**1.snmp component**

**2.pppoe session question**

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

A.2.5GHz

B.**2.4GHz**

C.**5GHz**

D.6GHz

**4.Which of the following protocols consist of the PPP protocol? (Multiple Choice)**

A.**LCP**

B.PPPoE

C.**NCP**

**D.Authentication protoco**

**5.The output information of the router R1 routing table is shown in the figure. Which of the following statements is correct? (Multiple Choice)**

**6.Which of the following description about the Router ID of OSPF is incorrect? (Multiple Choice)**

**A. Router ID must be the IP address of an interface on the router**

**B. The prerequisite for the normal operation of the OSPF protocol is that the router has a Router ID**

**C. The Router ID must be manually configured**

**D. The Router ID must be the same in the same area, and the Router ID in different areas can be different**

**7.What are the network types supported by the OSPF protocol? (Multiple Choice)**

**A.Point-to-Point**

**B.Non-Broadcast Multi-Access**

**C.Point-to-Multipoint**

**D.Broadcast**

**8. Which of the following statements about IPv6 multicast addresses are correct? (Multiple Choice)**

A. Provide redundant functions for services

B. Realize load sharing of services

C. The packet whose destination address is a multicast address will be sent to the nearest network

interface in the sense of routing

D. Multicast addresses and unicast addresses use the same address space

**9.. In which of the following network types does the OSPF protocol need to elect DR and BDR? (Multiple choice)**

A. Point to multipoint

B. NBMA

C. Point-to-point type

D. Broadcast type

**10.Which of the following fields does the ARP packet format include? (Multiple choice)**

A. HardwareType

B. Protocol Address of sender

C. Operation Code

**D. Protocol Type**

**11. authentication mechanisim use in telnet**

aaa

mc5

**12.If the Ethernet data frame Length/Type=0X0806, which of the following statement is correct?**

**(Multiple choice)**

A. The source MAC address of the data frame must not be FFFF-FFFF-FFFF

B. The data frame is an IEEE 802.3 frame

C. The data frame is an Ethernet II frame

D. The destination MAC address of the data frame may be FFFF-FFFF-FFFF

**13.The routing table is shown in the figure. Which of the following statements is correct? (Multiple**

**choice)**

A. The router forwards data packets with the destination IP address 10.0.3.3 from Ethernet0/0/0

B. Router from Ethernet0/0/0 forwarding destination IP address 10.0.2.2 packet

C. The router forwards data packets with the destination IP address 10.0.12.1 from Ethernet0/0/0

D. The NextHop of the destination network 10.0.3.3/32 is not directly connected, so the router will not forward packets with the destination IP address of 10.0.3.3.

**14.The network administrator uses Ping to test the connectivity of the network. Which of the following protocols may be used in this process? (Multiple choice)**

A.ICMP

B.UDP

C.TCP

D.ARP

**15.Which of the following port states does the RSTP protocol include? (Multiple choice)**

A.Learning

B.Discarding

C.Listening

D.Forwarding

**16.Which of the following types does IPv6 address contain? (Multiple choice)**

A. Unicast address

B. Broadcast address

C. Multicast address

D. Anycast address

**17.Which of the following statement about the transport layer protocol is correct? (Multiple choice)**

A. UDP is suitable for the transmission of delay-sensitive traffic, and can be reorganized according to the

sequence number field in the message header

B. The range of well-known port numbers is 0-1023

C. UDP uses the STNOACK flag to request and confirm the establishment of a connection

D. TCP establish a connection is a three-way handshake process, TCP terminates the connection will

have to go through four-way handshake

**20.if the root pot faild which port is use as back up(single answer)**

alternative

edge

backup

forward

**21. function of the DHCP is only DNS services**

true false

**22.in vrp system -i is use for?**

**23.when in complete command found**

**24.Which of the following description are wrong about the Forwarding state in the spanning tree**

**protocol? (Multiple choice)**

A. The port in the Forwarding state can forward data packets

B. The port in the Forwarding state does not learn the source MAC address of the packet

C. Ports in Forwarding state can receive BPDU packets

D. The port in the Forwarding state will definitely send BPDU packets

**25.n the STP protocol, which of the following factors will affect the election of the root switch? (Multiple choice)**

A. The IP address of the switch

B. Switch interface ID

C. Switch interface bandwidth port

D. Switch priority

E. MAC address of the switch

**26. prioity of OSPF**

**27.On interfaces that use PPP as the data link layer protocol, you can configure static routes by specifying the next hop address or outbound interface.**

A.True

B.False

**28.SNMPv1 defines 5 protocol operations.**

A.True

B.False