Exam Code: 12-811_V1.0

Exam Name: HCIA-Datacom V1.0

Exam A

QUESTION 1
As shown in the figure below. Which network device can host A and host B use to achieve communication? () (Single-choice question)
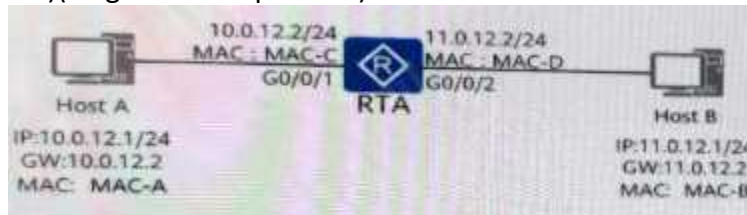

A. HUB
B. Hub
C. Layer 2 switch
D. router

Correct Answer: D
Section:

QUESTION 2
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 is forwarded by the router, what are the destination MAC and destination IP?)(Single-choice question)
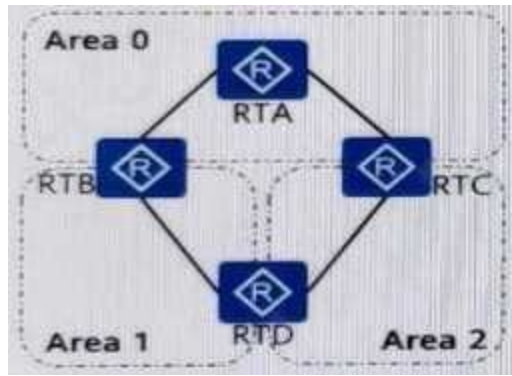

A. MAC-C. 11.0.12.1

B. MAC-B. 11.0.12.1

C. MAC-D. 10.0.12.2

D. MAC-D. 11.0.12.1

Correct Answer: B
Section:

QUESTION 3
The network structure and OSPF partition are shown in the figure. Except for RTA in the figure, the routers RTB, RTC and RTD are all ABR routers. ()(True or False)
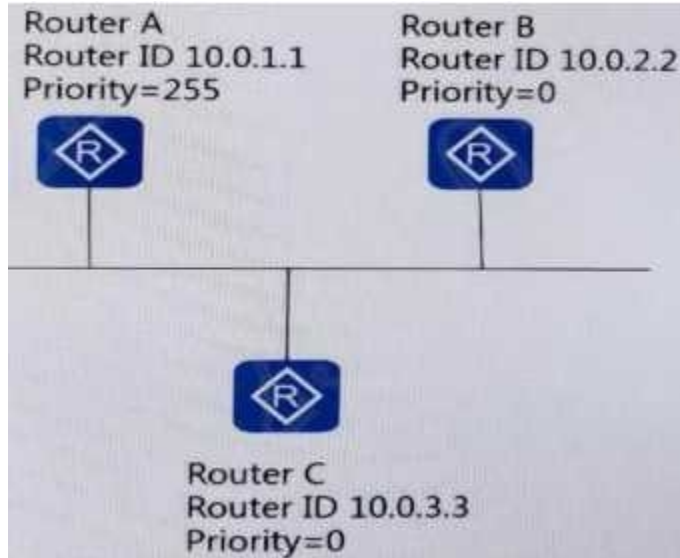
A. True
B. False

Correct Answer: B
Section:

QUESTION 4
In the network shown in the figure below, when the 0$PF neighbor status is stable. What is the neighbor status of Router B and Router C?

A. Full
B. 2-way
C. Attempt
D. Down

Correct Answer: B
Section:

QUESTION 5
In the network shown in the figure below, switch A and router A are connected by two links, and the two links are aggregated in manual load sharing mode. The aggregated port number is 1, and the aggregated link performs data forwarding It needs to carry VLAN TAG100, and switch A uses trunk link. Which of the following configurations should be used for switch A? ()
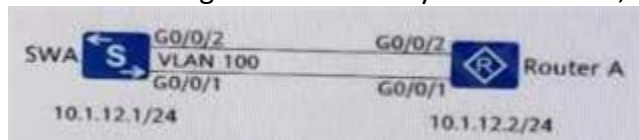
A.

    interface Eth-Trunk 1
    Port link-type trunk
    Port trunk allow-pass vlan 100#
    Interface GigabitEthernet0/0/1Eth-trunk 1
    #
    Interface GigabitEthernet0/0/2Eth-trunk 1
    #

B.

    interface Vlanif 100
    Ip address10.0.12.1255.255.255.0
    #

C.

    interface Eth-Trunk 1
    Ip address10.0.12.1255.255.255.0#

D.

    interface Eth-Trunk 1
    Mode lacp-static
    Port link-type trunk
    Port trunk allow-pass vlan 100#
    Interface GigabitEthernet0/0/1Eth-trunk 1
    #
    Interface GigabitEthernet0/0/2Eth-trunk 1
    #

Correct Answer: D
Section:

QUESTION 6
The output information of the STP port of a certain switch is shown in the figure. Which of the following statements is wrong? () (Single-choice question)
[Huawei]display stp interface Ethernet 0/0/1
-------[CIST Global Info][Mode STP]-------
CIST Bridge: 32768.4c1f-cc46-4618
Config TimesHello 4s MaxAge 20s FwDly 15s MaxHop 20
Active Times:Hello 2s MaxAge 20s FwDly 15s MaxHop 20
CIST Root/ERPC:0.4c1f-ccf7-3214/200000
CIST RegRoot/IRPC: 32768.4c1f-cc46-4d18/0

A. Forward-delay is 20s

B. Configure the MaxAge of the BPDU to 20s

C. The period for sending configuration BPDUs on this port is 2s

D. The switch is not a root bridge

Correct Answer: A
Section:

QUESTION 7
Telnet is a module that implements the Telnet protocol that comes with Python ()

A. True

B. False

Correct Answer: A
Section:

QUESTION 8
Using the command mkdirtest in the VRP operating platform, the system will create a directory named test. ()

A. True

B. False

Correct Answer: A
Section:

QUESTION 9
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? ()

B. MAC-C. 11.0.12.1

C. MAC-D. 10.0.12.2

D. MAC-D. 11.0.12.1

E. MAC-B. 11.0.12.1

Correct Answer: C
Section:

QUESTION 10
There are multiple route entries to the same destination network in the routing table. These routes are called? ()

A. Suboptimal routing

B. Multipath routing

C. Default route

D. Equal cost routing

Correct Answer: D
Section:

QUESTION 11
The broadcast address is a special address in which the host bits in the network address are all set to 1, and it can also be used as a host address. ()

A. True

B. False

Correct Answer: B
Section:

QUESTION 12

Which of the following cannot be the length of the IPv4 packet header? ()

A. 32B

B. 60B

C. 20B

D. 64B

Correct Answer: D
Section:

QUESTION 13

What is the priority value of the direct route entry? ()
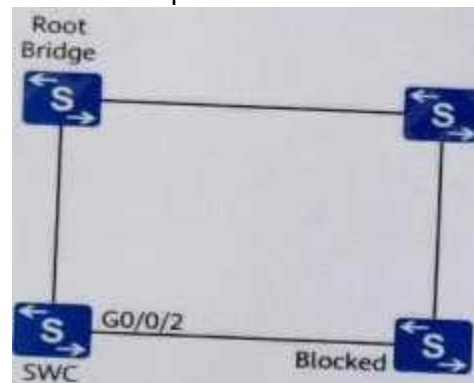
A. 0

B. 30

C. 10

D. 20

Correct Answer: A
Section:

QUESTION 14

As shown in the figure. All four switches are running P. Various parameters are set to default values. If the GO/0/2 port of switch C is blocked and cannot send configuration BPDUs through this port, how long will it take for the blocked port in the network to enter the forwarding state? () (Single-choice question)

A. About 30 seconds

B. About 50 seconds

C. About 15 seconds

D. About 3 seconds

Correct Answer: B
Section:

QUESTION 15

Complete the ACL configuration shown in the figure on the router RTA. Which of the following descriptions is correct? () (Single-choice question)
(RTA) acl 2001
(RTA-acl-basic-2001) rule 20 permit source 20.1.1.0 0.0.0.255

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

A. The VRP system will adjust the sequence number of the first rule to 5 according to the configuration sequence.

B. The VRP system will not adjust the sequence number, but will first match the rule permit source 20.1.1.00.0.0.255

C. The VRP system will first match the rule deny source20.1.1.00.0.0.255 according to the sequence number.

D. The sequence number of configuration error rules must be configured from small to large

Correct Answer: C
Section:

QUESTION 16
In the network shown in the figure below, the host has an ARP cache, and host A sends a packet to host B. What are the destination MAC and destination IP of this packet? () (Single-choice question)

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

Correct Answer: A
Section:

QUESTION 17
As shown in the figure, if the command ping 10.1.1.2 is executed on R1, the data frame of VLAN 10 received from LSW2 by LSW1 is tagged. ()(True or False)

A. True
B. False

Correct Answer: A
Section:

QUESTION 18
As shown in the figure, there are three data packets captured by the administrator on the network.
Which of the following statements is incorrect? (Single choice question) Source destination protocol info 10.0.12.110.0.12.2TCp50190>telnet[SYN]seq=0win=8192Len=0mss=146010.0.12.2 10.0.12.1 TCP telnet:50190
[SYN,ACK]seg-0 Ack-1 win-8192 Len-0mss=1460 10.0.12.110.0.12.2 TCP50190>telnet(ACK)seq-1Ack=1win=81921en=0

A. None of these three data packets contain application layer data

B. These three data packets represent the three-way handshake process of TCP

C. The telnet client uses port 50190 to establish a connection with the server

D. The IP address of the telnet server is 10.0.12.1. The IP address of the telnet client is 10.0.12.2

Correct Answer: D
Section:

QUESTION 19
As shown in the figure below. Host A and Host B cannot communicate. ()(True or False)
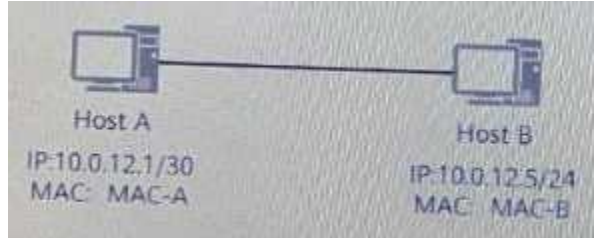
A. True

B. False

Correct Answer: B
Section:

QUESTION 20
As shown in the figure, when the switch needs to forward frames with the destination mac address of 5489-98ec-f011, which of the following descriptions is correct? () (Single-choice question)

A. The switch will send a message that the destination is unreachable to the source device

B. The switch did not find a matching entry in the mac address table. So the frame will be discarded

C. The switch needs to send a request to discover the device with the mac address of 5489-98ec-f011

D. The switch will be All ports outside flood the frame

Correct Answer: D
Section:

QUESTION 21
The mac address of the existing switch is shown in the figure. Which of the following statements is correct ()? (Multiple Choice Questions)

A. When the switch restarts, the mac address learned by port Eth0/0/2 does not need to be relearned

B. The data frame with the source mac address of 5489-9885-18a8 and the destination mac address of 5489-989d-1d30 learned from the port is forwarded from the Eth0/0/1 port

C. The source mac address learned from the port is 5489-9811-0b49. The data frame with the destination mac address 5489-989d-1d30 is forwarded from the Eth0/0/2 port

D. When the switch restarts, the mac address learned by port Eth0/0/3 needs to be re-learned

Correct Answer: B
Section:

