

45. Which of the following are the advantages of a VLAN?

- ☒ A. Limits broadcast domains.
- ☒ B. Improves network robustness.
- ☒ C. Enhances LAN security.
- ☒ D. Flexibly constructs virtual workgroups.

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Congratulations, you got it!

My Score: 20 Point(s)

Correct answer: ABCD

20、Refer to the following configuration on a Huawei router.

```
<huawei>system-view
```

```
[huawei]user-interface maximum-vty 7
```

Which of the following statements is true?

- ☐ A. The router allows a maximum of seven users to log in concurrently through the asynchronous serial port.
- ☒ B. The router allows a maximum of seven users to log in concurrently through the console port.
- ☐ C. If a user forgets the system login password, the user will be locked out after seven consecutive failed login attempts.
- ☐ D. The router allows a maximum of seven users to log in concurrently through Telnet.

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✘ Wrong answer My Score: 0 Point(s) Correct answer: D

21、 In STP, which of the following values cannot be set as the bridge priority?

- ☐ A. 8192
- ☐ B. 16384
- ☒ C. 22528
- ☐ D. 0

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✔ Congratulations, you got it! My Score: 15 Point(s) Correct answer: C

39、 A WLAN is constructed using wireless technologies. Which of the following are wireless network types based on the application scope?

☒ A. WWAN

☒ B. WMAN

☒ C. WLAN

☒ D. WPAN

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✔ Congratulations, you got it! My Score: 20 Point(s) Correct answer: ABCD

45、Refer to the following configuration:

```
[huawei]interface eth-trunk 1
```

```
[huawei-Eth-Trunk1]undo portswitch
```

Which of the following statements about the undo portswitch command are true?

- ☐ A. This command enables a Layer 3 switch to support Layer 2 link aggregation.
- ☐ B. This command enables a router to support Layer 2 link aggregation.
- ☒ C. This command enables a router to support Layer 3 link aggregation.
- ☒ D. This command enables a Layer 3 switch to support Layer 3 link aggregation.

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✔ Congratulations, you got it! My Score: 20 Point(s) Correct answer: CD

48. Which of the following statements about OSPF router IDs are true?

- ☒ A. The router ID of every device in an OSPF area must be unique. ✓
- ☒ B. router ID can be manually configured or automatically selected by a device. ✓
- ☒ C. To ensure protocol stability, it is recommended that the network administrator manually configure a router ID for an OSPF process. ✓
- ☐ D. device uses the smallest IP address configured on loopback interfaces as its router ID. If no loopback interface is configured, the device uses the smallest IP address configured on interfaces as its router ID.

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✓ Congratulations, you got it! My Score: 20 Point(s) Correct answer: ABC

49. Which of the following are valid MAC address types?

- ☒ A. Multicast MAC address
- ☒ B. Broadcast MAC address
- ☐ C. Anycast MAC address
- ☒ D. Unicast MAC address

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Congratulations, you got it!

My Score: 20 Point(s)

Correct answer: ABD

54、 A CAPWAP tunnel is established between the Fit AP and AC to transmit management traffic and service data traffic.

☒ True

☐ False

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✘ Wrong answer My Score: 0 Point(s) Correct answer: False

55. TFTP uses TCP to transfer files, and the default server port number is 21.

☒ True

☐ False

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✘ Wrong answer My Score: 0 Point(s) Correct answer: False

58、 WLAN technology enables transmission of information by radio waves over the air. Currently, the 2.6 GHz and 5 GHz frequency bands are used.

☐ True

☒ False

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✔ Congratulations, you got it! My Score: 15 Point(s) Correct answer: False

58、 A hybrid port on a switch can connect to either a user host or a port on another switch.

☒ True

☐ False

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Congratulations, you got it!

My Score: 15 Point(s)

Correct answer: True

58. Segment routing (SR) provides an innovative traffic steering method. It divides a network path into segments and allocates segment IDs (SIDs) to these segments. The segments and nodes are sequentially arranged into a segment list to form a forwarding path.


☒ True



☐ False

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 Congratulations, you got it! My Score: 15 Point(s) Correct answer: True

57、 AAA is short for authentication, authorization, and application.

☐ True

☒ False

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Congratulations, you got it!

My Score: 15 Point(s)

Correct answer: False

49、 Interfaces GE1/0/1 and GE1/0/0 on both switches CE1 and CE2 shown in the figure have the following configurations: interface GE1/0/1 undo shutdown port link-type access # interface GE1/0/0 undo shutdown port link-type trunk port trunk pvid vlan 2 #
Which of the following statements are true?



- ☒ A. The Ethernet uses CSMA/CD to avoid collisions in collision domains. ✓
- ☒ B. Each port of a router connects to a broadcast domain. ✓
- ☒ C. Each port of a switch connects to a collision domain. ✓
- ☒ D. All devices connected to the same hub belong to the same collision domain. ✓

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✓ Congratulations, you got it! My Score: 20 Point(s) Correct answer: ABCD

41、 Which of the following statements about OSPF areas are true?

