

☐ C. Provisioning port

☐ D. Root port

Correct Answer: B

49. The STP switch sends BPDUs. The correct statement about BPDU is (). (multiple choice)

- ☐ A. The Control field value of the BPDU frame is 3.
- ☐ B. BPDU is a frame using the Ethernet II standard
- ☐ C. The destination MAC address of the BPDU frame is the broadcast address.
- ☐ D. BPDU is a frame using the IEEE802.3 standard

Correct Answer: A,D

50. 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. 20
- ☐ B. 80
- ☐ C. 21
- ☐ D. 50649

Correct Answer: A,C

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

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

Correct Answer: A

52. If the transport-layer protocol is UDP, the value of the "Protocol" field at the network layer is 6.

- ☐ A. True
- ☐ B. False

Correct Answer: **B**

53. When STP is running on Huawei Sx7 series switches, the priority of the switch is () by default.

- ☐ A. 4096
- ☐ B. 32768
- ☐ C. 16384
- ☐ D. 8192

Correct Answer: **B**

54. Which of the following parameters must be specified when configuring static mapping for Frame Relay network? (Choose two)

- ☐ A. Local network layer protocol address
- ☐ B. Remote DLCI
- ☐ C. Remote network layer protocol address
- ☐ D. Local DLCI

Correct Answer: **C,D**

55. What types of networks are supported by the OSPF protocol? (multiple choice)

- ☐ A. Point-to-Multipoint
- ☐ B. Point-to-Point
- ☐ C. Non-Broadcast Multi-Access

☐ D. Broadcast

56. Correct Answer: **A,B,C,D**

PPP is more secure and reliable than HDLC because PPP supports (). (multiple choice)

☐ A. MD5

☐ B. SSH

☐ C. CHAP

☐ D. PAP

Correct Answer: **C,D**

57. NAPT allows multiple private IP addresses to be mapped to the same public IP address through different port numbers. The following information about the port number in NAPT Description The correct one is ().

☐ A. Need to use ACL to assign port number

☐ B. No need to do any configuration about the port number

☐ C. You must manually configure the mapping between port numbers and private addresses.