QUESTION 22
The network administrator configures the RTA on the Huawei router as shown in the figure. If a user needs to be authenticated in the authentication domain "huawei", which of the following descriptions is correct? () (Single-choice question)
(RTA) aaa
(RTA-aaa) domain huawei
(RTA-aaa-doaain huavei) authentication -schene au1
(RTA-aaa-dogairhuavel) authenticIcation-scheme au2

A. Will use "authentication-scheme aul" authentication

B. "Authentication-scheme aul authentication will be used. If "au1 is deleted."au2 authentication will be used

C. "Authentication-scheme au2 authentication will be used. If "au2" is deleted, "aul authentication will be used

D. Will use "authentication-scheme au2" authentication

Correct Answer: C
Section:

QUESTION 23
The output information of the router is shown in the figure. Which of the following statements is wrong? () (Single-choice question)

A. The broadcast address corresponding to the AEthernet0/0/0 interface is 10.0.12.255
B. The physical link of the Ethernet0/0/0 interface is normal
C. Ethernet0/0/0 interfaceThe MTU value is 1480
D. Ethernet (The IP address of the /0/0 interface is 10.0.12.1/24

Correct Answer: C
Section:

QUESTION 24
The following figure shows the routing table of a router. When the router receives a destinationIWhen the P address is a data packet of 9.1.1.1,The router will forward according to the route of 9.1.0.0/16 because the mask length of this route is longer. ()(True or False)


```
<Huawei>display ip routing-table
Route Flags: R  relay, D - download to fib

Routing Tables: Public   Destinations : 2   Routes : 2
Destination/Mask    Proto    Pre   Cost   Flags   NextHop     Interface
0.0.0.0/0           Static   60    0       D      120.0.0.2   Serial1/0/0
8.0.0.0/8           RIP      100   3       D      120.0.0.2   Serial1/0/0
9.0.0.0/8           OSPF     10    50      D      20.0.0.2    Ethernet2/0/0
9.1.0.0/16          RIP      100   4       D      120.0.0.2   Serial1/0/0
11.0.0.0/8          Static   60    0       D      120.0.0.2   Serial2/0/0
20.0.0.0/8          Direct   0     0       D      20.0.0.1    Ethernet2/0/0
20.0.0.1/32         Direct   0     0       D      127.0.0.1   Loopback0
```

A. True
B. False

Correct Answer: A
Section:

QUESTION 25
What is wrong about the description of the information as shown in the figure? () (Single-choice question)
(RI) display interface g0/0/0
GlgabltEtherneto/0/0 current state :Adainistratively DOWN Line protocol current state :DOWN

A. GigbitEthernet (/0/0 interface is connected to a wrong cable
B. The GigbitEthernet0/0/0 interface is not configured with an IP address
C. The GigbitEthernet0/0/0 interface was manually closed by the administrator
D. GigbitEthernet (0/0/0 interface does not enable dynamic routing protocol

Correct Answer: C
Section:

QUESTION 26
In the figure below, all switches have enabled the STP protocol, assuming that the path cost value of all ports is 200. What is the root path cost value contained in the configuration BPDU message received by the G0/0/4 port of $WD? () (Single-choice question)
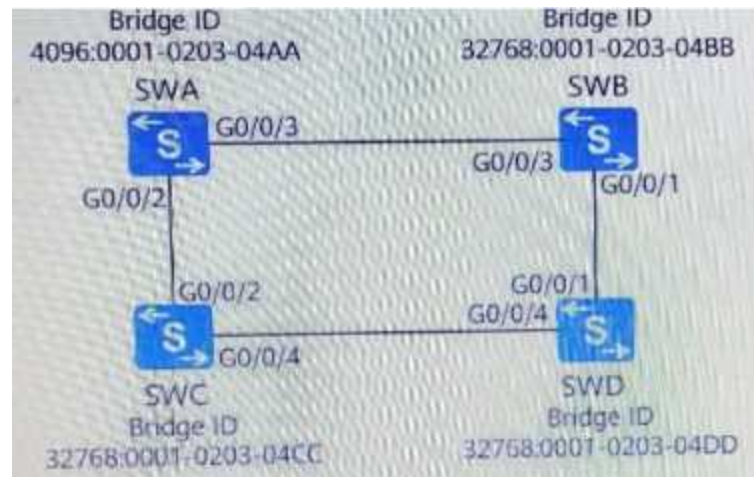
A. 600

B. 200

C. 0

D. 400

Correct Answer: D
Section:

QUESTION 27
The information shown in the figure is the port status information displayed on a switch running STP. According to this information, what is wrong in the following description? () (Single-choice question)

MSTID	Port	Role	STP State	Protection
0	GigabitEthernet0/0/1	DESI	FORWARDING	NONE
0	GigabitEthernet0/0/2	DESI	FORWARDING	NONE
0	GigabitEthernet0/0/13	DESI	FORWARDING	NONE
0	GigabitEthernet0/0/21	DESI	FORWARDING	NONE
0	GigabitEthernet0/0/22	DESI	FORWARDING	NONE
0	GigabitEthernet0/0/23	DESI	FORWARDING	NONE

A. This switch is the root switch in the network

B. The priority of this switch is 0

C. This network may only contain this switch

D. This switch may be connected to 6 other switches

Correct Answer: B
Section:

QUESTION 28
As shown in the figure, the switch runs STP with default parameters. Which of the following ports will be elected as the designated port? () (Single-choice question)
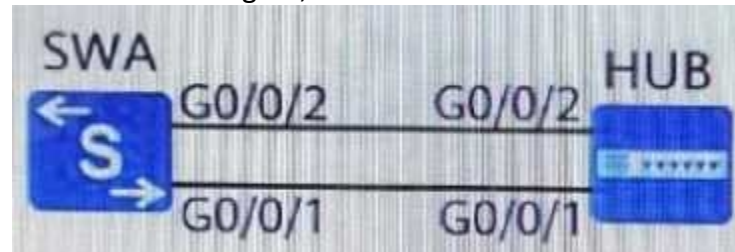
A. Port G0/0/1 of switch A

B. HUB's G0/0/1 port

C. HUB's G0/0/2 port

D. Port G0/0/2 of switch A

Correct Answer: A
Section:

QUESTION 29
As shown in the figure below, all hosts can communicate normally. Is the correspondence between the MAC address and the port in the MAC address table of SWB correct? () (Single-choice question)

A. MAC-A GO/0/1
    MAC-B GO/0/2
    MAC-C GO/0/3

B. MAC-A GO/0/2
    MAC-B G0/0/2
    MAC-C GO/0/3

C. MAC-A GO/0/3
    MAC-B GO/0/3
    MAC-C GO/0/1

D. MAC-A GO/0/1
    MAC-B GO/0/1
    MAC-C GO/0/3

Correct Answer: C
Section:

QUESTION 30
The priority of the LACP protocol is shown in the figure. Switch A and Switch B adopt LACP mode link aggregation, and all interfaces are added to the link aggregation group. At the same time, set the maximum number of active ports to 3. Then which port of switch A is not an active port ? () (Singlechoice question)
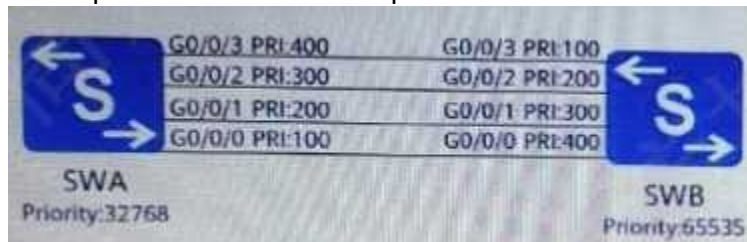
A. G0/0/0

B. G0/0/1

C. G0/0/2

D. G0/0/3

Correct Answer: D
Section:

QUESTION 31
The administrator has configured the router as shown in the figure. Then a host connected to the G1/0/0 interface of the router. What kind of IP address can be obtained through DHCP? () (Singlechoice question)


```
[Router] ip pool pool1
[Router-ip-pool-pool1] network 10.10.10.0 mask 255.255.255.0
[Router-ip-pool-pool1] gateway-list 10.10.10.1
[Router-ip-pool-pool1] quit
[Router] ip pool pool2
[Router-ip-pool-pool2] network 10.20.20.0 mask 255.255.255.0
[Router-ip-pool-pool2] gateway-list 10.20.20.1
[Router-ip-pool-pool2] quit
[Router] interface gigabitethernet 1/0/0
[Router-GigabitEthernet1/0/0] ip address 10.10.10.1 24
[Router-GigabitEthernet1/0/0] dhcp select global
```

A. The IP address obtained by the host belongs to the 10.10.10.0/24 network

B. The IP address obtained by the host belongs to the 10.20.20.0/24 network

C. The IP address obtained by the host may belong to the 10.10.10.0/24 network, or it may belong to the 10.20.20.0/24 network

D. The host cannot get an address

Correct Answer: A
Section:

QUESTION 32
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. This data packet is forwarded by the router. What are the destination mc and destination IP?
() (Single-choice question)
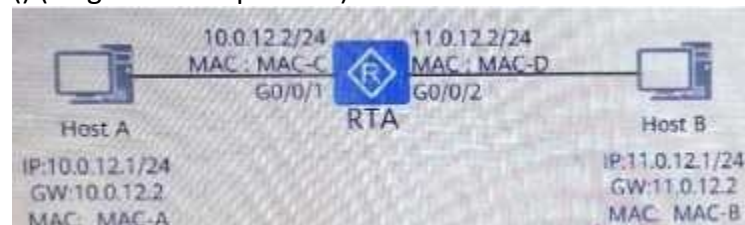
A. MAC-D10.0.12.2

B. MAC-D11.0.12.1

C. MAC-C11.0.12.1

D. MAC-B11.0.12.1

Correct Answer: D
Section:

QUESTION 33
The network shown in the figure below. All routers run OSPF. The link cost value is shown in the figure. What is the cost value of the route entry to the network 10.0.0.0/8 in the RTA routing table? () (Single-choice question)
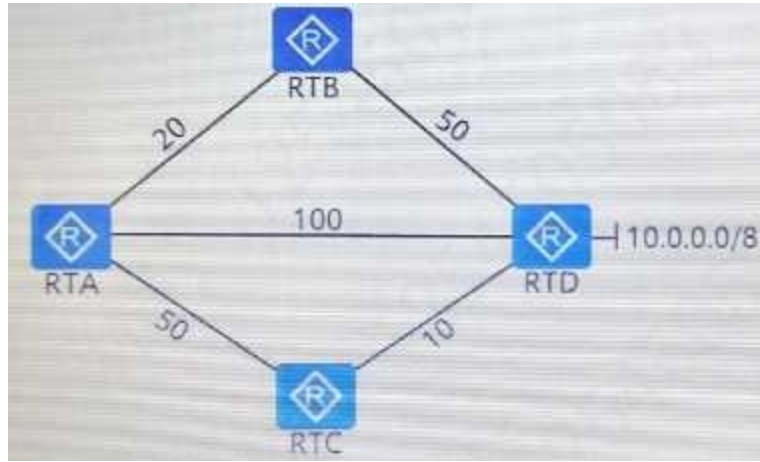
A. 100

B. 70

C. 20

D. 60

Correct Answer: D
Section:

QUESTION 34
As shown in the figure below, which of the following statements is correct? () (Single-choice question)

A. Host A can ping host B

B. Only if the masks of host A and host B are set to be the same, host A and host B can communicate

C. The IP address mask b of host A and host B are different. Therefore, host A and host B cannot communicate

D. The broadcast address of host A and host B are the same

Correct Answer: A
Section:

