Ministry of Communications and Information Technology
Information Technology Institute
Alexandria Branch

Computer Networks Quiz

Name: …….. Group: ……. Time allowed: 15 minutes

Question 1: Choose the correct answer: (10 Marks)

1- A socket address can help us to define a ……..
   a. Server machine on the network.
   b. A sever service on a certain server on the network.
   c. The transport layer protocol on the server.
   d. None of the above.
2- You have an interface on a router with the IP address of 192.168.192.10 and subnetmask 255.255.255.248. What is the broadcast address the hosts will use on this LAN?
   a. 192.168.192.15
   b. 192.168.192.31
   c. 192.168.192.63
   d. 192.168.192.127
3- Layer 3 switches forwards traffic based on …..
   a. IP addresses
   b. MAC addresses
   c. Port addresses
   d. Socket addresses.
4- Switches create separate …….
   a. Broadcast domains
   b. Collision domains
   c. IP subnets
   d. Routing algorithms
5- ARP protocol uses …… to send ARP queries (requests).
   a. Unicast
   b. Multicast
   c. Broadcast
   d. RARP
6- The minimum size of an IP header is …….
   a. 10 bytes
   b. 20 bytes
   c. 40 bytes
   d. 60 bytes
7- IP transports data in packets called ……..
   a. Datagram
   b. Segment
   c. User datagram

d. fragment