☐ D. Only need to configure the range of port numbers

Correct Answer: **B**

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

☐ A. display fr brief

☐ B. display fr interface

☐ C. display fr map-info

☐ D. display fr

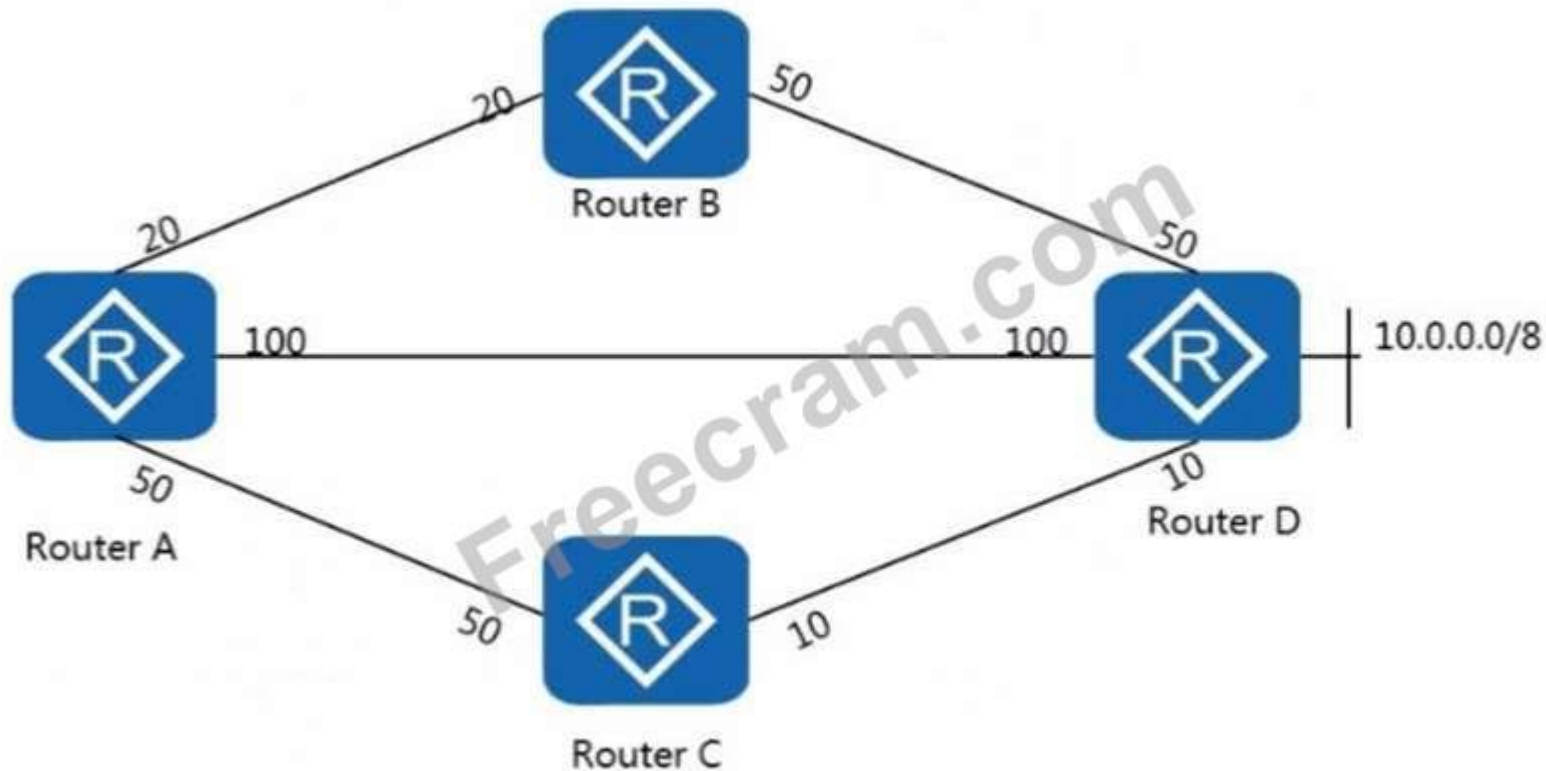
Correct Answer: **C**

59. The following is a mistake in the priority of static routes in Huawei devices

- ☐ A. The static router priority value ranges from 0 255
- ☐ B. The priority value of the static route is 255, indicating that the route is unavailable.
- ☐ C. The priority of static routes is divided into internal priority and external priority. Administrators can modify external priority.
- ☐ D. The default value of static router priority is 60.

Correct Answer: **A**

60. On the network shown in the figure, all routers run OSPF and the cost value is marked above the link. What is the cost value of the route to 10.0.0.0/8 in the routing table of RA?



- ☐ A. 20
- ☐ B. 100
- ☐ C. 70
- ☐ D. 60

Correct Answer: D

61. After the host obtains the IP address from DHCP server A and restarts, what kind of message will the following message be sent to DHCP server A?

- ☐ A. DHCP ACK
- ☐ B. DHCP OFFER
- ☐ C. DHCP DISCOVER
- ☐ D. DHCP REQUEST

Correct Answer: D

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

Correct Answer: D

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

- ☐ A. The port does not receive RIPv2 broadcast packets.

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

Correct Answer: A,C,D

64. Referring to the configuration of the one-arm route in the following figure, it can be judged that even if the ARP proxy is not enabled on the sub-interface of R1, between the administrative department and the finance department Can also visit each other.



- ☐ A. Wrong
- ☐ B. Yes

Correct Answer: A

65. An administrator wishes to configure a floating static route. In order to successfully achieve this, which operation should be performed?

- ☐ **A.** The administrator is required to configure a different costs metric for the primary static route and floating static route.
- ☐ **B.** The administrator is required to configure a different preference values for the primary static route and floating static route.
- ☐ **C.** The administrator is only required to configure two static routes.
- ☐ **D.** The administrator is required to configure deferent route tags for the primary static route and floating static route.

Correct Answer: B

66. All interfaces on a router belong to the same broadcast domain.

- ☐ **A.** False
- ☐ **B.** True

Correct Answer: A

67. As shown in the figure, the correct description about this network topology is ().



- ☐ A. There are 6 broadcast domains in this network
- ☐ B. There are 6 collision domains in this network.
- ☐ C. There are 2 broadcast domains in this network.
- ☐ D. There is 1 conflict domain in this network

Correct Answer: C

68. Which of the following VRP commands can be used to enter area 0 view? (Choose two)

- ☐ A. [Huawei-ospf-1]area 0
- ☐ B. [Huawei-ospf-1]area 0.0.0.0
- ☐ C. [Huawei]ospf area 0
- ☐ D. [Huawei-ospf-1]area 0 enable

Correct Answer: A,B

69. As shown in the figure, there is a web server in the private network that needs to provide more HTTP services to the public network users, so the network administrator needs to be at the gateway.