QUESTION 35
As shown in the figure below. Which port of the following switches will be blocked? () (Single-choice question)
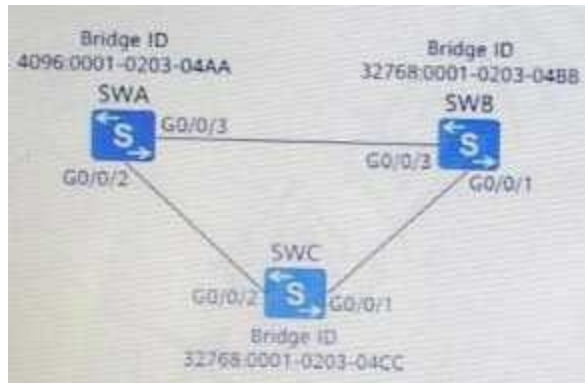
A. SWC's G0/0/2

B. SWA's G0/0/3

C. SWC's G0/0/1

D. G0/0/3 of SWB

Correct Answer: C
Section:

QUESTION 36
Refer to the configuration of the single-arm routing in the figure below, you can judge that even if the ARP proxy is not enabled on the sub-interface of R1,The administrative department and the financial department can also visit each other. ()(True or False)

A. True

B. False

Correct Answer: B
Section:

QUESTION 37
The configuration information of a certain port of the switch is shown in the figure. What is the PVID of this port? () (Single-choice question)

```
#
interface GigabitEthernet0/0/1
 port hybrid tagged vlan 2 to 3 100
 port hybrid untagged vlan 4 6
#
```

A. 100

B. 2

C. 4

D. 1

Correct Answer: D
Section:

QUESTION 38
As shown in the figure, the network administrator creates VLAN2 on SWA and SWB. The ports connecting the hosts on the two switches are configured as Access ports. They are assigned to VLAN2. G0/0/1 of SWA and G0/0/2 of SWB are configured as Trunki ports. All VLANs are allowed to pass. What is needed to achieve normal communication between two hosts? () (Single-choice question)
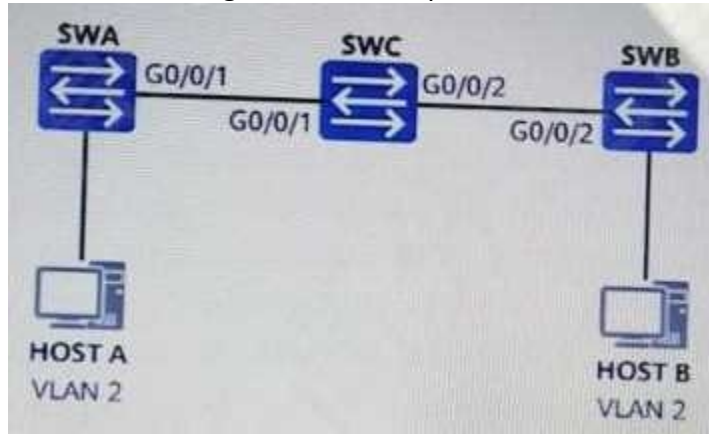
A. Configure G0/0/1 on SWC as a trunk port and allow VLAN2 to pass. Set G0/0/2 as an access port. PVID is 2.

B. Create VLAN2 on SWC, configure G0/0/1 and G0/0/2 as trunk ports, and allow VLAN2 to pass

C. Just create BLAN2 on SWC

D. Configure G0/0/1 on SWC as a teunk port and allow VLAN2 to pass through

Correct Answer: B
Section:

QUESTION 39
As shown in the figure, a static NAT command is deployed on router R1. When the PC accesses the Internet, the destination address in the data packet will not change. ()(True or False)

A. True

B. False

Correct Answer: A
Section:

QUESTION 40
The ACL configuration information of a certain router is shown in the figure. Which of the following statements is correct? () (Single-choice question)

A. The packet whose source IP address is 192.168.1.254 is matched by the permit rule

B. Packets with source IP addresses of 192.168.1.1 and 192.168.1.254 are matched by the permit rule

C. The packet with the source IP address of 192.168.1.1 is matched by the pemit rule

D. The packet with the source IP address 192.168.1.1 is matched by the deny rule

Correct Answer: C
Section:

QUESTION 41
The administrator made the configuration on the router as shown in the figure. At the same time, the administrator wants to assign a shorter lease period to the DHCP address. Which of the following commands should be used? () (Single-choice question) ip pool pooll netyork10.10.10.0ask255.255.255.0 gateway-list 10.10.10.1

A. Lease 0

B. Dhcp select relay

C. Lease day 0 hour 10

D. Lease 24

Correct Answer: C
Section:

QUESTION 42
The network is shown in the figure. Which router is the BDR in this network? () (Single-choice question)
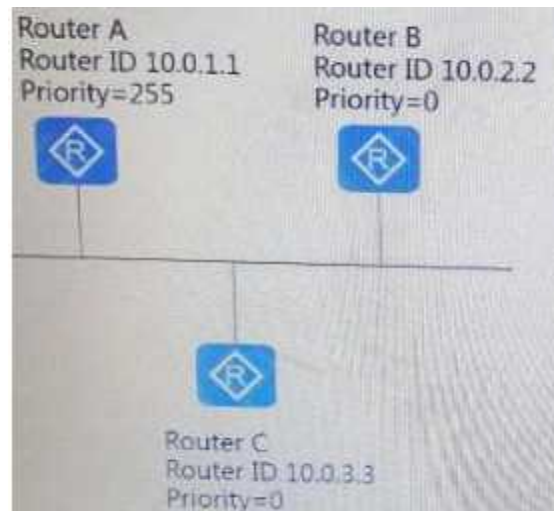
A. Router B

B. No BDR

C. Router C

D. Router A

Correct Answer: B
Section:

QUESTION 43
As shown in the figure below, in the MAC address table of the network. SWA and SWB, which of the MAC addresses, VLANs, and ports are correct? () (Single-choice question)
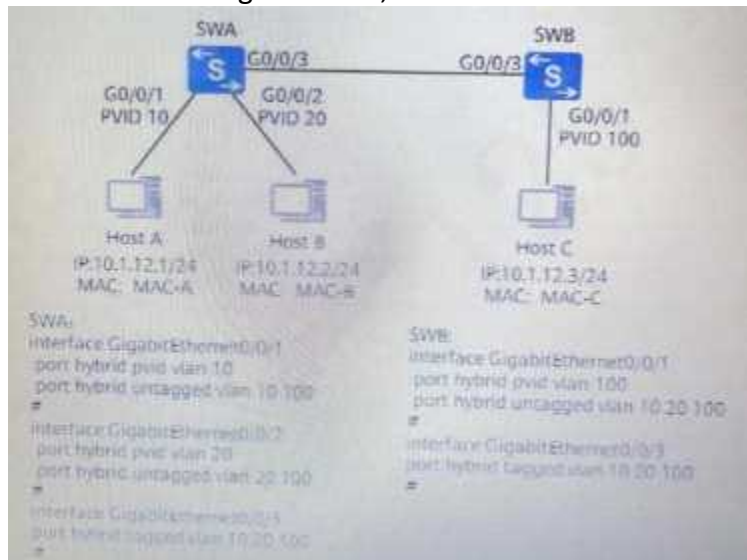
A. SWB:
   MAC Address VLAN
   Port
   MAC-A
   MAC-B
   MAC-C
   100
   200
   100
   GEC/0/3

GEC/0/3
GEC/0/1
B. SWA:
MAC Address
VLAN
Port
MAC-A
MAC-B
MAC-C
10
GEC/O/1
GEC/0/2
GEC/0/3
20
100
C. SWB:
MAC Address VLAN
Port
MAC-A
MAC-B
MAC-C
10
GEC/0/3
GEC/0/3
GEC/0/1
20
100
D. SWA:
MAC
Address VLAN
Port
MAC-A
MAC-B
MAC-C
10
GEC/0/3
20
GEC/0/3
GEC/0/3
100

Correct Answer: C
Section:

QUESTION 44
The switch G0/0/1 port configuration information is shown in the figure. Which VLAN data frame does the switch forward without VLANTAG? ? () (Single-choice question)

```
#
interface GigabitEthernet0/0/1
 port link-type trunk
 port trunk pvid vlan 10
 port trunk allow-pass vlan 10 20 30 40
#
```

A. 10

B. 30

C. 20

D. 40

Correct Answer: A
Section:

QUESTION 45
As shown in the figure, the G0/0/0 and G0/0/1 interfaces of RTA are connected to two different network segments. RTA is the gateway of these two networks. Before host A sends data to host C, will it send an ARP Request to obtain O's MAC address? () (Single-choice question)

A. SW

B. Host C

C. G0/0/1 interface of RTA

D. G0/0/0 interface of RTA

Correct Answer: D
Section:

QUESTION 46
The two switches shown in the figure below have both enabled the STP protocol. Which port will eventually be in the Blocking state? ()
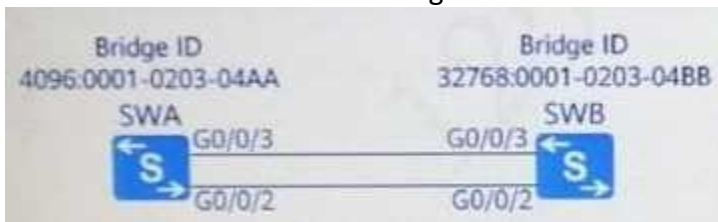
A. SWA's G0/0/3 port

B. SWA's G0/0/2 port

C. G0/0/2 port of SWB

D. G0/0/3 port of SWB

Correct Answer: D
Section:

QUESTION 47
In the network as shown in the figure below, host A logs in to router A through Telnet. Then obtains the configuration file of router B through FTP on the remote interface. At this time, how many TCP connections does router A have? () (Single-choice question)
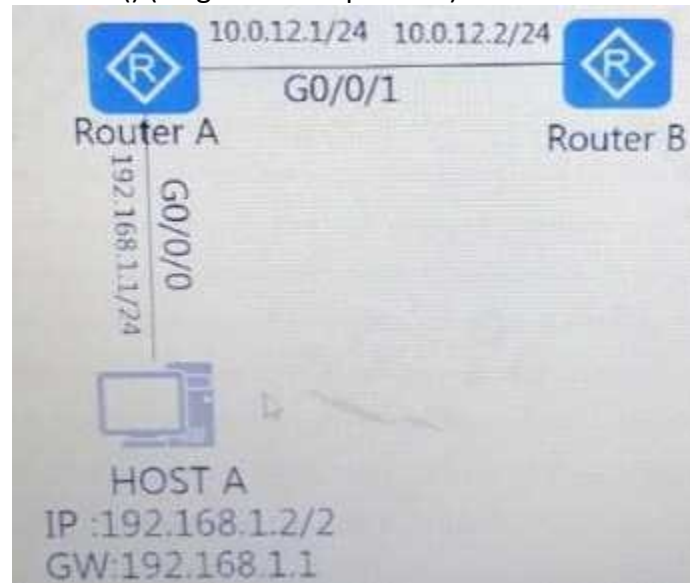
A. 4
B. 1
C. 3
D. 2

Correct Answer: C
Section:

QUESTION 48
As shown in the picture. About OSPF topology and configuration. Which of the following statements is correct? () (Single-choice question)

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

A. R1 and R2 can establish a stable OSPF neighbor relationship

B. R1 is more likely to become DR than R2, because its interface DR priority value is smaller

C. As long as the interface network type of R1 is restored to the default broadcast type, R1 and R2 can establish a stable neighbor relationship

D. As long as the interface network type of R1 is restored to the default broadcast type, and the hello time is adjusted to 10s, R1 and R2 can establish a stable neighbor relationship

Correct Answer: D
Section:

QUESTION 49
As shown in the figure, two switches use the default parameters to run STP root primary; Switch B uses the configuration command STP priority 0. Then which port will be blocked? () (Single-choice question)
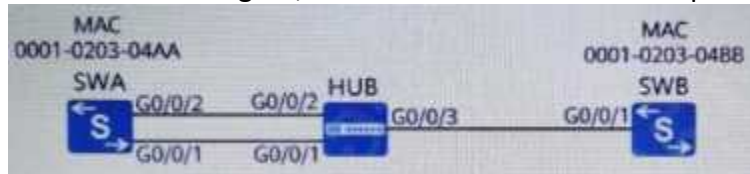
A. G0/0/3 of HUB

B. G0/0/2 of switch A

C. G0/0/1 of switch A

D. G0/0/1 of switch B

Correct Answer: B
Section:

QUESTION 50
As shown in the figure below. All hosts can communicate normally. Is the corresponding relationship between SWA MAC address and port correct? () (Single-choice question)

A. MAC-A GO/0/1
   MAC-B G0/0/2
   MAC-C G0/0/1

B. MAC-A G0/0/2
   MAC-B GO/0/2
   MAC-C GO/0/3

C. MAC-A GO/0/1
   MAC-B GO/0/1
   MAC-C GO/0/3

D. MAC-A GO/0/1
   MAC-B GO/0/2
   MAC-C GO/0/3

Correct Answer: D
Section:

QUESTION 51
The configuration information of a certain port of the switch is shown in the figure. Which of the following statements is wrong? () (Single-choice question)

A. The port type is Hybrid

B. If the VLAN TAG carried in the data frame is 200, the switch will strip off the VLAN TAG and send it out

C. If the port receives a data frame without VLAN TAG, the switch needs to add VLAN TAG100

D. If the VLAN TAG carried in the data frame is 100, the switch will strip off the VLAN TAG and send it out

Correct Answer: D
Section:

QUESTION 52
The MAC address table of a certain switch is shown in the figure. If the switch receives a data frame with a destination MAC of 5489-9811-0b49 from port Eth0/0/2, which of the following statements is correct? ()

A. Forward this data frame from the Eth0/0/2 port

B. Discard this data frame

C. Forward this data frame from the Eth0/0/3 port

D. Flood out this data frame

Correct Answer: C
Section:

QUESTION 53
The network shown in the figure below. The network where host A is required to access the Internet through Easy IP, then which of the following ACLs should be used on the G0/0/3 interface of router A? () (Single-choice question)
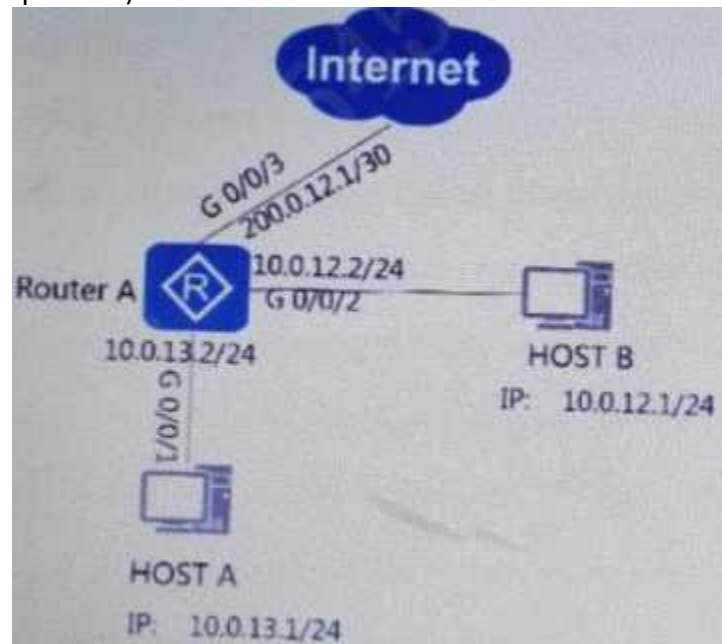
A. acl number 2000 Rule 5 permit source 10.0.12.0.0.0.0.255#

B. acl number 2000 Rule 5 permit source 10.0.13.0.0.0.0.255#

C. acl number 2000 Rule 5 permit source 10.0.12.1.0.0.0.0#

D. acl number 2000 Rule 5 permit source 10.0.13.1.0.0.0.0

Correct Answer: B
Section:

QUESTION 54
As shown in the figure below, what kind of network equipment can host A and host B use to communicate? () (Single-choice question)
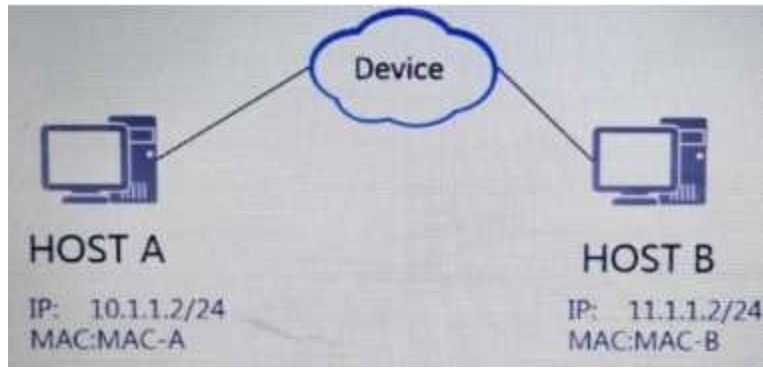
A. Layer 2 switch

B. Hub

C. router

D. HUB

Correct Answer: C
Section:

QUESTION 55
The network shown in the figure below assumes that all routers can enable OSPF at the same time. Which router is the DR in this network? () (Single-choice question)
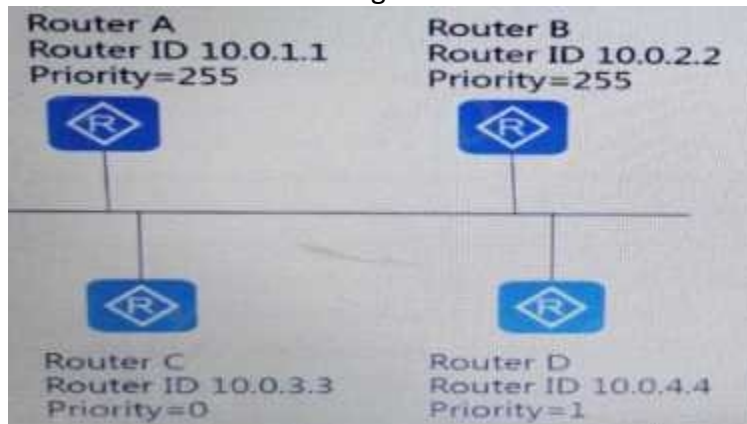
A. Router B

B. Router D

C. Router A

D. Router C

Correct Answer: A
Section:

QUESTION 56
As shown in the figure, host A and host B want to implement inter-VLAN communication through single-arm routing. What configuration should be done under the G0/0/1.1 interface of RTA?()(Single-choice question)
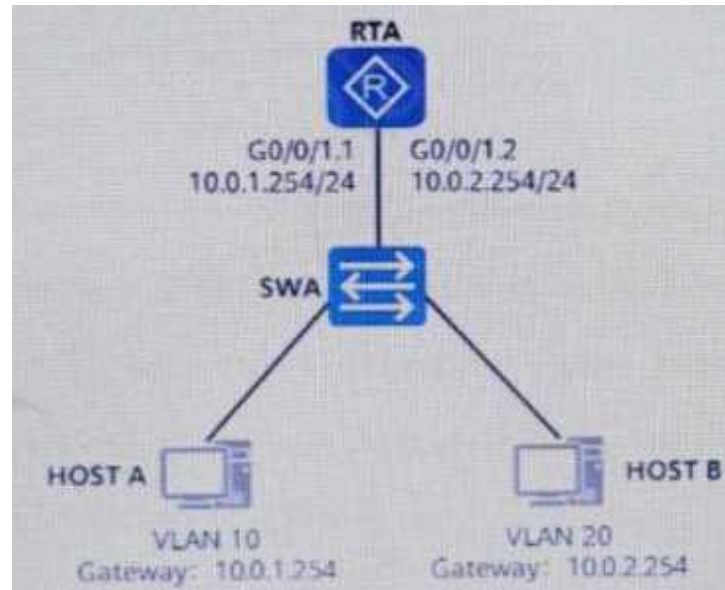
A. dotlg termination vid 1

B. dotlq termination vid 10

C. dotlq termination vid 20

D. dotlq termination vid 30

Correct Answer: B
Section:

QUESTION 57
As shown in the figure, the administrator hopes that all hosts cannot access the Internet from 8:00 to 17:00 every day. Which ACL rule needs to be bound to traffic-filter outbound in the interface configuration of G0/0/1? ()
(Single-choice question)
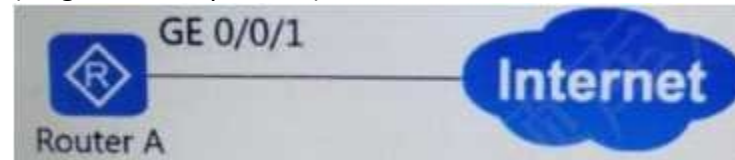
A. time-range am9 to pm5 08:00 to 17:00 working-day # Ac1 number 2003 Rule 5 deny time-range am9 to pm560 H12-811HCIA-Datacom655 new question bank#

B. time-range am9 to pm5 08:00 to 17:00 daily # Acl number 2001 Rule 5 deny time-range am9 to pm5 #

C. time-range am9 to pm5 07:00 to 18:00 daily # Acl number 2002 Rule 5 permit time-range am9 to pm5 #

D. time-range am9 to pm5 08:00 to 17:00 off-day # Acl number 2004 Rule 5 permit time-range am9 to pm5

Correct Answer: B
Section:

QUESTION 58
Regarding the configuration shown in the figure, which statement is correct? () (Single-choice question)

A. history-command max-size20 is to adjust the size of the history named cache to 20

B. The default size of the history command cache is 5 bytes

C. After the above configuration is completed, the history command buffer can store 20 bytes of commands
D. The default size of the history command cache is 5

Correct Answer: A
Section:

QUESTION 59
The transport layer protocol has UDP and TCP, but UDP is more reliable than TCP

A. True
B. False

Correct Answer: B
Section:

QUESTION 60
UDP has a sliding window mechanism to control the speed of data transmission

A. True
B. False

Correct Answer: B
Section:

QUESTION 61
DNS is used for domain name resolution

A. True
B. False

Correct Answer: A
Section:

QUESTION 62
During data access, when accessing different network segments, the destination MAC. Encapsulate the MAC address of the gateway on the source host

A. True
B. False

Correct Answer: A
Section:

QUESTION 63
ARP request is sent by ()

A. broadcast
B. Unicast
C. There are broadcast and unicast

D. Multicast

Correct Answer: A
Section:

QUESTION 64
When accessing across network segments, the source and destination IP will change, and the source and destination MAC will not change

A. True
B. False

Correct Answer: B
Section:

QUESTION 65
Which layer of protocol does ARP belong to

A. data link layer
B. Network layer
C. Physical layer
D. Transport layer

Correct Answer: A
Section:

QUESTION 66
The router forwards data according to the IP routing table, and the Layer 2 switch forwards data according to the MAC. address table

A. True
B. False

Correct Answer: A
Section:

QUESTION 67
Layer 3 devices like routers receive data frames based on () Forwarding data frames.

A. ARP table
B. MAC. address table
C. Routing table

Correct Answer: C
Section:

QUESTION 68
As shown in the figure, you only need to configure this static route on R1, and the two hosts can communicate with each other normally.