- ☒ A. OSPF areas can be classified into backbone areas and non-backbone areas. ✓
- ☒ B. OSPF multi-area improves network scalability and facilitates the construction of large-scale networks. ✓
- ☒ C. The OSPF multi-area design can reduce the LSA flooding scope. ✓
- ☒ D. Route summarization can be performed at the border of two OSPF areas to reduce the size of the routing table. ✓

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✓ Congratulations, you got it! My Score: 20 Point(s) Correct answer: ABCD

36、 A host at 192.168.1.1/24 on an intranet wants to access a server at 160.131.20.1 on a public network. Refer to the following configuration on a gateway router:

```
[RTA]interface GigabitEthernet 0/0/0
```

```
[RTA-GigabitEthernet0/0/0]nat outbound 2000
```

Which of the following statements are true?

- ☐ A. The address 192.168.1.1 will be translated into a public IP address in a public address pool.
- ☐ B. The administrator configures Easy IP.
- ☒ C. The address 192.168.1.1 will be translated into the public network address of the interface GigabitEthernet 0/0/0 on the gateway router.
- ☒ D. The administrator configures the NAT Server.

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✘ Wrong answer My Score: 0 Point(s) Correct answer: BC

47、 Which of the following statements about Layer 2 and Layer 3 loops are true?

- ☐ A. The TTL field in the IP packet header can prevent Layer 2 loops.
- ☒ B. The Layer 2 frame header does not contain any information that can prevent data frames from being forwarded endlessly.
- ☒ C. If redundant links are deployed on the network, Layer 2 loops may occur.
- ☒ D. Layer 2 loop may occur if cables are incorrectly connected.

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Congratulations, you got it!

My Score: 20 Point(s)

Correct answer: BCD

51、Python can run in both interactive mode and non-interactive (script) mode.

☒ True



☐ False

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✔ Congratulations, you got it! My Score: 15 Point(s) Correct answer: True

58、 To prevent out-of-order packets, it is recommended that Eth-Trunk use flow-based load balancing.

☒ True



☐ False

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✔ Congratulations, you got it! My Score: 15 Point(s) Correct answer: True

22、 Which is the most widely used VLAN assignment method?

- ☒ A. Interface-based VLAN assignment
- ☐ B. Protocol-based VLAN assignment
- ☐ C. MAC address-based VLAN assignment
- ☐ D. IP subnet-based VLAN assignment

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Congratulations, you got it!

My Score: 15 Point(s)

Correct answer: A

2. Refer to the following AAA configuration on a device. Which of the following statements is true?

```
[R1-aaa]display this
[V200R003C00]
#
aaa
authentication-scheme default
authorization-scheme default
accounting-scheme default
domain default
domain default_admin
local-user huawei password cipher %$%$m]GrHmJ1mL[7&zCh^XQBUII]%$%$
local-user huawei privilege level 0
local-user huawei service-type telnet
#
```

- ☐ A. The huawei user can log in to the device through SSH.
- ☐ B. The huawei user can run the display current-configuration command.
- ☒ C. The authentication mode is local authentication.
- ☐ D. The authorization scheme is default and the authorization mode is non-authorization.

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✔ Congratulations, you got it! My Score: 15 Point(s) Correct answer: C

21. The Domain Name System (DNS) protocol is used to resolve domain names to IP addresses. Which of the following statements about DNS is false?

- ☐ A. DNS server maintains the database that stores the mappings between domain names and IP addresses and responds to the requests from the resolver.
- ☐ B. DNS supports traversal query.
- ☐ C. domain name can be used to identify a host.
- ☒ D. DNS supports recursive query.

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 Wrong answer My Score: 0 Point(s) Correct answer: B

52、 In the WLAN network architecture, ACs can be connected in in-path or off-path mode.

☒ True

☐ False

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✔ Congratulations, you got it! My Score: 15 Point(s) Correct answer: True

55. The vlan batch 4 10 command is used to create VLAN 4 and VLAN 10.

☒ True

☐ False

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Congratulations, you got it!

My Score: 15 Point(s)

Correct answer: True



59、 Before sending an IPv6 packet, an interface performs the following operations in this order: address configuration, address resolution, and duplicate address detection (DAD).

☐ True

☒ False

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✔ Congratulations, you got it! My Score: 15 Point(s) Correct answer: False

59. A blackhole route (or null route) can prevent routing loops.

☒ True

☐ False

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✔ Congratulations, you got it! My Score: 15 Point(s) Correct answer: True

39、 Which of the following statements about static and dynamic routes are true?

- ☒ A. When creating a static route, you must specify both the outbound interface and next hop.
- ☒ B. Static routes have low requirements on the system and are applicable to simple, stable, and small-sized networks.
- ☒ C. Dynamic routing protocols can automatically discover and generate routes and are more suitable for large-scale networks.
- ☐ D. Dynamic routing protocols can be classified into distance-vector routing protocols and link-state routing protocols based on their working mechanism and routing algorithms.

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✘ Wrong answer My Score: 0 Point(s) Correct answer: BCD