Configure NAT on the router RTA to meet the requirements. The correct configuration to meet the requirements in the following configurations is ().



- ☐ A. [RTA-Gigabitethernet0/0/1] nat server protocol tcp global 192.168.1.1 www inside 202.10.10.1 8080
- ☐ B. [RTA-Gigabitethernet0/0/1] nat server protocol tcp global 202.10.10.1 www inside 192.168.1.1 8080

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

Correct Answer: C

70. The following static route configuration is correct (). (multiple choice)

- ☐ A. ip route-static 129.1.0.0 16 serial 0
- ☐ B. ip route-static 129.1.0.0 255.255.0.0 10.0.0.2
- ☐ C. ip route-static 10.0.0.2 16 129.1.0.0
- ☐ D. ip route-static 129.1.0.0 16 10.0.0.2

Correct Answer: A,B,D

71. When using Telnet to log in to the router, which authentication methods can I choose? (choose 2 answers)

- ☐ A. password authentication
- ☐ B. MD5 ciphertext authentication
- ☐ C. Not certified
- ☐ D. AAA local certification

Correct Answer: A,D

72. What benefits does port aggregation yield? (Choose three)

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

Correct Answer: A,B,C

73. After deploying a DHCP server on the network, the administrator finds that some hosts have obtained the address specified by the DHCP server.

What are the possible reasons? (multiple choice)

- ☐ **A.** Some hosts cannot communicate properly with the DHCP server. These host client systems automatically generate addresses in the range of 127.254.0.0.
- ☐ **B.** There is another DHCP server in the network that is more efficient.
- ☐ **C.** The address pool of the DHCP server has been completely allocated.
- ☐ **D.** Some hosts cannot communicate properly with the DHCP server. These host client systems automatically generate addresses in the range of 169.254.0.0.

Correct Answer: B,C,D

**74. The Tracert diagnostic tool records the () of each ICMP TTL timeout message, so that the user can be provided with the message to reach the destination.
IP address.**

- ☐ **A.** Source port
- ☐ **B.** Destination port
- ☐ **C.** Source IP address
- ☐ **D.** Destination IP address

Correct Answer: C

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

- ☐ **A.** reverse-arp
- ☐ **B.** fr reverse-arp
- ☐ **C.** inverse-arp

☐ D. fr inarp

Correct Answer: **D**

76. Refer to the graphic. RTA and RTB are running RIPv1. RTA has advertised 10.0.0.0 and 192.168.1.0 to the RIP network. Which routes will exist in the IP routing table of RTB? (Choose two)

- ☐ A. 192.168.1.1/32
- ☐ B. 10.1.12.1/32
- ☐ C. 192.168.1.0/24
- ☐ D. 10.0.0.0/8

Correct Answer: **B,C**

77. Refer to the graphic. RTA and RTB are running RIPv1. RTA has advertised 10.0.0.0 and 192.168.1.0 to the RIP network. Which routes will exist in the IP routing table of RTB? (Choose two)

- ☐ A. 192.168.1.1/32
- ☐ B. 10.1.12.1/32
- ☐ C. 192.168.1.0/24
- ☐ D. 10.0.0.0/8

Correct Answer: **B,C**

78. <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 selected 'y' and saved the configuration.

- ☐ C. The administrator selected 'n' and did not save the configuration
- ☐ D. The administrator has configured the device and saved the configuration, causing the notice to disappear.

Correct Answer: B,D

79. [RTA]aaa

[RTA-aaa]domain huawei

[RTA-aaa-domain-huawei]authentication-scheme au1

[RTA-aaa-domain-huawei]authentication-scheme au2

The network administrator performs the above configuration on the Huawei router RTA. If a user needs to be authenticated in the authentication domain "huawei", the following is true.

The correct description is ().