IP route-static 192.168.3.0 24 192.168.2.2

A. True

B. False

Correct Answer: B
Section:

QUESTION 69
The priority of OSPF routing protocol is ()

A. 0

B. 10

C. 60

D. 100

Correct Answer: B
Section:

QUESTION 70
The role of the OSPF protocol is

A. Pass routing information

B. Transmit MAC information

C. Pass ARP information

D. No effect

Correct Answer: A
Section:

QUESTION 71
UDP is connectionless and must rely on () to ensure the reliability of transmission.

A. Internet Protocol

B. Transmission Control Protocol

C. Network layer protocol

D. Application layer protocol

Correct Answer: C
Section:

QUESTION 72
Use the command kdir test in the VRP operating platform. The system will create a directory named test.

A. True
B. False

Correct Answer: A
Section:

QUESTION 73
Since the TCP protocol uses a three-way handshake mechanism when establishing a connection and closing a connection, TCP supports reliable transmission.

A. True
B. False

Correct Answer: B
Section:

QUESTION 74
VRP operating system commands are divided into four levels: access level, monitoring level, configuration level, and management level. Which level can run various business configurations and set commands but cannot operate the file system?

A. Configuration level
B. Access level
C. Management level
D. Monitoring level

Correct Answer: A
Section:

QUESTION 75
UDP cannot guarantee the reliability of data transmission, and does not provide functions such as message sequencing and flow control. It is suitable for flows that do not require high transmission reliability, but require high transmission speed and delay ().

A. True
B. False

Correct Answer: A
Section:

QUESTION 76
UDP cannot guarantee the reliability of data transmission, and does not provide functions such as message sequencing and flow control. It is suitable for flows that do not require high transmission reliability, but require high transmission speed and delay ().

A. True
B. False

Correct Answer: A

Section:

QUESTION 77
What kind of packets does the OSPF protocol use to discover and maintain neighbor relationships? ()

A. LSR
B. HELLO
C. LSU
D. DD

Correct Answer: B
Section:

QUESTION 78
VRP operating system commands are divided into four levels: access level, monitoring level, configuration level, and management level. Which level can run various business configuration commands but cannot operate the file system? ()

A. Configuration level
B. Monitoring level
C. Access level
D. Management level

Correct Answer: A
Section:

QUESTION 79
Using a traditional landline to make a call is a way of network communication. ()

A. True
B. False

Correct Answer: A
Section:

QUESTION 80
In the VRP interface, use the command delete vrpcfg.zip to delete a file. The file must be emptied in the recycle bin to completely delete the file. ()

A. True
B. False

Correct Answer: B
Section:

QUESTION 81
In what state does the OSPF protocol determine the master-slave relationship of DD. packets? ()

A. ExStart

B. Full

C. 2-way

D. Exchange

Correct Answer: C
Section:

QUESTION 82
The following two configuration commands can realize the router RTA.
The main and backup backup routes to the same destination 10.1.1.0: () (RTA)ip route--statiC. 10.1.1.02412.1.1.1 permanent(RTA)ip route--statiC. 10.2.2.02413.1.1.1.

A. True

B. False

Correct Answer: B
Section:

QUESTION 83
In the network shown in the figure below, the bridge ID of the switch has been marked. Enter the command stp rootsecondary on the sWD. switch and the following switch will become the root bridge of this network. ()

A. SWC

B. SWA

C. SWB

D. SWD

Correct Answer: B
Section:

QUESTION 84
If the Length of an Ethernet data frame/Type = 0x8100, which of the following statements is correct?
()

A. There must be an IP header in the upper layer of this data frame

B. This data frame must carry VLAN TAG

C. There must be a UDP header in the upper layer of this data frame

D. There must be a TCP header in the upper layer of this data frame

Correct Answer: B
Section:

QUESTION 85
FAT AP can independently complete wireless user access, wireless user authentication, and business data forwarding without AC. ()

A. True
B. False

Correct Answer: A
Section:

QUESTION 86
In the WLAN network architecture, terminal devices that support the 802.11 standard are called? ()

A. Client
B. AC
C. STA
D. AP

Correct Answer: C
Section:

QUESTION 87
The following statement about static routing is wrong ()

A. Cannot automatically adapt to changes in network topology
B. Manual configuration by network administrator
C. Low system performance requirements
D. Routers need to exchange routing information

Correct Answer: D
Section:

QUESTION 88
Which of the following IPv4 addresses can be used by a host to directly access the Internet? ()

A. 192.168.1.1/24
B. 172.32.1.1/24
C. 172.16.255.254/24
D. 10.255.255.254/24

Correct Answer: D
Section:

QUESTION 89
The switch becomes a logical switch after stacking and clustering, and Eth-Trunk across physical devices can be deployed to improve network reliability. ()

A. True
B. False

Correct Answer: A
Section:

QUESTION 90
What is the value of TPID. defined by IEEE802.1Q? ()

A. 0x8200
B. 0x7200
C. 0x8100
D. 0x9100

Correct Answer: C
Section:

QUESTION 91
When the Access type port sends a message, it will ().

A. Strip the VLAN information of the high packet, and then send it out
B. Type the PVID. information of this port, and then send it out
C. Send tagged messages
D. Add the VLAN information of the message, and then send it out

Correct Answer: A
Section:

QUESTION 92
The management of users by NAS devices is based on domains. Each user belongs to a domain, and a domain is a group composed of users belonging to the same domain. ()

A. True
B. False

Correct Answer: A
Section:

QUESTION 93
Which of the following statements about Prefix Segment is wrong? ()

A. Prefix Segment can be automatically allocated by IGP
B. Prefix Segmont needs to be configured manually
C. Prefix Segment spreads to other network elements through the IGP protocol, which is globally visible and effective
D. Prefix Segment is used to identify a destination address prefix in the network (Prefix)

Correct Answer: B
Section:

QUESTION 94
What is correct about the SNMP protocol? ()

A. SNMP protocol uses multicast to send management messages
B. The SNMP protocol only supports sending management messages on the Ethernet link
C. SNMP uses ICMP as the network layer protocol
D. SNMP uses UDP as the transport layer protocol

Correct Answer: D
Section:

QUESTION 95
The IPv6 address 2001: ABEF:2240E:FFE2:BCC0:CD0:DDBE:8D58 cannot be abbreviated. ()

A. True
B. False

Correct Answer: A
Section:

QUESTION 96
Which state does the 0SPF protocol use to indicate that the adjacency relationship has been established? ()

A. Full
B. 2-way
C. Attempt
D. Down

Correct Answer: A
Section:

QUESTION 97
The tracert diagnostic tool in Huawei routers is used to track the data forwarding path. ()

A. True
B. False

Correct Answer: A
Section:

QUESTION 98
In a broad sense, the transmission medium that constitutes the wireless local area network wlan does not include? ()

A. Rays
B. Radio wave
C. infrared
D. laser

Correct Answer: A

QUESTION 99
Which field of the ipv6 packet header can be used for QoS? ()

A. TraffiC. Class

B. PayloaD. Length

C. Version

D. Next Header

Correct Answer: A
Section:

QUESTION 100
After the network administrator uses the TracertRoute function on the router device, in the data packet sent by the router, the value of the Protoco1 field in the IPv4 header is? ()

A. 17

B. 2

C. 6

D. 1

Correct Answer: D
Section:

QUESTION 101
The switch is connected to the host. What is the common port link type of the switch? ()

A. Access link

B. Trunk link

C. Trunk link

D. HybriD. link

Correct Answer: A
Section:

QUESTION 102
When using the FTP protocol to upgrade the router software, the transmission mode should be selected ()

A. Binary mode

B. Byte mode

C. Text mode

D. Stream byte mode

Correct Answer: A
Section:

QUESTION 103

The network structure and 0$PF partition are shown in the figure. In the figure, except for RTA. , the routers RTB. RTC. and RTD. are ABR routers. () (RTA) ip route-statiC. 10.1.1.02412.1.1.1 permanent (RTA) ip route-statiC. 10.2.2.02413.1.1.1.

A. True
B. False

Correct Answer: B
Section:

QUESTION 104
The network administrator hopes to be able to effectively use the P address of the 192.168.176.0/25 network segment. Now that the company's marketing department has 20 hosts, which of the following address segments is best allocated to the marketing department? ()

A. 192.168.176.160/27
B. 192.168.176.0/25
C. 192.168.176.96/27
D. 192.168.176.48/29

Correct Answer: A
Section:

QUESTION 105
What is the main function of the dynamic routing protocol? ()

A. Manage routers
B. Generate IP address
C. Dynamically generate routing entries
D. Control router interface status

Correct Answer: C
Section:

QUESTION 106
The device port running the STP protocol is in the Forwarding state. Which of the following statements are correct? ()

A. This port port not only forwards user traffic but also processes BPDU packets
B. This port only receives and processes BPDUs, and does not forward user traffic
C. The port will construct a MAC address table based on the received user traffic, but does not forward user traffic
D. The port not only does not process BPDU packets, but also does not forward user traffic

Correct Answer: A
Section:

QUESTION 107
The following description about the specified port of the spanning tree is correct ()·

A. The designated port can forward configuration BPDU packets to the network segment connected to it

B. The port on the root switch must not be a designated port
C. Each switch has only one designated port
D. The port on the root switch must be a designated port

Correct Answer: A
Section:

QUESTION 108
Which of the following statements about link aggregation are correct? ()

A. GE electrical interfaces and GE optical interfaces cannot be added to the same Eth-Trurnk interface
B. Eth-Trurnk interfaces cannot be nested
C. When two devices are connected, it is necessary to ensure that the link aggregation mode on both devices is the same
D. GE interface and FE interface cannot be added to the same Eth-Trunk interface

Correct Answer: B
Section:

QUESTION 109
What is the total length of the VLAN frame format defined by IEEE802.1Q? ()

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

Correct Answer: D
Section:

QUESTION 110
CSS refers to the combination of two switch devices that support cluster features. Logically combined into one switch device. ()

A. True
B. False

Correct Answer: A
Section:

QUESTION 111
Which of the following statements about single-arm routing are correct? ()

A. On the switch, configure the port connected to the router as a Trunk port, and allow the relevant AN frame to pass
B. One physical connection per VLAN
C. Need to create a subinterface on the router
D. Only one physical link is used between the switch and the router to connect

Correct Answer: A

Section:

QUESTION 112
The election of the root switch in STP only compares the priority of the switch, while in RSTP, the priority of the switch and the MAC address are compared at the same time. ()

A. True
B. False

Correct Answer: B
Section:

QUESTION 113
The host uses the IP address 192.168.1.2 to access the Internet-it must go through NAT. ()

A. True
B. False

Correct Answer: B
Section:

QUESTION 114
In the wLAN network architecture, terminal devices that support the 802.11 standard are called? ()

A. Client
B. AC
C. STA
D. AP

Correct Answer: D
Section:

QUESTION 115
STA. Before associating to AP, it needs to obtain SSID through some message exchange. What are these messages? ()

A. Discovery

B. Beacon

C. Probe

D. ResponseProbe Request

Correct Answer: D
Section:

QUESTION 116
Which of the following statements about MPLS Labe1 labels is wrong? ()

A. The label is encapsulated between the network layer and the transport layer

B. The label is carried by the header of the message and does not contain the topologyinformation.

C. The label is used to uniquely identify the forwarding equivalence class FEC to which a packet belongs

D. The tag is a short identifier with a fixed length. It only has a local meaning

Correct Answer: A
Section:

QUESTION 117
The Management Information Base (MIB) (Management Information Base) is a virtual database that only exists on the NMS. ()

A. True

B. False

Correct Answer: B
Section:

QUESTION 118
In the VRP interface, use the command startup saved-configuration backup.cfg. Configure the startup.cfg file to be used at the next startup ()

A. True

B. False

Correct Answer: A
Section:

QUESTION 119
Both pwD. and dir commands in the VRP operating platform can view the file information in the current directory, ()

