

H12-211 HCNA-HNTD Mock Exam

Answered by :ebg_30324562 Total exam score:100.0 Exam score:61.0

1.True or False

A Trunk port always sends tagged frames to the peer equipment.

☐√ ☐×

Answers of examinees: √ **Wrong answer**

Correct answer:
×

QuestionScore:(1.0) Current Score: 0.0

2.True or False

When a trunk port receive an untagged frame , the switch will drop the frame.

☐√ ☐×

Answers of examinees: √ **Wrong answer**

Correct answer:
×

QuestionScore:(1.0) Current Score: 0.0

3.True or False

Root bridges only provide root ports .

☐√ ☐×

Answers of examinees: × **Correct answer**

Correct answer:
×

QuestionScore:(1.0) Current Score: 1.0

4.True or False

One of the significant features of the PPP protocol is the authentication function.A PPP connection is established only when the authentication is successful.

☐√ ☐×

Answers of examinees: √ **Correct answer**

Correct answer:
√

QuestionScore:(1.0) Current Score: 1.0

5.True or False

On a port running frame relay,We can apply several logical sub-interface, and in each logical sub-interface, one or more MAP items can exist.

☐√ ☐×

Answers of examinees: × **Wrong answer**

Correct answer:

√

QuestionScore:(1.0) Current Score: 0.0

6.True or False

The ICMP protocol (RFC792) is not applied to Application Layer but Network Layer.

☐√ ☐×

Answers of examinees: √ **Correct answer**

Correct answer:

√

QuestionScore:(1.0) Current Score: 1.0

7.True or False

The fram-relay map information is show as below. The IP address 10.1.1.2 is configured on the local device.

[RTA]dis fr map-info

Map Statistics for interface Serial0 (DTE)

DLCI = 100, IP INARP 10.1.1.2, Serial0

create time = 2007/06/04 17:34:59, status = ACTIVE

encapsulation = ietf, vlink = 20, broadcast

☐√ ☐×

Answers of examinees: × **Correct answer**

Correct answer:

×

QuestionScore:(1.0) Current Score: 1.0

8.True or False

If the optimal path to the destination IP address is unavailable after a change occurs in a network topology, the dynamic routing protocol can make adaptation to this change and determine another optimal path to the destination IP address.

☐√ ☐×

Answers of examinees: √ **Correct answer**

Correct answer:

√

9.True or False

One router forwards the packets according the routing table on itself without considering the routing table of any neighbor routers.

☒√ ☐×

Answers of examinees: √ **Correct answer**

Correct answer:

√

10.True or False

In 802.1Q, a four byte field is inserted into the ethernet frame, but only 12 bits is used for VLAN ID?

☒√ ☐×

Answers of examinees: √ **Correct answer**

Correct answer:

√

11.True or False

A static route can be either configured manually by a network administrator or generated automatically.

☐√ ☒×

Answers of examinees: × **Correct answer**

Correct answer:

×

12.True or False

A MAC address has 32 bits, the first 16 bits represent the manufacturer.

☐√ ☒×

Answers of examinees: √ **Wrong answer**

Correct answer:

×

13.True or False

A hub forwards any signal received from any port to all other ports .

☐ ✓ ☐ ✕

Answers of examinees: ✓ **Correct answer**

Correct answer:
✓

QuestionScore:(1.0) Current Score: 1.0

14.True or False

In broadcast network of OSPF protocol, any two DR Others will neither exchange LSA nor send Hello packet to each other due to the existence of DR.

☐ ✓ ☐ ✕

Answers of examinees: ✓ **Wrong answer**

Correct answer:
✕

QuestionScore:(1.0) Current Score: 0.0

15.True or False

If you want to reset the routers configuration. The administrator need to delete the configuration files saved in the storage devices and then rebooting the router.

☐ ✓ ☐ ✕

Answers of examinees: ✕ **Wrong answer**

Correct answer:
✓

QuestionScore:(1.0) Current Score: 0.0

16.True or False

RTA connects with RTB through interface Serial0. The configuration on RTA is as follow:

```
[RTA]aaa
[RTA-aaa]local-user huawei password cipher hello
[RTA-aaa]local-user huawei service-type ppp
[RTA]interface Serial 0
[RTA-Serial0]link-protocol ppp
[RTA-Serial0]ppp authentication-mode chap
[RTA-Serial0]ip address 10.1.1.1 30
```

The configuration on RTB is as follow:

```
[RTB]interface Serial 0
[RTB-Serial0]link-protocol ppp
[RTB-Serial0]ppp chap user huawei
[RTB-Serial0]ppp chap password cipher hello
[RTB-Serial0]ip address 10.1.1.2 30
```

With the configuration above, RTA and RTB are able to communicate with each other.