- ☐ A. Will use the "authentication-scheme au2" certification
- ☐ B. Will use the "authentication-scheme au1" certification
- ☐ C. will use the "authentication-scheme au1" certification, if "au1" is deleted, will use "au2"
- ☐ D. will use the "authentication-scheme au2" certification, if "au2" is deleted, will use "au1"

Correct Answer: A

80. 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::720C::9E0:839A:130B
- ☐ B. 2031:0:720C:0:0:9E:839A:130B
- ☐ C. 2031:0:720C::9E0:839A:130B
- ☐ D. 2031:0:720C:0:0:9E0:839A:130B

Correct Answer: C,D

81. Which of the following commands is used to enter the system-view from the user view on a Huawei router?

- ☐ A. interface system
- ☐ B. enable
- ☐ C. configure terminal
- ☐ D. system-view

Correct Answer: D

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

Correct Answer: B

83. Which of the following commands can be used to view the current configurations on a Huawei router?

- ☐ A. display current-configuration
- ☐ B. show startup-configuration
- ☐ C. display saved-configuration
- ☐ D. view saved-configuration

Correct Answer: A

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

- ☐ A. NAT provides an effective way to solve the problem of insufficient IP addresses.

- ☐ B. NAT is used for translation between private and public network addresss.
- ☐ C. When hosts inside a private network access the outside network, NAT is not required.
- ☐ D. NAT is the abbreviation for "Network Address Translation"

Correct Answer: A,B,D

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

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

Correct Answer: A,D

86. The correct statement about free ARP is (multiple choice)

- ☐ A. By sending a free ARP, you can confirm whether the IP address has a conflict.
- ☐ B. The format of the free ARP packet is the same as that of the normal ARP request packet.
- ☐ C. The format of the free ARP packet is the same as that of the normal ARP reply packet.
- ☐ D. Free ARP can help update old IP address information

Correct Answer: A,B

87. On a P2P Networks, OSPFv3 does not need to send DD Packets when establishing an OSPFv3's Adjacency?

- A. True
- B. False

Correct Answer: B

88. As shown in Figure, all switches run STP. When a topology is stable, Power Off SWA. Which of the following Statements are TRUE?

- A. SWB Periodically sends Configuration BPDUs through G0/0/1
- B. SWC and SWB immediately re-elect the root bridge
- C. SWC send configuration BPDU through G0/0/1 after the max age timer expires
- D. SWC immediately sends a TC-BPDU through G0/0/1

Correct Answer: A, C

89. The DHCP server function is enabled on an interface of a router. What gateway address will be obtained by DHCP Client?

Interface G0/0/1

IP Address 11.0.1.1 255.255.255.0

Dhcp select interface

Dhcp server excluded-ip-address 11.0.1.2 11.0.1.127

- A. 11.0.1.1
- B. 11.0.1.100
- C. 11.0.1.255
- D. 11.0.1.254

Correct Answer: D

90. For multiple paths to the same destination network, the router needs to compare cost values of the paths. If the cost value are the same, the router selects the path based on the preference value.

- A. True
- B. False

Correct Answer: B

91. Which of the following description regarding the STP forwarding State is incorrect?

- A. A port in a forwarding state can receive BPDU
- B. A port in a forwarding state can send BPDU

- C. A port in a forwarding state can forward frames
- D. A port in a forwarding state does not learn the source MAC Address of a frame.

Correct Answer: **D**

92. For multiple paths to the same destination Network, the router needs to compare cost values of the paths. If the cost value are the same the router selects the path based on the preference value.

- A. True
- B. False

Correct Answer: **B**

93. When forwarding a data packet, a router needs to change the destination IP address of the data packet?

- A. True
- B. False

Correct Answer: **B**

94. User-interface con 0

User-privilege level 15 authentication-mode password

Set authentication password cipher huawei2012

Which of the following information is FALSE about the preceding configurations?

- A. The Administrator wants to log in to the device and manage through console port.
- B. The User who log into the device through the console port has the highest level of user rights
- C. The password for logging into the device through the console port is “cipher huawei2012”
- D. After the configuration is completed, the administrator cannot remotely login to the device to manage the device

Correct Answer: **C**

95. When the values of the M and O Flags in the RA packet that a DHCPv6 client receives from a DHCPv6 server are (), the DHCPv6 client uses DHCPv6 stateful autoconfiguration to obtain an IPv6 address and other configuration information?

- A. 0
- B. 1
- C. 11

D. 10

Correct Answer: **C**

96. The TCP protocols uses the Three-Way Handshake Mechanism to establish and disable connections. Therefore, TCP support reliable data?

- A. True
- B. False

Correct Answer: **A**

97. Which of the following IPv6 extension headers can occur twice?

- A. Fragment extension Header
- B. Hop-by-Hop Option Header
- C. Destination Option Header
- D. Upper-Layer Header

Correct Answer: **C**

98. Which of the following packet types are DHCPv6 packet types?

- A. Discover
- B. Offer
- C. Solicit
- D. Advertise

Correct Answer: **C, D**

99. The broadcast address of the subnet 192.168.1.0/25 is 192.168.1.128?

- A. True
- B. False

Correct Answer: **B**

100. The LACP Priority is shown in the Figure. Switch A and Switch B adopt link aggregation in LACP mode, All interfaces are added to Link Aggregation Group (LAG), and the maximum number of Active Port is set to 3, which port of Switch A is NOT an Active Port?