A. True

B. False

Correct Answer: B
Section:

QUESTION 120
OSThe I reference model from high-level to bottom-level is ()

A. Application layer, transport layer, network layer, data link layer, physical layer

B. Application layer Session layer Presentation layer Transport layer Network layer Data link layer Physical layer

C. Application layer Presentation layer Session layer Network layer Transport layer Data link layer Physical layer

D. Application layer Presentation layer Session layer Transport layer Network layer Data link layer Physical layer

Correct Answer: D
Section:

QUESTION 121

A company applies for a C. address segment, which needs to be evenly distributed to 8 subsidiaries.
The largest subsidiary has 14 computers. Different subsidiaries must be in different network segments. The subnet mask should be designed as ( )

A. 255.255.255.240
B. 255.255.255.128
C. 255.255.255.192
D. 255.255.255.0

Correct Answer: A
Section:

QUESTION 122
LACP protocol priority, switch A and switch B. adopt LACP mode link aggregation, and all interfaces join the link aggregation group, and set the maximum number of active ports to 3, then which interface of switch A is not an active port? ()

A. G0/0/1

B. G0/0/3

C. G0/0/0

D. G0/0/2

Correct Answer: B
Section:

QUESTION 123
VLAN4095 cannot be created on Huawei switches, and VLAN1 cannot be created ()

A. True
B. False

Correct Answer: A
Section:

QUESTION 124
Which of the following port states is not included in the RSTP protocol? ()

A. Learning
B. Discarding
C. Forwarding
D. Blocking

Correct Answer: D
Section:

QUESTION 125
The following statement about the HybriD. port is correct ()

A. When HybriD. port sends data frame, it must carry VLAN TAG
B. The HybriD. port only receives data frames with VLAN TAG
C. The HybriD port can strip off the TAG of some VLANs in the direction of the outbound interface
D. HybriD. Port does not require PVID

Correct Answer: C
Section:

QUESTION 126
What elements can NAPT transform? ()

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

Correct Answer: C
Section:

QUESTION 127
The role of the collaboration layer in the SDN architecture is to complete job deployment based on user intentions. OpenStack belongs to the business collaboration layer ()

A. True
B. False

Correct Answer: B
Section:

QUESTION 128
The following statement about Python is incorrect ()

A. Is a fully open source high-level programming language
B. Has a rich third-party library
C. Have a clear grammatical structure, easy to learn, and high efficiency for colleagues
D. Can be used for automated operation and maintenance scripts, artificial intelligence data science and many other fields

Correct Answer: A
Section:

QUESTION 129
The administrator has configured the AR2200. Which of the following descriptions about the configuration information is correct ()

A. The saved configuration file will be replaced by the running configuration file
B. If the user wants to clear the next startup configuration file of the device configuration, they should select "N"

C. If the user wants to clear the next startup configuration file of the device configuration, they should select "Y"

D. The next startup file of the device configuration will be retained

Correct Answer: C
Section:

QUESTION 130
When building a campus network, which of the following protocols can be used to avoid Layer 2 loops? ()

A. SNMP

B. RSTP

C. NAT

D. OSPF

Correct Answer: B
Section:

QUESTION 131
The tree network topology is actually a hierarchical star structure, which is easy to expand the network scale, but the higher the level, the more serious the network problem caused by the node failure ()

A. True

B. False

Correct Answer: A
Section:

QUESTION 132
Which of the following information is not included in the MAC address table of the switch? ()

A. The port number

B. MAC. Address

C. IP address

D. VLAN

Correct Answer: C
Section:

QUESTION 133
When using the SNMPv1 protocol to manage network devices, which of the following commands is used by the network management system to complete the configuration of the network devices? ()

A. Get-Next Request

B. Response

C. Set Request

D. Get-Request

Correct Answer: C
Section:

QUESTION 134
What is wrong about the ARP message? ()

A. ARP packets cannot be forwarded to other broadcast domains
B. ARP reply message is sent by unicast party
C. ARP request message is sent by broadcast
D. Any link layer protocol requires ARP protocol to assist in obtaining data link layer identification

Correct Answer: D
Section:

QUESTION 135
Which of the following fields is not included in the HELL0 packet of the OSPF protocol? ().

A. Neighbor
B. Network Mask
C. HelloInterval
D. Sysname

Correct Answer: D
Section:

QUESTION 136
All interfaces of the router belong to the same broadcast domain. ()

A. True
B. False

Correct Answer: B
Section:

QUESTION 137
The host's IPv4 address is 200.200.200.201/30. Which of the following hosts has an IPv4 address and its communication does not need to be forwarded by a router? ()

A. 200.200.200.202
B. 200.200.200.200
C. 200.200.200.203
D. 200.200.200.1

Correct Answer: A
Section:

QUESTION 138
Among the following commands for configuring the default route, the correct one is ()

A. (Huawei-Seria10) ip route-statiC. 0.0.0.0 0.0.0.00.0.0.0
B. (Huawei) ip route-statiC. 0.0.0.0 0.0.0.0 192.168.1.1

C. (Huawei) ip route-statiC. 0.0.0.0 0.0.0.0 0.0.0.0
D. (Huawei) ip route-statiC. 0.0.0.0 255.255.255.255192.168.1.1

Correct Answer: B
Section:

QUESTION 139
If the network address of a network is 192.168.1.0, then its broadcast address must be 192.168.1.255. ()

A. True
B. False

Correct Answer: B
Section:

QUESTION 140
On Huawei ARG3 routers, the -i parameter of the Ping command in VRP is used to set ().

A. Destination IP address for receiving Echo Reply reply
B. The source IP address of the Echo Request message
C. Interface for receiving Echo Reply messages
D. Interface for sending Echo Request messages

Correct Answer: D
Section:

QUESTION 141
If the Proto of a certain route information in the routing table is OSPF, the priority of this route must be 10. ()

A. True
B. False

Correct Answer: B
Section:

QUESTION 142
There are multiple route entries to the same destination network in the routing table. These routes are called? ()

A. Equal cost routing
B. Multipath routing
C. Default route
D. Suboptimal routing

Correct Answer: A
Section:

QUESTION 143
The broadcast address is a special address that all the host bits in the network address are set to, and it can also be used as a host address. ()

A. True

B. False

Correct Answer: B
Section:

QUESTION 144
Which of the following OSCan PF protocol packets ensure the reliability of LSA update? ()

A. LSACK

B. DD

C. LSU

D. LSR

Correct Answer: A
Section:

QUESTION 145
The last option field (option) of 1Pv4 is variable-length optional information. What is the maximum length of this field? ()

A. 10B

B. 40B

C. 60B

D. 20B

Correct Answer: D
Section:

QUESTION 146
Which of the following advantages does the single-arm routing approach achieve inter-VLAN routing and intercommunication? ()

A. Reduce the number of equipment

B. Reduce the use of IP addresses

C. Reduce the number of link connections

D. Reduce routing table entries

Correct Answer: C
Section:

QUESTION 147
The switch receives a unicast data frame. If the destination MAC of the data frame can be found in the MAC table, the data frame will be forwarded from the corresponding port of this MAC. ()

A. True

B. False

Correct Answer: A

Section:

QUESTION 148
The output information of the link aggregation port of a certain switch is as follows. If you want to delete Eth-Trunk1, which of the following commands is correct? ()

A. undo interface Eth-trunk 1
B. inte GigabitEthernet 0./0/2 Undo eth-trunk Quit Undo interface eth-trunk 1
C. inte GigabitEthernet 0./0/1 Undo eth-trunk Quit inte GigabitEthernet0./0/2 Undo ethtrunk Quit
D. inte GigabitEthernet 0./0/1 Undo eth-trunk Quit Undo interface eth-trunk 1

Correct Answer: A
Section:

QUESTION 149
Which information of the data frame is used by the VLANIF interface to determine whether to perform Layer 2 or Layer 3 forwarding? ()

A. Destination MAC
B. Source MAC
C. Destination port
D. Source IP

Correct Answer: A
Section:

QUESTION 150
If the value of the ypeLength field of an Ethernet data frame is 0x0800, the length of the upper layer message header carried by this data frame is in the range of 20-60B. ()

A. True
B. False

Correct Answer: A
Section:

QUESTION 151
When using FTP for file transfer, how many TCP connections will be established? ()

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

Correct Answer: A
Section:

QUESTION 152
In order to join the wireless network A. The wireless network information needs to be obtained first. Which of the following messages is used by the STA to actively obtain the SSID information? ()

A. Probe

B. Join

C. Discovery

D.

Correct Answer: A
Section:

QUESTION 153
Which of the following advantages does the single-arm routing method achieve routing intercommunication between Vlan? ()

A. Reduce the number of equipment
B. Reduce routing table entries
C. Reduce the use of IP addresses
D. Reduce the number of chain connections

Correct Answer: D
Section:

QUESTION 154
The VlanIF IP addresses of the same switch cannot be the same. ()

A. True
B. False

Correct Answer: A
Section:

QUESTION 155
When the host frequently moves, which VLAN division method is most appropriate? ()

A. Based on MAC. Address division
B. Based on strategy division
C. Based on IP subnetting
D. Based on port division

Correct Answer: A
Section:

QUESTION 156
The Backup port in RSIP can replace the failed root port. ()

A. True
B. False

Correct Answer: B
Section:

QUESTION 157
In VRPOn the platform, the command"interfacevlanit<vlan-id>"The role is (). ()

A. Create a VLAN
B. No such command
C. Create or enter VLAN virtual interface view
D. Configure VLAN for a port

Correct Answer: C
Section:

QUESTION 158
Layer 2 ACL can match source MAC, destination MAC, source IP, destination IP and other information.
()

A. True
B. False

Correct Answer: B
Section:

QUESTION 159
When deploying ACL on Huawei equipment, which of the following descriptions is correct is ()

A. When calling ACL under the interface, it can only be applied to the outbound direction
B. ACL can match the TCP/UDP port number of the packet, and can specify the range of port numbers
C. ACL cannot be used to filter OSPF traffic, because COSPF traffic does not use UDP protocol encapsulation
D. The same ACL can be called under multiple interfaces
E. When ACL defines rules, it can only proceed in the order of 10, 20, 30

Correct Answer: D
Section:

QUESTION 160
The configuration of the country code will affect the actual frequency used for transmission and the maximum transmission power ()

A. True
B. False

Correct Answer: A
Section:

QUESTION 161
Telnet.read in TelnetliB. _The role of all() is to read all data until EOF. If the echo does not return EOF, it will always block ()

A. True

B. False

Correct Answer: A
Section:

QUESTION 162
VRP operating platform, which of the following commands can only view static routes? ()

A. display ip routing-table protocol static

B. display ip routing-table

C. display ip routing-table verbose

D. display ip routing-table statistics

Correct Answer: A
Section:

QUESTION 163
IP route--statiC. 10.0.12.0255.255.255.0192.168.1.1 About this command description is correct ()

A. This command configures a route to the 10.0.12.0 network

B. The priority of this route is 100

C. If the router learns a router with the same destination network as this route through other protocols, the router will prefer this route

D. This command configures a route to the 192.168.1.1 network

Correct Answer: A
Section:

QUESTION 164
192.168.1.127/25 represents () address ()

A. broadcast

B. Multicast

C. The internet

D. Host

Correct Answer: A
Section:

QUESTION 165
What are the characteristics of VLAN based on ports? ()

A. Add an AVLAN tag to the data frame according to the IP address carried in the message

B. Assign VLAN ID according to the protocol type and encapsulation format of the data frame

C. No need to reconfigure VLAN when the host moves

D. When the host moves, the VLAN needs to be reconfigured

Correct Answer: D
Section:

QUESTION 166
In which working state of the port in the STP protocol can it be changed to the Forwarding state without going through other states? ()

A. Listening
B. Disabled
C. Blocking
D. Learning

Correct Answer: D
Section:

QUESTION 167
The configuration information of a certain interface of the router is shown in the figure. Which VILAN data packet can this port receive? () interface Gigabit Ethernet 0/0/2.30 dotlq terainatlon viD. 100 ip address 10.0.21.1 255.255.255.0 arp broadcast enable

A. 1
B. 100
C. 30
D. 20

Correct Answer: B
Section:

QUESTION 168
In a Layer 2 network with redundant links, which of the following protocols can be used to avoid loops? ()

A. VRRP
B. ARP
C. UDP
D. STP

Correct Answer: D
Section:

QUESTION 169
For switches running the STP protocol, the port needs to wait for the forwarding delay in the Learning state to transform into the Forwarding state. ()

A. True
B. False

Correct Answer: B
Section:

QUESTION 170

When the switch port receives a data frame that does not carry VLAN TAG, it must add PVID. ()

A. True

B. False

Correct Answer: A
Section:

QUESTION 171
Which of the following packet types is used by RADIUS to indicate authentication rejection? ()

A. Access-Accept

B. Access-Request

C. Access-Challenge

D. Access-Reject

Correct Answer: D
Section:

QUESTION 172
NAPT distinguishes the IP addresses of different users through the protocol numbers in TCP, UDP, or IP packets ()

A. True

B. False

Correct Answer: B
Section:

QUESTION 173
Which of the following authentication methods does not require the user name and password? ()

A. authentication-mode local

B. authentication-mode none

C. authorization-mode hwtacacs

D. Authentication-mode hwtacacs

Correct Answer: B
Section:

QUESTION 174
The CAPWAP protocol stipulates the communication standard between AC. and Ap. Which of the following statements about the CAPWAP protocol is correct? ()

A. CAPWAP is an application layer protocol based on TCP transmission

B. In order to establish a CAPWAP tunnel, the FIT Ap can only discover the AC through broadcast messages

C. In order to reduce the burden on the AP, CAPWAP uses a tunnel to simultaneously transmit control messages and data messages

D. The AP can encapsulate the user's data message in CAPWAP and hand it over to the AC.

Correct Answer: B
Section:

QUESTION 175
Wireless access controller (AC, Access Cntroller) As a unified management and control device in the FIT AP architecture, the following description of the role of AC. is wrong ()

A. No matter when the data is forwarded, the user's data message will be forwarded by AC.
B. User access control
C. User access authentication
D. AP configuration delivery

Correct Answer: A
Section:

QUESTION 176
How many more bytes are the packets using MPLS label double-layer nesting technology than the original IP packets ()

A. 32
B. 8
C. 4
D. 16

Correct Answer: B
Section:

QUESTION 177
1/128 is the IPv6 loopback address ()

A. True
B. False

Correct Answer: A
Section:

QUESTION 178
Which of the following IPv6 is a global unicast address ()

A. 2001::12:1
B. FF02:1
C. FF:02:2E0:FCFF:FEEF:FEC
D. FEE:FCFF:FEEF:FEC

Correct Answer: A
Section:

QUESTION 179
About the above configuration command is correct ()

A. Modify the user's authority level to 3. And save the configuration

B. Modify the limit level of the save command used by a user to 3

C. Modify the permission level of the user view command to 3, and save the matching sinus

D. Modify the permission level of the save command in the user view to 3

Correct Answer: D
Section:

QUESTION 180
When planning a campus network, which of the following methods can be used to divide service VLANs? ()

A. Divide vlan according to the access member structure

B. VLAN by business

C. Divide VLAN by logical area

D. Divide VLAN into J by geographical area

Correct Answer: B
Section:

QUESTION 181
Which of the following descriptions about firewalls is wrong? ()

A. Firewall can isolate networks of different security levels

B. The firewall cannot network address translation

C. Firewall can realize user identity authentication

D. Firewall can realize access control between different networks

Correct Answer: B
Section:

QUESTION 182
The correct setting of the terminal emulation program when configuring the router through the Console ()

A. 19200bps, 8 data bits, 1 stop bit, no checksum and no flow control

B. 9600bps, 8 data bits, 1 stop bit, even parity and hardware flow control

C. 9600bps, 8 data bits, 1 stop bit, no checksum and no flow control

D. 4800bps, s data bit, 1 stop bit, odd checksum and no flow control

Correct Answer: C
Section:

QUESTION 183
The router running the OSPF protocol reaches the FULL state first, and then synchronizes the LSDB. ()

A. True

B. False

Correct Answer: B
Section:

QUESTION 184
Which of the following commands to configure the default route is correct? ()

A. (Huawei-serialO)ip route-statiC. 0.0.0.0 0. 0.0.00.0.0.0
B. (Huawei)ip route-statiC. 0.0.0.0 255.255.255.255192.168.1.1
C. (Huawei)ip route-statiC. 0.0.0.0 0.0.0.0 192.168.1.1
D. (Huawei)ip route-statiC. 0.0.0.0 0.0.0.0 0.0.0.0

Correct Answer: C
Section:

QUESTION 185
Which of the following fields is not included in the He1lo packet of the OSPF protocol? ()

A. Network Mask
B. sysname
C. HelloInterval
D. Neighbor

Correct Answer: B
Section:

QUESTION 186
What is the protocol number corresponding to the ospf protocol at the network layer? ()

A. 89
B. 6
C. 0
D. 1

Correct Answer: A
Section:

QUESTION 187
Which of the following statements about the role of the STP protocol ForwarD. Delay is correct? ()

A. Prevent temporary loops
B. There is a delay in the transition between Blocking state and DsiableD state
C. Reduce the time interval of BPDu transmission and improve the convergence speed of STP
D. Improve the survival time of BPDUs to ensure that the configured BPDUs can be forwarded to more switches

Correct Answer: A
Section:

QUESTION 188
Which of the following is not the reason why RSTP can increase the speed of convergence? ()

A. Fast switching of the root port

B. The introduction of edge ports

C. Forward.Delay cancelled

D. P/A. Mechanism

Correct Answer: C
Section:

QUESTION 189
Neither the A1 ternate interface nor the Backup port in RSTP can forward user traffic, nor can they receive, process, and forward BPDUs ()

A. True

B. False

Correct Answer: B
Section:

QUESTION 190
The following description about the specified port of the spanning tree is correct ()

A. Each switch has only one designated port

B. The designated port can forward configuration BPDU packets to the network segment connected to it

C. The port on the root switch must be a designated port

D. The port on the root switch must not be a designated port

Correct Answer: B
Section:

QUESTION 191
Which of the following statements about VLANIF interfaces are correct? ()

A. The VANIF interface does not need to learn MAC addresses.

B. The VLANTF interface does not have a MAC address.

C. Different VLANIF interfaces can use the same IP address

D. The VLANIF interface is a Layer 3 interface

Correct Answer: D
Section:

QUESTION 192
Which of the following statements about the edge port in the RSTP protocol is correct? ()

A. The edge port discards the received configuration BPDU packet

B. The edge port can be directly transferred to the Forwarding state from Disable

C. Edge port participates in RSTP operation

D. The interconnection ports between switches need to be set as edge ports

Correct Answer: B
Section:

QUESTION 193
Static NAT can only achieve one-to-one mapping between private addresses and public addresses ()

A. True

B. False

Correct Answer: A
Section:

QUESTION 194
A certain ACL of the router is in the following rules, rule deny source192.168.2.00.0.0.255 destination 172.16.10.20.0.0.0 Which of the following statements is correct? ()

A. The source IP is 172.16.10.2. All TCP packets whose destination IP is 192.168.2.1 match this rule

B. All TCP packets whose source IP is 192.168.2.1 and destination IP is 172.16.10.1 match this rule

C. sourceIP is 172.16.10.2 and all TCP packets whose destination IP is 192.168.2.0 match this rule

D. sourceIAll TCP packets whose P is 192.168.2.1 and destination P is 172.16.10.2 are configured with this rule.

Correct Answer: D
Section:

QUESTION 195
RADIUS is a common protocol to implement AAA.?

A. True

B. False

Correct Answer: A
Section:

QUESTION 196
Telnet is based on TCP protocol ()

A. True

B. False

Correct Answer: A
Section:

QUESTION 197
What kind of message does the DHCP server use to confirm that the host can use the IP address? ()

A. DHCP DISCOVER

B. DHCP ACK

C. DHCP OFFER

D. DHCP REQUSET

Correct Answer: C
Section:

QUESTION 198
In order to implement FIT AP online, FIT AP first needs to obtain the IP address of AC. Which of the following options is not included in FITAP obtaining the IP address of AC. ()

A. DHCP option mode

B. Static designation method on AP

C. Broadcasting method

D. Multicast mode

Correct Answer: D
Section:

QUESTION 199
On the VRP operating platform, what command is used to display the current interface configuration in the interface view? ()

A. display users

B. display version

C. display this

D. display ip interfacebrief

Correct Answer: A
Section:

QUESTION 200
On the VRP platform, which of the following methods can be used to access previous historical commands? ()

A. Ctr1+U

B. Ctr1+P

C. Left cursor

D. Up cursor

Correct Answer: D
Section:

QUESTION 201
The subnet mask of a network segment 150.25.0.0 is 255.255.224.0, then () is a valid host address in this network segment. ()

A. 150.25.2.24

B. 150.25.0.0

C. 150.25.1.255

D. 150.15.3.30

Correct Answer: A
Section:

QUESTION 202
On the broadcast network, both DR and BDR use the multicast address 224.0.0.6 to receive link state update messages ()

A. True
B. False

Correct Answer: B
Section:

QUESTION 203
The following statement about the TTL field in the IP packet header is correct. ()

A. TTL defines the time interval at which the source host can send data packets
B. TTL defines the number of packets that the source host can send
C. Each time a P packet passes through a router, its TTL value will be reduced by 1
D. Each time an IP packet passes through a router, its TTL value is increased by 1

Correct Answer: C
Section:

QUESTION 204
The WPLS tag header is encapsulated between the data link layer header and the network layer header of the message.

A. True
B. False

Correct Answer: A
Section:
Explanation:
Topic 3, Exam Pool C

QUESTION 205
SNMP messages are carried over UDP.

A. True
B. False

Correct Answer: A
Section:

QUESTION 206
Which of the following address types does IPV6 have?

A. Anycast address
B. Link local address

C. Multicast address

D. Unicast address

E. Broadcast address

Correct Answer: B
Section:

QUESTION 207
The DHCPv6 server supports the provision of other configuration information such as DNS server addresses for the host.

A. True

B. False

Correct Answer: A
Section:

QUESTION 208
Which of the following statements about Python is incorrect?

A. Python has a wealth of third-party libraries.

B. Python is a fully open source high-level programming language.

C. Python can be used for automated operation and maintenance scripts, artificial intelligence data science and many other fields.

D. Python has a clear grammatical structure, is simple and easy to learn, and runs efficiently.

Correct Answer: D
Section:

QUESTION 209
For multiple paths to the same destination network, the router needs to select by comparing the magnitude of the Prererence value. If the Preference is the same, the router selects according to the magnitude of the Cost value. ()

A. True

B. False

Correct Answer: A
Section:

QUESTION 210
When adopting LACP mode for link aggregation, what is the default system interference level of Huawei switches? ()

A. 36864

B. 4096

C. 24576

D. 32768

Correct Answer: D
Section:

QUESTION 211
The login timeout time in the VRP system can only be set under the vty interface. ()

A. True
B. False

Correct Answer: B
Section:

QUESTION 212
What kind of network equipment can host A and host B use to achieve communication?

