1. (Single) When the device obtains an IP address for the first time when the DHCP protocol is used, in which form is the DHCP request packet sent?（ C ）
2. Unicast
3. Multicast
4. Broadcast
5. Anycast
6. (Multiple) The FTP protocol has two modes: active mode and passive mode. Which of the following port numbers are used in active mode?（ AB ）
7. 20
8. 21
9. 23
10. 25
11. (Multiple) What are the advantages of using Dynamic Host Configuration Protocol (DHCP) to assign IP addresses?（ ABCD ）
12. High IP address usage
13. Avoid IP address conflict
14. Small workload for administrators
15. High flexibility
16. (True or False) HTTP, DNS, DHCP, and NTP are UDP-based protocols.（ D ）
17. True
18. False
19. (True or False) The master time server in the NTP network architecture synchronizes with the standard reference clock through cables or radios.（ A ）
20. True
21. False
22. Which FTP mode is recommended for transferring log and configuration files on network devices? Why?
23. Why does a DHCP client need to send a DHCP Request packet to the DHCP server to notify its use of a particular IP address after receiving a DHCP Offer packet?
24. What are the functions of HTML, URL, and HTTP?