- A. G0/0/1
- B. G0/0/2
- C. G0/0/0
- D. G0/0/3

Correct Answer: **D**

101. DHCP Request packets MUST be sent in broadcast mode?

- A. True
- B. False

Correct Answer: **B**

102. A Switch receives a VLAN Tagged Frame, but the Destination MAC Address Can't be found in the Switch's MAC Address Table, how will the Switch React?

- A. The Switch will broadcast this frame to all ports
- B. The Switch will broadcast this frame to all access ports in this VLAN
- C. The Switch will discard this Frame
- D. The Switch will broadcast this frame to all ports in this VLAN

Correct Answer: **D**

103. In Huawei Devices, when NAPT uses a dynamic address pool, addresses in the pool can be used repeatedly. That is, one IP address can be mapped to multiple IP Addresses.

- A. True
- B. False

Correct Answer: **A**

104. The basic header of IPv6 Packets has a Fixed Length?

- A. True
- B. False

Correct Answer: **A**

105. If the MAC Address of an Interface is EEE0-AABB-CD7B, the Corresponding EUI-64 Address is ()

- A. ECE0-AAFF-FEBB-CD7B
- B. EEE0-AAFF-FEBB-CD7B
- C. CCE0-AAFF-FEBB-CD7B
- D. CCE0-AABB-FFFE-CD7B

Correct Answer: **A**

106. Which of the following command is/are used to set the Authentication Mode to HWTACACS Authentication?

- A. Authentication-mode hwtacacs
- B. Authentication-mode htwtacacs
- C. Authentication-mode none
- D. Authentication-mode local

Correct Answer: **A**

107. How many DUIDs can each DHCPv6 Server have?

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

Correct Answer: **C**

108. Which of the following routing protocols are dynamic routing protocols?

- A. BGP

- B. Static Routing
- C. OSPF
- D. Direct Routing

Correct Answer: **A, C**

109. Which of the following statements about the configuration of the G0/0/1 Interface on RTA is/are true?

- A. This interface does not forward received FTP Packets
- B. This interface does not forward received SNMP Packets
- C. This interface does not forward received ICMP Packets
- D. This interface can establish OSPF neighbour relationships with other routers

Correct Answer: **A, B, D**

110. As a new tunnelling technology that replaces MPLS, segment routing (SR) has attracted more and more attention. Many users want to introduce the SR Technology to simplify network deployment and management to reduce capital expenditure (CAPEX)

- A. True
- B. False

Correct Answer: **A**

111. Which of the Following ports states are included in Rapid Spanning Tree Protocol (RSTP)?

- A. Forwarding
- B. Learning
- C. Discarding
- D. Listening

Correct Answer: **A, B, C**

112. If the value of the "Type/Length" field of an Ethernet Data Frame is 0x0800, the Length range of the Upper-layer Packet header Carried by the Data Frame is from 20B to 60B?

- A. True
- B. False

Correct Answer: **A**

113. What is the default priority of static routes on a Huawei AR Router?

- A. 0
- B. 120
- C. 60
- D. 100

Correct Answer: **C**

114. Which of the following options is not a Segment Routing (SR) Label Action?

- A. Swap
- B. POP
- C. PUSH
- D. Switch

Correct Answer: **D**

115. On the Network shown in the Figure, Host A logs into RTA through TELNET and obtains the configurations file of the RTB through FTP on the Remote CLI. How many TCP Connections exists on RTA?