A. router
B. Hub
C. HUB
D. Layer 2 switch

Correct Answer: A
Section:

QUESTION 213
Which of the following IPv4 addresses is a class A address? ()

A. 192.168.1.1
B. 100.1.1.1
C. 127.0.0.1
D. 172.16.1.1

Correct Answer: B
Section:

QUESTION 214
The config mode is the default ACL matching order on Huawei devices. ()

A. True
B. False

Correct Answer: A
Section:

QUESTION 215
When learning this switch needs to forward the frame with the destination MAC. The address is 5489-98ec-f011, the following description is correct ()

A. The switch will flood the frame on all ports except the port that received the frame
B. The switch will send a message that the destination is unreachable to the source device
C. The switch does not find a matching entry in the MAC. address table, so the frame will be discarded
D. The switch needs to discover the MAC by sending a request..Device with address 548998ec-f011

Correct Answer: A
Section:

QUESTION 216
What is the range of VLAN ID that users can use? ()

A. 1-4096
B. 1-4094
C. 0-4096
D. 0-4095

Correct Answer: B
Section:

QUESTION 217
By default, in the SNMP protocol, which port number does the agent process use to send alarm messages to N? ()

A. 164
B. 163
C. 162
D. 161

Correct Answer: C
Section:

QUESTION 218
What is the port number used by the FTP protocol control plane? ()

A. 23
B. 24
C. 21
D. 22

Correct Answer: C
Section:

QUESTION 219
There is no channel overlap in the 14 available frequency bands in the 2.4GHz frequency band. ()

A. True
B. False

Correct Answer: B
Section:

QUESTION 220
After link authentication is completed, STA will continue to initiate link service negotiation. Which of the following messages will be used to achieve the specific negotiation? ()

A. Join

B. Handshake

C. Association

D. Negotiate

Correct Answer: D
Section:

QUESTION 221
The Layer 2 networking of WLAN refers to STA. It uses AC as its own gateway. ()

A. True

B. False

Correct Answer: A
Section:

QUESTION 222
What is the IEEE802.11 standard corresponding to Wi-F16? ()

A. 802.11au
B. 802.11ax
C. 802.11at
D. 802.11ac

Correct Answer: B
Section:

QUESTION 223
NAPT allows multiple private IP addresses to be mapped to the same public P address through different port numbers. The following description of the port number in NAPT is correct ().

A. The correspondence between port numbers and private addresses must be manually configured
B. No need to do any configuration about port number
C. Only need to configure the range of port numbers
D. Need to use ACL to assign port numbers

Correct Answer: B
Section:

QUESTION 224

Does the WEP security policy support the use of TKIP for data encryption?

A. True
B. False

Correct Answer: B
Section:

QUESTION 225
When the FIT AP goes online, the software version will be downloaded from AC.

A. True
B. False

Correct Answer: B
Section:

QUESTION 226
Which of the following interfaces are not open to Huawei controllers?

A. NETCONF
B. RESTful
C. AAA
D. OpenFlow

Correct Answer: D
Section:

QUESTION 227
If the administrator wants to completely delete the old device configuration file, the following command is correct ().

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

Correct Answer: D
Section:

QUESTION 228
What is wrong about the following description of the router? ()

A. The router can be used as a gateway device
B. The router cannot isolate the broadcast domain
C. The router can realize IP packet forwarding
D. The router works at the network layer

Correct Answer: B
Section:

QUESTION 229
By default, on the broadcast networkOSPFWhat is the transmission period of the protocol HELLO message? ()

A. 10s
B. 40s
C. 30s
D. 20s

Correct Answer: A
Section:

QUESTION 230
By default, what is the RouterDeadInterval of the ospf protocol on the broadcast network? ()

A. 20s
B. 40s
C. 10s
D. 30s

Correct Answer: B
Section:

QUESTION 231
When using the ping command on the VRp platform, if you need to specify a P address as the source address of the echo request message, which of the following parameters should be used? ()

A. =-d
B. =-a
C. =-S
D. =-n

Correct Answer: B
Section:

QUESTION 232
All interfaces of routers running 0SPF protocol must belong to the same are a. ()

A. True
B. False

Correct Answer: B
Section:

QUESTION 233
What is the total length of port ID in Spanning Tree Protocol? ()

A. 2

B. 8

C. 4

D. 16

Correct Answer: D
Section:

QUESTION 234
When a switch receives a unicast data frame with a VLAN tag, but finds that the destination MAC address of the data frame cannot be queried in its MAC address table, the switch's processing behavior for the data frame is ().

A. The switch will broadcast this data frame to all ports (except the receiving port) in the VLAN where the data frame is located

B. The switch will broadcast the data frame to all ports

C. The switch will discard this data frame

D. The switch will broadcast this data frame to all Access ports

Correct Answer: A
Section:

QUESTION 235
In the RSTP protocol, when the edge port receives the configuration BPDU message, it loses the edge port attribute. ()

A. True

B. False

Correct Answer: A
Section:

QUESTION 236
Which of the following commands can be used to check the session status of the PPPoE client? ()

A. display current configuration

B. display pppoe-client session summary

C. display ip interface brief

D. display pppoe-client sessi on packet

Correct Answer: B
Section:

QUESTION 237
An ACL rule is as follows: Which of the following IP addresses can be matched by permit rules? () rule5per mit ip source10.0.2.00.0.254.255

A. 10.0.6.7

B. 10.0.4.5

C. 10.0.5.6

D. 10.0.2.I

Correct Answer: C
Section:

QUESTION 238
Which of the following parameters is used in LCP negotiation to detect link loops and other abnormal conditions? ()

A. MRU
B. CHAP
C. Magic word
D. PAP

Correct Answer: C
Section:

QUESTION 239
What is the default step length of ACL on AR G3 series routers? ()

A. 10
B. 5
C. 20
D. 15

Correct Answer: B
Section:

QUESTION 240
The following figure shows the routing table of a router. When the router receives a data packet with a destination IP address of 9.LL, the router will forward it according to the route of 91.0.016 because the mask length of this route is longer. ()

A. True
B. False

Correct Answer: A
Section:

QUESTION 241
Which of the following IPv6 addresses can be abbreviated as 2FFF DAC:ABEF:CDAA:732? ()

A. 2FFF:ODAC. :ABEF:0000:0000:0000:CDAA4:0732
B. 2FFF:ODAC:ABEF 0000:0000:CDAA:0732

C. 2FFF DACO:ABEF 0000000:0000:CDAA:0732

D. 2FFF:ODAC:ABEF:0000:0000:0000:CDAA:7320

Correct Answer: B
Section:

QUESTION 242
FIT AP does not need AC. It can also work independently ()

A. True

B. False

Correct Answer: B
Section:

QUESTION 243
In order for the STA to obtain the SSID related information on the AP, which of the following messages is used by the AP to proactively declare the wireless network SSID information? ()

A. Join

B. eacon

C. Probe

D. Discovery

Correct Answer: B
Section:

QUESTION 244
As shown in the figure, two hosts realize communication between TAs through single-arm routing.
When the G0/0/1.2 sub-interface of RTA. receives the data frame sent by host B. to host A. , RTA. will execute which of the following Operation? ()

A. RTA. First delete VLAN tag 20, then add VLAN tag 10, and then send it out via G0/0/1.1 interface

B. RTA. Forward the data frame directly through the G0/0/1.1 sub-interface

C. RTA. The data frame will be discarded

D. RTA. After deleting VLAN tag 20, it will be sent out by G0/0/1.1 interface

Correct Answer: A
Section:

QUESTION 245
The FIT AP can obtain the IP address of AC. through the DHCP Option to establish a CAPWAP tunnel.
Which Option needs to be configured on the DHCP server for this? ()

A. Option 82
B. Option 10
C. Option 43
D. Option 55

Correct Answer: A
Section:

QUESTION 246
When the device running STP receives the RSTP configuration BPDU, it will discard it. ()

A. True
B. False

Correct Answer: A
Section:

QUESTION 247
The mask length is 12 bits can be expressed as?

A. 255.240.0.0
B. 255.248.0.0
C. 255.255.0.0
D. 255.255.255.0

Correct Answer: A
Section:

QUESTION 248
UDP is oriented to connectionless and must rely on () to ensure the reliability of transmission. ()

A. Internet Protocol
B. Transmission Control Protocol
C. Application layer protocol
D. Network layer protocol

Correct Answer: C
Section:

QUESTION 249
What is RouterDeadInterval of the OSPF protocol on the broadcast network by default? ()

A. 40s

B. 10s

C. 20s

D. 30s

Correct Answer: A
Section:

QUESTION 250
By default, what is the period for sending 0SPF HELLO packets on the broadcast network? ()

A. 10s

B. 20s

C. 30s

D. 40s

Correct Answer: A
Section:

QUESTION 251
In the VRP system, what function does the Ctrl+Z key combination have? ()

A. Return to user view from any view

B. Return from system view to user view

C. Exit interface view

D. Exit the current view

E. Exit the console interface view

Correct Answer: A
Section:

QUESTION 252
As shown in the figure below, assuming that the MAC address table of SWA is as follows, now host A. sends a data frame with a destination MAC address of MAC-B. Which of the following statements is correct? ()

A. Flood out this data frame

B. Forward this data according to the G0/0/2 port

C. SWA. Discard the data frame

D. Forward this data frame from port G0/0/3

Correct Answer: B
Section:

QUESTION 253
A company applies for a C. IP address segment, which needs to be evenly distributed to 8 subsidiaries. The largest subsidiary has 14 computers. Different subsidiaries must be in different network segments, so the subnet mask should be set. for()

A. 255.255.255.192

B. 255.255.255.240

C. 255.255.255.0

D. 255.255.255.128

Correct Answer: B
Section:

QUESTION 254
After the network administrator uses the Tracer tRoute function on the router device, in the data packet sent by the router, the value of the Protoco1 field in the IPv4 header is?

A. 17

B. 2

C. 1

D. 6

Correct Answer: A
Section:

QUESTION 255
Which of the following routing protocols has the highest priority?

A. RIP

B. Direct

C. Static

D. OSPF

Correct Answer: B
Section:

QUESTION 256
Which of the following fields is not included in the HELL0 packet of the OSPF protocol?

A. Network HA. sk

B. Nei ghbor

C. sysname

D. He11 oInt erval

E. He11 oInt erval

Correct Answer: C
Section:

QUESTION 257
Broadcast network. OSPF runs on four routers in the same are a. Same network segment. OSPF will automatically elect one DR and multiple BDRs to achieve better backup results

A. True

B. False

Correct Answer: B
Section:

QUESTION 258
The administrator plans to implement route backup by configuring static floating routes, the correct way to achieve this is ().

A. The administrator needs to configure different protocol priority values for the main static route and the standby static route

B. The administrator only needs to configure two static routes

C. The administrator needs to configure different metric values for the main static route and the standby static route. The administrator only needs to configure two static routes

D. The administrator only needs to configure two static routes

Correct Answer: A
Section:

QUESTION 259
The following protocols are China's link state routing protocol

A. PTP

B. OSPF

C. Direct

D. Static

Correct Answer: B
Section:

QUESTION 260
When two OSPF routers form a 2TAY neighbor relationship, LSDB. has been synchronized.

A. True
B. False

Correct Answer: B
Section:

QUESTION 261
The change of the Router ID of the OSPF process takes effect immediately.

A. True
B. False

Correct Answer: B
Section:

QUESTION 262
Which of the following protocols is OSPF based on?

A. UDP
B. HTTP
C. TCP
D. IP

Correct Answer: D
Section:

QUESTION 263
OSPF Router ID. It must be the same as the IP address of an interface on the router.

A. True
B. False

Correct Answer: B
Section: