Test on computer network with answer P9

Computer network is a group of computer devices connected to each other through twisted cables, electromagnetic waves ... to share data for each other. Today day computer networks are widely used. In the article below, Network Administrator will help you find out more about this topic through multiple choice questions.

1. Question 1. Having a network using Class B address, you want to divide the subnet with each Subnet with a maximum of 500 hosts, so use Subnet Mask:
    1. 11111111.11111111.11111110.00 million
    2. 11111111.11111111.11111111.00000000
    3. 11111111.11111111.11111100.00000000
    4. 11111111.11111111.11111111.11000000
2. Question 2. A network node has the following IP address parameters: 194.12.2.179/255.255.255.240. Determine the number of Subnet that this host belongs to and the host number of the network node:
    1. Subnet 111100002, host number 179
    2. Subnet 010101012, hostnumber 12
    3. Subnet 10110000/2, host number 3
    4. Subnet 111100002, host number 11

    (240 = 11110000/2, borrow 4 bits, increment is 16, IP address of the network is 176 = 10110000/2, host address is 179 - 176 = 3)
3. Question 3. A network with the address of Class B and using Subnet Mask is 255.255.252.0, so how many Subnet can be divided?
    1. 16
    2. 32
    3. sixty four
    4. 128
4. Question 4. A network with the address of Class C and using the Subnet Mask is 255.255.255.252. How many hosts are there on a Subnet?
    1. 6
    2. 2
    3. 4
    4. Invalid Subnet Mask
5. Question 5. The main function of Presentation layer is:
    1. Fixes
    2. Transfer data to the appropriate format
    3. Numbering data packets
    4. Control data flow
6. Question 6. For a host with an IP address of 217.65.82.153, the Subnet Mask is 255.255.255.248. Please indicate the network node of the same subnet with this button: 248 = 111110002
    1. 217.65.82.156
    2. 217.65.82.151

3. 217.65.82.152
4. 217.65.82.160

7. Question 7. A class B network needs to be divided into 9 subnets, must use Subnet Mask:
    1. 255.255.224.0
    2. 255.0.0.255
    3. 255.255.240.0
    4. 255.255.255.224
8. Question 8. A class C network needs to be divided into 5 subnets, using the following Subnet Mask:
    1. 255.255.224.0
    2. 255.0.0.224
    3. 255.224.255.0
    4. 255.255.255.224
9. Question 9. A class C network needs to be divided into 2 subnets, using the following Subnet Mask:
    1. 255.255.224.0
    2. 255.0.0.255
    3. 255.255.255.192
    4. 255.255.255.224
10. Question 10. A class A subnet needs to contain at least 255 hosts, use the following Subnet Mask:
    1. 255.255.254.0
    2. 255.0.0.255
    3. 255.255.255.240
    4. 255.255.255.192