

Computer network test with answer P11

Continue the series of tests on computer networks, in this section I will increase the number of questions for you to try to test your computer network knowledge. Do not skip the previous network quiz section again.

1. Question 1: The commonly used protocol on the Internet is:
 1. Ethernet
 2. TCP / IP
 3. OSI
 4. IEEE
2. Question 2: Hub is the operating device at the top of OSI model:
 1. Data Link floor
 2. Network floor
 3. Transport floor
 4. Physical floor
3. Question 3: A 100Mbps Hub has 12 ports, the speed of each port will be:
 1. Maximum 100Mbps when 12 computers are plugged into the Hub
 2. Minimum of 100Mbps when only one computer plugs into the Hub
 3. Maximum 100Mbps when only one computer plugs into the Hub
 4. Minimum of 8.3Mbps when 12 computers are plugged into the Hub
4. Question 4: What kind of device does the NIC operate in the OSI model:
 1. Grade 4
 2. Grade 3
 3. Grade 2
 4. Grade 1
5. Question 5: Switch is the device that operates in any layer of the OSI model:
 1. Grade 4
 2. Grade 3
 3. Grade 2
 4. Grade 1
6. Question 6: Topologies commonly used in LANs:
 1. Ethernetbus
 2. Token Ring
 3. Token bus
 4. Bus
7. Question 7: To connect two computers directly, we can use:
 1. Rollover Cable
 2. Cross-Cable
 3. Straight Cable
 4. None of the above

Refer to: How to connect 2 laptops by network cable

8. Question 8: How many layers of OSI classification model:

1. 2
2. 3
3. 5
4. 7

Further reference: Check knowledge of OSI model

9. Question 9: The unit of protocol data in the OSI model is called:
 1. Frame
 2. Packet
 3. PDU
 4. CSU

PDU stands for Protocol Data Unit.
10. Question 10: The order of packing data when passing through OSI model:
 1. Data, Segment, Packet, Frame, Bit
 2. Data, Segment, Frame, Packet, Bit
 3. Data, Packet, Segment, Bit, Frame
 4. Data, Packet, Segment, Frame, Bit
11. Question 11: If you take a class B address to divide Subnet with Netmask is 255.255.240.0, how many subnets can be used (useable subnets)? $240 = 11110000/2$
 1. 2
 2. 6
 3. 16 or 14
 4. 30
12. Question 12: Which network device is used to connect networks and control broadcast?
 1. Ethernet switch
 2. Bridge
 3. Hub
 4. Router
13. Question 13: Which address is the broadcast address of class 2?
 1. 111.111.111.111
 2. AAAA.AAAA.AAAA
 3. FFFF.FFFF.FFFF
 4. 255.255.255.255

FFFF.FFFF.FFFF (11111111. 11111111. 11111111. 11111111. 11111111. 11111111/2)
14. Question 14: Which address is used by SWITCH when deciding which port to send data to?
 1. Destination MAC address
 2. Source MAC address
 3. Subnetwork address
 4. Network address
15. Ques 15: A subnet of Class C borrows 5 bits to divide Subnet, then SubnetMask will be:
 1. 55.255.255.1
 2. 255.255.224.0
 3. 255.255.255.128
 4. 255.255.255.248

255.255.255.248 (11111000/2 = 248)
16. Question 16: Which network interface card (NIC) is in the OSI model?
 1. Layer 4
 2. Layer 3
 3. Layer 2
 4. Layer 1

17. Question 17: How many IP addresses are needed for 4 PCs connected to each other via HUB?
1. first
 2. 2
 3. 3
 4. 4
18. Question 18: What layer does Routers work in in the OSI model?
1. Layer 1
 2. Layer 2
 3. Layer 3
 4. Layer 4
19. Question 19: What is the maximum permitted length when using UTP network cables?
1. ten
 2. 100
 3. 200
 4. 600
20. Question 20: How many collision domains are there in the network including 88 computers, 10 HUBs and 2 REPEATERS?
1. 0
 2. first
 3. twelfth
 4. 15

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