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

Correct Answer: **D**

116. When the Trunk port send the data frame, how to deal with?

- A. When the VLAN ID is the same as the PVID of the port and is a VLAN ID allowed by the port, remove the Tag and send the messagecorrect
- B. When the VLAN ID is different from the PVID of the port, the data frame is dropped
- C. When the VLAN ID is different from the PVID of the port, replace it with PVID forwarding
- D. When the VLAN ID is different from the PVID of the port, strip off the TAG and forward

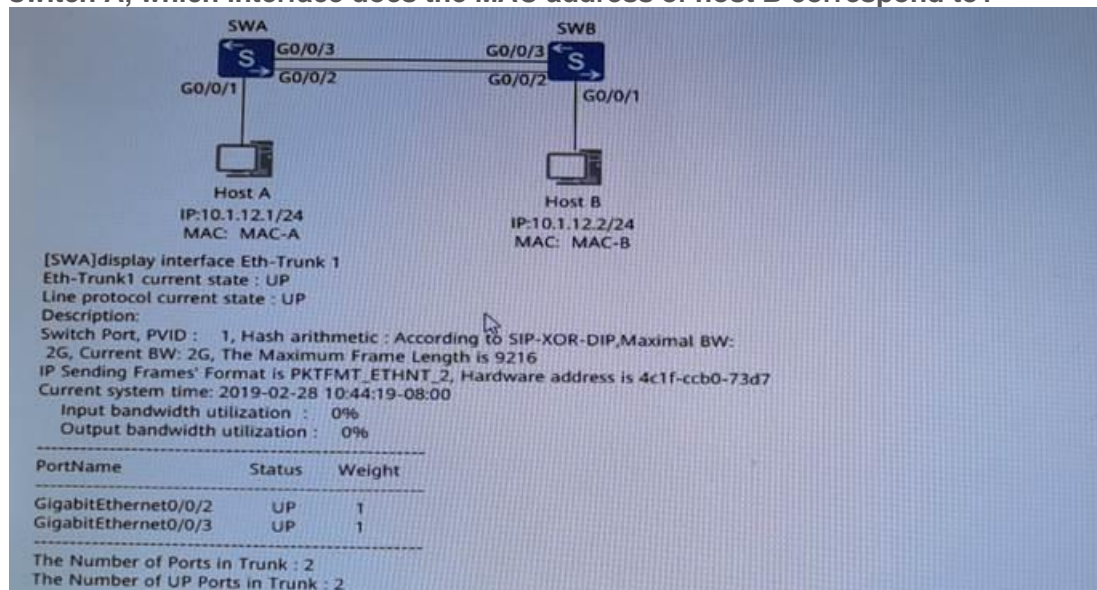
Correct Answer: **A**

117. How many bits are there in the VLAN ID in the VLAN format defined by IEEE802.1Q?

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

Correct Answer: A

118. In the network shown in the figure below, the output information of switch A is shown in the figure. Then in the MAC address table of switch A, which interface does the MAC address of host B correspond to?



- A. GigabitEthernet 0/0/3
- B. GigabitEthernet0/0/2
- C. Eth-Trunk 1correct
- D. GigabitEthernet0/0/1

Correct Answer: C

119. All ports on the root-bridge switch are designated ports.

- A. **True correct**
- B. False

120. In the configuration BPDU sent by the switch, which bridge ID is unlikely to appear?

- A. 8192 00-01-02-03-04-CC
- B. 4096 00-01-02-03-04-CC
- C. **0 00-01-02-03-04-CC**
- D. 2048 00-01-02-03-04-CC correct

121. The number of VLANs that can be created using the commands "vlan batch 10 20" and "vlan batch 10 to 20" respectively is

- A. 11 and 11
- B. 11 and 2
- C. 2 and 2
- D. **2 and 11 correct**

122. By default, the root path cost of the root bridge in the STP protocol must be 0.

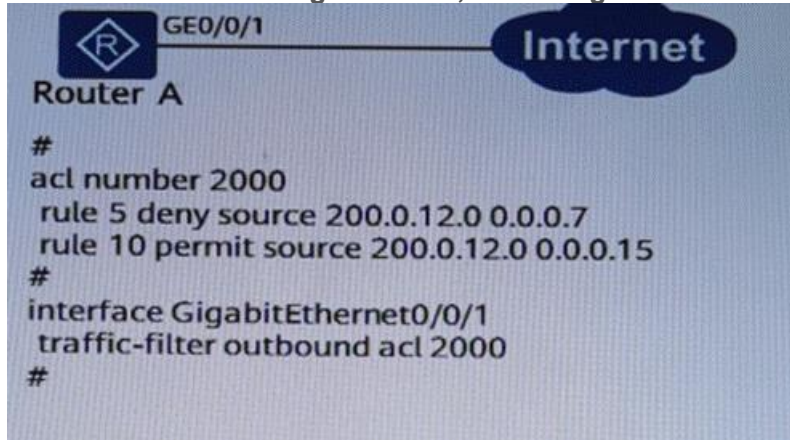
- A. **True correct**
- B. False

123. The administrator wants all hosts to be unable to access the Internet between 8:00-17:00 every day, so which ACL rule needs to be bound to the traffic-filter outbound in the GO/0/1 interface allocation?

