Huawei Certified Network Expert

1. onIPWhich statement is correct in terms of routing?

A. Routing isOSIThe concept of the second layer in the model.

B. Any route must include the following three parts of information: source address, destination address, and next hop.

C. In a local area network, routing includes the following two parts:IPAddress andMACaddress.

D. IPRouting is the guideIPPath information for packet forwarding.

Answer(s): D

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2. What is the next-generation development prospect of the access network?

A. expandPSTNApplications

B. Increase inADSLType of business transmitted on

C. Light advances and retreats

D. PromoteADSLTransmission distance, increase coverage radius

Answer(s): C

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3. Which of the following does not belong to the category of communication networks?

A. Telephone network

B. InternetThe internet

C. Radio and Television Network

D. State Grid

Answer(s): D

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4. Among the access technologies of the access network, which of the following access methods can provide the largest access bandwidth?

A. ADSL

B. ADSL 2+

C. VDSL

D. GPON

Answer(s): D

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5. Is the following description correct?
ICMPIs a link layer protocol,ICMPThe message is triggered by the physical layer, and then byIPLayer or higher layer protocol to respond.

A. True

B. False

Answer(s): B

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6. Is the following description correct?
It is impossible for a route in the routing table to have a mask of0.0.0.0Routing items.

A. True

B. False

Answer(s): B

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7. Is the following description correct?

In the routing table entries, for the same destination address and mask (Destination/Mask), can only correspond to the only next hop and outgoing interface(Nexthop/Interface).

A. True

B. False

Answer(s): B

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8. Is the following description correct?

MACAddress by48bitComposition, usually with12Bit16Hexadecimal representation, before6Bit16Base numbers are represented byIEEEResponsible for unified distribution, used to determine the uniqueness of the manufacturer, and later6Bit16The hexadecimal numbers are managed by each manufacturer.

A. True

B. False

Answer(s): A

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9. Is the following description correct?

TTLMainly to preventIPThe cyclic forwarding of packets in the network wastes network bandwidth.

A. True

B. False

Answer(s): A

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10. Is the following description correct?

The link layer defines electrical and mechanical processes and functions to activate, maintain, and remove lines when the systems at both ends are connected.

A. True

B. False

Answer(s): B

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11. The router mainly works inOSI.
Which layer in the model?

A. Physical layer

B. Link layer

C. Network layer

D. Transport layer

Answer(s): C

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12. IPA part of the fields in the message are specifically used to describe the life cycle of the message, namelyTTLValue, what is its maximum value?

A. 255

B. 256

C. 1023

D. 1024

Answer(s): A

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13. Is the following description correct?
LANThe transmission form is generally bus-based, and the most commonly used corresponding protocols are carrier sensing and collision detectionCSMA/CDprotocol.

A. True

B. False

Answer(s): A

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14. Is the following description correct?
Ethernet technology is a widely used technology, divided according to different transmission rates, there are10M,100M,1000MThree categories, of which10Mversus100MThe common transmission medium of Ethernet is twisted pair, but1000MDue to the high speed of Ethernet, optical fiber must be used as the transmission medium.

A. True

B. False

Answer(s): B

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15. Is the following description correct?
The computer in the local area network judges whether the received broadcast frame is what it should receive is to judge the source of the frameMACIs the address the same as the hardware address of the machine.

A. True

B. False

Answer(s): B

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16. Is the following description correct?
MACThe address is generally from each manufacturerIEEEYou can buy it, but you can also specify it yourself.

A. True

B. False

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17. Is the following description correct?

Computer network cardMACaddress isIETFUniformly assigned to each manufacturer, the only one in the world.

A. True

B. False

Answer(s): B

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18. Is the following description correct?

The speed standards of Fast Ethernet are100Base-TX,100Base- T4with100Base-FX.

A. True

B. False

Answer(s): A

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19. In Ethernet, what address is used to distinguish different devices?

A. LLCaddress

B. MACaddress

C. IPaddress

D. IPXaddress

Answer(s): B

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20. The Ethernet switch works inOSIWhich layer of the reference model?

A. Physical layer

B. data link layer

C. Network layer

D. Transport layer

Answer(s): B