Choice questions:

1. A router is responsible for:
2. Keeping up to date of routing tables using routing algorithms.
3. Changing information with other adjacent routers.
4. Transiting the traffic from a network in other network.
5. Which of the following system calls are optional:
6. socket();
7. listen();
8. bind();
9. connect().
10. Which of the following addresses must be identical for all computers located in the same local network:
11. Network address;
12. IP address;
13. Broadcast address;
14. MAC address.
15. Which of the following IPs can be set on a system as DNS server:
16. 127.0.0.1;
17. 193.2.31.20;
18. 192.168.2.2;
19. 255.255.255.0.
20. Which of the following addresses is a valid MAC address:
21. 00-ab-29-fg-17-39;
22. 00:65:2d:4f:3c:9b;
23. 01:23:45:67:89:ab
24. 01-23-45-67-89-ab.
25. UDP is located at \_\_ level.
26. Physical and data link.
27. Application.
28. Network.
29. Transport.

Complete the blanks

1. Can a DNS server have a false IP address? \_\_
2. Network address can be determined using \_\_.
3. OSI model presents \_\_ levels.

True or False:

1. Firstly, at division in subnets, we allocate IPs for the subnet with the most IPs.
2. The IP address can be determined using the network address and broadcast address.
3. The network address can be determined using the IP address and netmask.
4. The network address can be determined using the broadcast address and netmask.
5. The netmask can be determined using the IP address and broadcast address.
6. The IP address can be determined using the broadcast address and netmask.