- A. time-range am9topm5 08:00 to working-day
Acl number 2003
rule 5 deny time-range am9topjni5
- B. time-range am9topm5 08:00 to 17:00 off-day

acl number 2004
rule 5 permit time-range
- C. **time-range am9topm5 08:00 to 17:00 daily
acl number 2001
rule 5 deny time-range am9topm5 correct**
- D. time-range am9topm5 07:00 to 18:00 daily
Acl number 2002

124. As shown in the figure below, the wrong statement is:



acl number 2000]

rule 5 deny source 200.0.12.00.0.0.7 rule 10permit source200.0.12.00.0.0.15 #

interface GigabitEthernetO/0/1 traffic-filteroutbound acl2000

- A. The host whose source IP address is 200.0.12.4 cannot access the Internet
- B. The host whose source IP address is 200.0.12.2 cannot access the Internet
- C. The host whose source IP address is 200.0.12.8 cannot access the Internet correct**
- D. The host whose source IP address is 200.0.12.6 cannot access the Internet

125. On Huawei equipment, if you use aaa authentication for authorization. When the remote server does not respond, you can authorize from the network equipment side.

- A. True correct**
- B. False

126. What percentage does the DHCP client expect to send the lease renewal message for the first time?

- A. 0.5 correct**
- B. 0.875
- C. 1
- D. 0.25

127. After the administrator successfully logs in to the router through Telnet, and finds that the router's interface IP address cannot be allocated, the possible reasons are ()

- A. **The Telnet user level is incorrectly configured correct**
- B. SNMP parameter is incorrectly configured
- C. The Telnet user authentication mode is incorrectly configured
- D. The administrator uses the telnet terminal software to prohibit the corresponding operation

128. vty configuration as shown in the figure, the user authority level is set to level 3.

```
[Huawei]user-interface vty 0 14
```

```
[Huawei-ui-vtyo-14]acl 200o inbound
```

```
[Huavei-ui-vtyo-14]user privilege level 3
```

```
[Huavei-ui-vtyo-14]authentication-node password Please configure the login password (maxim length 16):huawei
```

- A. False
- B. **True correct**

129. When AP and AC are on different Layer 3 networks, what method is recommended for AP to discover AC? (Multiple Choice)

- A. **Broadcasting method correct**
- B. **DNS correct**
- C. **DHCP correct**
- D. Manually specified on AP

130. What frequency does IEEE 802.11n support? (Multiple Choice)

- A. **2.5GHz correct**
- B. **2.4GHz correct**
- C. **5GHz correct**
- D. 6GHz

Correct Answer: A, B, C

131. In IPv4 networks, AP supports static and DHCP methods to obtain IP addresses.

- A. **True correct**
- B. False

132. What is the maximum negotiation rate supported by the IEEE 802.11g standard?

- A. 300Mbps
- B. 150Mbps
- C. 54Kbps
- D. 1200Mbps

Correct Answer: C

133. Which WLAN security policies support the link authentication method of Open mode? (Multiple Choice)

- A. WPA2-802.1X correct
- B. WPA2-PSK
- C. WEP correct
- D. WPA correct

134. Which of the following SNMP packets are sent to the NMS by the Agent on the managed device?

- A. Set-Request
- B. Get-Request
- C. Get-Next-Request
- D. Response

Correct Answer: D

135. Which field is added to the IPv6 packet header than the IPv4 packet header?

- A. Destination Address
- B. Flow Label correct
- C. Version
- D. Source Address

Correct Answer: B

136. Which of the following statements about RA and RS in IPv6 are correct? (Multiple Choice)

- A. RS is used to reply address prefix information correct
- B. RA is used to request address prefix information
- C. RS is used to request address prefix information correct
- D. RA is used to reply address prefix information correct

Correct Answer: A, C, D

137. Telnetlib is a module that implements the Telnet protocol that comes with Python.

- A. **True** correct
- B. False

Correct Answer: A

138. The controller is the core component of SDN. The controller connects to the device through the southbound interface. Which of the following belong to the controller southbound protocol? (Multiple Choice)