☐ ✓ ☐ ✕

Answers of examinees: ✓

Correct answer

Correct answer:

✓

QuestionScore:(1.0) Current Score: 1.0

17.True or False

When network condition changed, a static route can be rectified automatically without reconfiguration by the network administrator .

☐ ✓ ☐ ×

Answers of examinees: × Correct answer

Correct answer:

×

QuestionScore:(1.0) Current Score: 1.0

18.True or False

Routing Information Protocol (RIP) is available in the RIPv1, RIPv2, and RIPv3 versions.

☐ ✓ ☐ ×

Answers of examinees: × Correct answer

Correct answer:

×

QuestionScore:(1.0) Current Score: 1.0

19.True or False

In OSPF protocol, most of the packets are sent by using reserved multicast address and unicast. This can reduce the impact on non-OSPF speaking devices.

☐ ✓ ☐ ×

Answers of examinees: × Wrong answer

Correct answer:

✓

QuestionScore:(1.0) Current Score: 0.0

20.True or False

When you configure Frame Relay on Quidway routers, you can configure Inverse ARP instead of static address mapping because the function of Inverse ARP is to provide dynamic address mapping.

☐ ✓ ☐ ×

Answers of examinees: ✓

Correct answer

Correct answer:

√

QuestionScore:(1.0) Current Score: 1.0

21.Single

Direct interconnection of traffic with different VLANs is not allowed. Such traffic must be transmitted based on ().

- ☐ a.Port isolation
- ☐ b.MAC addresses
- ☐ c.VLAN routing
- ☐ d.VLAN switching

Answers of examinees: c **Correct answer**

Correct answer:

c

QuestionScore:(2.0) Current Score: 2.0

22.Single

A switch receives entire data frame and then perform CRC checking,the frame is forwarded unless CRC checking fails. The switch mode for this switch is ?

- ☐ a.Cut-Through
- ☐ b.Store-and-Forward
- ☐ c.Fragment-free
- ☐ d.Store-free

Answers of examinees: a **Wrong answer**

Correct answer:

b

QuestionScore:(2.0) Current Score: 0.0

23.Single

In a TCP/IP protocol stack, the headers of packets at each layer are removed in the decapsulation process in a specified manner. Which of the following is the right manner?

- ☐ a.From upper to lower
- ☐ b.From lower to upper
- ☐ c.From Transport Layer to the lower layers
- ☐ d.From Network Layer to the upper layers

Answers of examinees: b **Correct answer**

Correct answer:
b

QuestionScore:(2.0) Current Score: 2.0

24.Single

The OSI reference model defines a simple hierarchical network model for a computer network. Which of the following standardization organizations develops the OSI reference model?

- ☐ a.ISO
- ☐ b.IEEE
- ☐ c.ITU
- ☐ d.IETF

Answers of examinees: a **Correct answer**

Correct answer:
a

QuestionScore:(2.0) Current Score: 2.0

25.Single

Which of the following commands is used to disable automatic route aggregation for RIP?

- ☐ a.Undo rip
- ☐ b.Summary
- ☐ c.Undo summary
- ☐ d.Undo network 10.0.0.0

Answers of examinees: d **Wrong answer**

Correct answer:
c

QuestionScore:(2.0) Current Score: 0.0

26.Single

Which of the following values is the default preference value for static route on the VRP platform?

- ☐ a.0
- ☐ b.20

☐ c.60

☐ d.100

Answers of examinees: c **Correct answer**

Correct answer:

c

QuestionScore:(2.0) Current Score: 2.0

27.Single

Hub work at () layer.

☐ a.Physical

☐ b.Data link

☐ c.Network

☐ d.Application

Answers of examinees: a **Correct answer**

Correct answer:

a

QuestionScore:(2.0) Current Score: 2.0

28.Single

The default mask length of the IP address 219.25.23.56 is ()

☐ a.8

☐ b.16

☐ c.24

☐ d.32

Answers of examinees: d **Wrong answer**

Correct answer:

c

QuestionScore:(2.0) Current Score: 0.0

29.Single

Which of the following descriptions about function of VRRP is true?

- ☐ a.VRRP improves the reliability of the default gateway in the network
- ☐ b.VRRP makes the routing protocols converge faster
- ☐ c.VRRP is mainly used for load balancing
- ☐ d.VRRP provides the same default gateway for different network segments, thus simplifies gateway configuration of PCs in the network

Answers of examinees: a **Correct answer**

Correct answer:
a

QuestionScore:(2.0) Current Score: 2.0

30.Single

Workstation A and workstation B are respectively connected to two ports of a switch. Assume the MAC table of the switch is empty now. Which of the following statements is true as soon as the switch receives the first packet sent by Workstation A to Workstation B?

