

Networks- QUIZZ 2

1. What is the decimal number corresponding to the following binary representation 11010101 ?
 - a) 245
 - b) 213
 - c) 209
2. In the network 10.0.0.0/24 a gateway can be
 - a) 10.0.1.0
 - b) 10.0.0.255
 - c) 10.255.255.255
 - d) 10.0.0.1
3. What is the broadcast address of the following network: 10.0.0.0/23
 - a) 10.0.0.255
 - b) 10.0.1.255
 - c) 10.255.255.255
4. Select the true statement
 - a) The subnet mask has to be different from a subnet to another
 - b) The subnet mask only depends on the size (number of hosts) of the subnet
 - c) Two hosts belonging to the same subnet can have different subnet masks
5. Select the true statement
 - a) The address class A has the biggest number of hosts
 - b) The address class A has the biggest number of networks
 - c) In the address class A, the number of hosts and networks are equal
6. Choose the most suitable network address to configure a network with 22 hosts
 - a) 10.0.0.0/24
 - b) 10.0.0.0/27
 - c) 10.0.0.0/30
7. Choose the correct subnet mask of the following subnet 10.0.0.0/22
 - a) 255.255.253.0
 - b) 255.255.192.0
 - c) 255.255.0.22
8. Choose the correct host address belonging to the subnet 10.0.64.0/18
 - a) 10.0.130.0
 - b) 10.0.96.255
 - c) 10.0.32.0
9. Choose the correct IPv6 address
 - a) 3ffe:6a88:85a3:08d3:1319:8a2e:0370:2578

- b) 3ffe:6a88:85a3:08d3:1319:8a2e:0370
- c) 3ffe:6a88:85a3:08d3:1319:8a2n:0370:2578
- d) 3ffe:6a88:85a3:08d3:1319:8a2n:0370:2578

10. Choose the correct private IP address

- a) 172.15.0.0
- b) 192.0.0.1
- c) 10.1.2.3