- A. **SNMP**correct
- B. PCEP
- C. **OpenFlow**correct
- D. NETCONF

Correct Answer: A, C

139. In the campus network, network reliability can be improved by using link aggregation and stacking technology.

- A. **True** correct
- B. False

C. **Correct Answer: A**

140. Using the command mkdir test in the VRP operating platform, the system will create a directory named test.

- A. **True** correct
- B. False

C. **Correct Answer: A**

141. As shown in the figure, after the two routers are configured with OSPF, the administrator configures the <silent -interface s0/0/0> command on RTA, then the correct description of the following is (). (Multiple Choice)

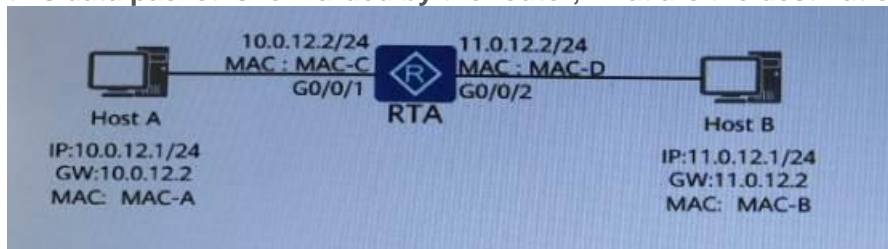


- A. The neighbour relationship between the two routers will be down correct
- B. The neighbour relationship between the two routers will not be affected correct
- C. RTA will no longer send OSPF packets correct
- D. RTA will continue to receive, analysed and process OSPF packets sent by RTB correct
- E. **Correct Answer: A, B, C, D**

142. Which of the following statements about the default route are correct? (Multiple Choice)

- A. **If the destination address of the message cannot match any other routing entries in the routing table, the router will forward the message according to the default route** correct
- B. There must be a default route in the routing table of any router
- C. The default route can only be manually configured by the administrator
- D. **In the routing table, the default route appears as a route to the network 0.0.0.0 (the mask is also 0.0.0.0)** correct
- E. **Correct Answer: A, D**

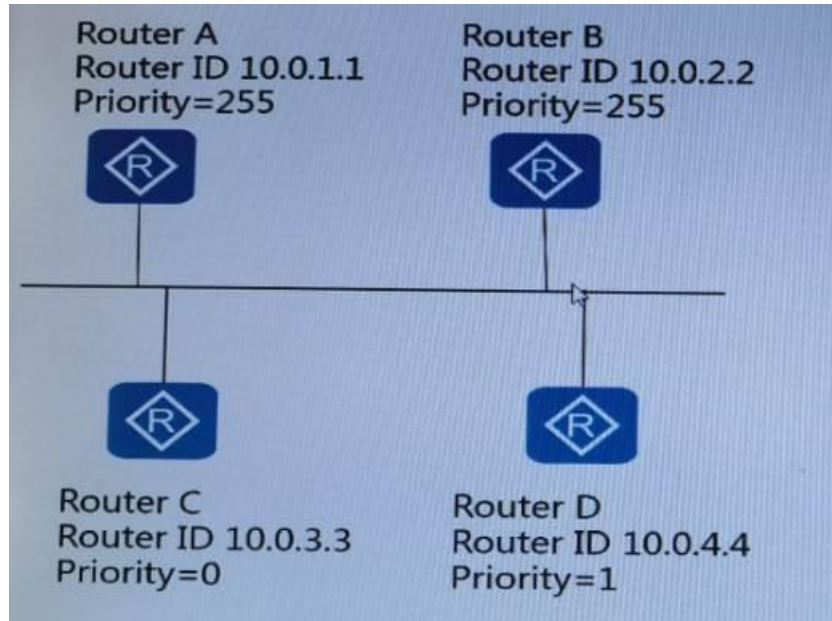
143. In the network shown in the figure below, the router receives a data packet with a destination IP address of 11.0.12.1 from host A. After this data packet is forwarded by the router, what are the destination MAC and destination IP?



- A. MAC-C, 11.0.12.1
- B. MAC-D, 10.0.12.2
- C. **MAC-D, 11.0.12.1** correct
- D. MAC-B, 11.0.12.1

E. **Correct Answer: C**

144. In the network shown in the figure below, assuming that all routers enable the OSPF protocol at the same time, which router is the BDR in this network?



- A. Router D
- B. Router B
- C. Router C
- D. **Router A correct**
- E. **Correct Answer: D**

145. There are multiple route entries to the same destination network in the routing table. These routes are called:

- A. Sub-optimal routing
- B. Multi-path routing
- C. Default route
- D. **Equal cost routing**

Correct Answer: D