- ☐ a.The switch will learn address of A
- ☐ b.The switch will learn address of B
- ☐ c.The switch will not learn any address
- ☐ d.The switch will learn addresses of both A and B

Answers of examinees: a **Correct answer**

Correct answer:
a

QuestionScore:(2.0) Current Score: 2.0

31.Single

Which of the following descriptions about learning state in STP is incorrect?

- ☐ a.The port in learning state can receive and send BPDU
- ☐ b.The port in learning state can learn the source MAC address of data packet
- ☐ c.The port in learning state can only learn the source MAC address but cannot transmit the data packet.
- ☐ d.The port in learning state can forward part of the data packet

Answers of examinees: c **Wrong answer**

Correct answer:
d

32.Single

For a traditional class C network without sub-netting, how many hosts are available at most?

- ☐ a.1024
- ☐ b.65025
- ☐ c.254
- ☐ d.48

Answers of examinees: c **Correct answer**

Correct answer:
c

QuestionScore:(2.0) Current Score: 2.0

33.Single

According to OSI reference model, switch operates at () layer.

- ☐ a.Physical
- ☐ b.Data link
- ☐ c.Transport
- ☐ d.Application

Answers of examinees: b **Correct answer**

Correct answer:
b

QuestionScore:(2.0) Current Score: 2.0

34.Single

The default subnet mask of the class D IP address is () bits.

- ☐ a.8
- ☐ b.16
- ☐ c.24
- ☐ d.Class D address does not have the subnet mask

Answers of examinees: d **Correct answer**

Correct answer:

d

QuestionScore:(2.0) Current Score: 2.0

35.Single

Which of the following applications can be used to detect the path along which the data packets are transmitted from the source to the destination?

- ☐ a.Route
- ☐ b.Nestat
- ☐ c.Tracert
- ☐ d.Send

Answers of examinees: c **Correct answer**

Correct answer:

c

QuestionScore:(2.0) Current Score: 2.0

36.Single

Which of the following OSPF versions is specific to the IPv6 technology?

- ☐ a.OSPFv1
- ☐ b.OSPFv2
- ☐ c.OSPFv3
- ☐ d.OSPFv4

Answers of examinees: c **Correct answer**

Correct answer:

c

QuestionScore:(2.0) Current Score: 2.0

37.Single

According to OSI reference model, which of the following statements about the function of network layer is correct?

- ☐ a.Ensure the correctness of data transmission
- ☐ b.Control the forwarding and routing of data packet
- ☐ c.Control transmission of bit flow
- ☐ d.Error correction and flow control

Answers of examinees: b **Correct answer**

Correct answer:
b

QuestionScore:(2.0) Current Score: 2.0

38.Single

What is the function of ARP?

- ☐ a.Map port number to IP address
- ☐ b.Map MAC address to IP address
- ☐ c.Broadcast IP address
- ☐ d.Map IP address to Mac address

Answers of examinees: d **Correct answer**

Correct answer:
d

QuestionScore:(2.0) Current Score: 2.0

39.Single

The incoming and outgoing packets of a mirrored port are copied to another port. Which of the following objects is this type of mirror action based on?

- ☐ a.Link
- ☐ b.Equivalence
- ☐ c.Flow
- ☐ d.Port

Answers of examinees: b **Wrong answer**

Correct answer:
d

QuestionScore:(2.0) Current Score: 0.0

40.Single

What is the port number of DNS?

- ☐ a.21
- ☐ b.23

☐ c.53

☐ d.80

Answers of examinees: c **Correct answer**

Correct answer:

c

QuestionScore:(2.0) Current Score: 2.0

41.Single

Which of the following represents the network IP address corresponding to the 192.168.1.7/28 IP address?

☐ a.192.168.1.0

☐ b.192.168.1.4

☐ c.192.168.1.6

☐ d.192.168.1.7

Answers of examinees: a **Correct answer**

Correct answer:

a

QuestionScore:(2.0) Current Score: 2.0

42.Single

Which of the following multicast address represents all routers of the subnet?

☐ a.224.0.0.1

☐ b.224.0.0.2

☐ c.224.0.0.3

☐ d.224.0.0.9

Answers of examinees: d **Wrong answer**

Correct answer:

b

QuestionScore:(2.0) Current Score: 0.0

43.Single

The network address of the IP 190.233.27.13/16 is ()

☐ a.190.0.0.0

- ☐ b.190.233.0.0
- ☐ c.190.233.27.0
- ☐ d.190.233.27.1

Answers of examinees: b **Correct answer**

Correct answer:
b

QuestionScore:(2.0) Current Score: 2.0

44.Single

What does the distance vector routing protocol focus on according to the discovered routes and calculated routes?

