Comănac Dragoș-Mihail – group 922

1. The DNS server set on a computer from Romania:

    a. must be located only in Romania

    b. can be located in China

    c. can only translate IP addresses used in Romania

    d. can respond from computers that are not in Romania

2. The listen system call is specific to:

    a. client

    b. server

    c. both client and server

    d. none of the above

3. In the TCP/IP model the TCP and UDP protocols belong to the:

    a. Physical + data link layer

    b. Network layer

    c. Transport layer

    d. Application layer

4. Which of the following are properties of a class of addresses:

    a. The size of the class must be a multiple of 2

    b. The size of the class must be a multiple of 16

    c. The last byte in the last address of a class must always be 255

    d. The class must start at a multiple of the class size

5. Which of the following protocols belong to Application level

    a. DNS

    b. ICMP

    c. SMTP

    d. ARP

6. The following networks 192.168.6.64/26 and 192.168.6.128/26:

   a. can be aggregated into a network of size 128

   b. cannot be aggregated into a network of size 128

   c. are private networks

   d. are public networks

7. The header of the IP datagram contains:

   a. The source IP address

   b. The source port

   c. The destination IP address

   d. The destination port

8. A class of size 256 can be decomposed in:

   a. 2 subclasses

   b. 3 subclasses

   c. 4 subclasses

   d. 5 subclasses

9. How many networks with netmask 255.240.0.0 can be formed from the private addresses:

   a. 17

   b. 16

   c. 1

   d. 15

10. The network mask can be computed from:

   a. IP address and network address

   b. IP address and broadcast address

   c. two IP addresses

   d. the network address and the broadcast address