- ☐ a.The number of hops on between the router and the destination
- ☐ b.The address of the next hop specified manually
- ☐ c.Whether the egress port on the route belongs to a port aggregation group
- ☐ d.Link bandwidth resource information

Answers of examinees: a **Correct answer**

Correct answer:
a

QuestionScore:(2.0) Current Score: 2.0

45.Single

Which of the following is abbreviation of VRP?

- ☐ a.Versatile Routine Platform
- ☐ b.Virtual Routing Platform
- ☐ c.Virtual Routing Plane
- ☐ d.Versatile Routing Platform

Answers of examinees: b **Wrong answer**

Correct answer:
d

QuestionScore:(2.0) Current Score: 0.0

46.Multiple Choice

In STP, the bridge ID consists of two parts. They are () and ().

- ☐ a.Switch priority
- ☐ b.Switch Port ID
- ☐ c.Switch MAC address
- ☐ d.Switch IP address

Answers of examinees: ac **Correct answer**

Correct answer:
ac

QuestionScore:(3.0) Current Score: 3.0

47.Multiple Choice

Two static routes to the 10.1.1.1/32 network are configured on a router. One of the static routes is not assigned with a value for the preference_value parameter; the other static route is assigned with 100 for the preference_value parameter. In this case, which of the following statements are true?

- ☐ a.The route not signed with a value for the preference_value parameter functions as the working route.
- ☐ b.The route signed with 100 for the preference_value parameter functions as the working route.
- ☐ c.A static route supports route backup.
- ☐ d.The two static routes work in load sharing mode.

Answers of examinees: bd **Wrong answer**

Correct answer:
ac

QuestionScore:(3.0) Current Score: 0.0

48.Multiple Choice

FTP session consists of two types of connections, they are()

- ☐ a.Output connection
- ☐ b.Input connection
- ☐ c.Control connection
- ☐ d.Data connection

Answers of examinees: cd **Correct answer**

Correct answer:
cd

49. Multiple Choice

Which of the following statements regarding OSPF area are incorrect?

- ☐ a. Without manual configuration, an OSPF area is a backbone area with area ID 0 by default.
- ☐ b. OSPF supports area division.
- ☐ c. Every OSPF area is identified by a 32-bit Area ID number.
- ☐ d. Area ID must be assigned by IANA and we can not simply assign it.

Answers of examinees: ab **Wrong answer**

Correct answer:
ad

50. Multiple Choice

Which of the following protocols reside at transport layer?

- ☐ a. IP
- ☐ b. TCP
- ☐ c. UDP
- ☐ d. SNMP

Answers of examinees: bc **Correct answer**

Correct answer:
bc

51. Multiple Choice

Which of the following functions does LCP provide?

- ☐ a. Negotiates to establish links.
- ☐ b. Negotiates to use which Layer 3 protocols.
- ☐ c. Disconnects a link when the idle timer of the link expires.
- ☐ d. Tests a link to check the link quality and thus to determine whether a link can be established.

Answers of examinees: cd **Wrong answer**

Correct answer:
acd

QuestionScore:(3.0) Current Score: 0.0

52. Multiple Choice

Which of the following protocols can be used for file transfer?

- ☐ a. FTP
- ☐ b. TFTP
- ☐ c. TELNET
- ☐ d. ICMP

Answers of examinees: ab **Correct answer**

Correct answer:
ab

QuestionScore:(3.0) Current Score: 3.0

53. Multiple Choice

Which of the following statements regarding RIP routing information are correct?

- ☐ a. User can specify the route preference of RIP higher than that of static routes.
- ☐ b. If the route calculated by other routing protocol which is imported by RIP does not specify the cost value, the cost value will be set as 1 by default
- ☐ c. User can specify the route preference value of RIP lower than that of direct routes.
- ☐ d. The route preference of RIP can not be configured manually.

Answers of examinees: acd **Wrong answer**

Correct answer:
ab

QuestionScore:(3.0) Current Score: 0.0

54. Multiple Choice

OSPF routers are classified into four types. Which of the following statements about interior routers (IRs) are true?

- ☐ a. The ports on an IR belong to a same area.
- ☐ b. An IR is located in the center of a physical area.
- ☐ c. Only one port on an IR connects to a backbone area.
- ☐ d. If all the ports on an IR belong to area 0, this IR functions as a backbone router.

Answers of examinees: a **Wrong answer**

Correct answer:
ad

QuestionScore:(3.0) Current Score: 0.0

55. Multiple Choice

Which of the following statements regarding default route are correct?

- ☐ a. Default route is a special type of dynamic route
- ☐ b. Some of the dynamic routing protocol such as OSPF can generate default routes.
- ☐ c. Default route is used when the destination network is not in the routing table.
- ☐ d. The network IP and mask of the default route is 0.0.0.0 and 0.0.0.0 respectively.

Answers of examinees: acd **Wrong answer**

Correct answer:
bcd

QuestionScore:(3.0) Current Score: 0.0

close