

SILIGURI INSTITUTE OF TECHNOLOGY-DEPT. OF ECE  
SUBJECT:-COMPUTER NETWORK-(EC 602)  
QUIZ-1 (CA1)

Name:

Roll No:

1. The fourth layer of OSI layer is: [CO1]
  - a. Physical Layer
  - b. Network Layer
  - c. Transport Layer
  - d. Application Layer
2. In which topology , we use Tap and Line [CO1]
  - a. Bus topology
  - b. Ring topology
  - c. Mesh topology
  - d. Hybrid topology
3. Which can read data and convert them to a form that a computer can use? [CO1]
  - a. Control
  - b. Input device
  - c. Storage
  - d. Logic
4. One of the example of Un-guided media is: [CO1]
  - a. Optical-fibre cable
  - b. Microwave
  - c. Co-axial cable
  - d. Fibre-optic cable
5. Several computers linked to share programs and storage space [CO1]
  - a. Library
  - b. Network
  - c. Grouping
  - d. integrated system
6. Which of the following communications modes support two-way traffic but in only one direction of a time? [CO1]
  - a. Simplex
  - b. Full duplex
  - c. Half duplex
  - d. None of the above
7. If we have two code words  $c_1=101010$  and  $c_2=110001$ , then [CO2]
  - a.  $W_{\min}=4$   $d_{\min}=4$   $s \geq 3$   $t \geq 2$
  - b.  $W_{\min}=3$   $d_{\min}=3$   $s \geq 2$   $t \geq 2$
  - c.  $W_{\min}=3$   $d_{\min}=4$   $s \geq 3$   $t \geq 1$
  - d.  $W_{\min}=2$   $d_{\min}=4$   $s \geq 2$   $t \geq 1$
8. What is the function of network layer? [CO3]
  - a. Physical addressing
  - b. logical addressing
  - c. all of the above
  - d. none of a and b
9. What will be the range for Class C? [CO3]
  - a. 0-128
  - b. 128-191
  - c. 192-223
  - d. 224-240
10. What will be the first address for the given IP address 193.44.82.16/28. [CO3]
  - a.193.44.82.16.0
  - b.193.44.82.16.1
  - c.193.44.82.16.10
  - d.193.44.82.16.01
11. What is the net ID and host ID for the given address 207.3.54.12. [CO3]
  - a. NET ID=3 byte HOST ID=1 byte
  - b. NET ID=2 byte HOST ID=2 byte
  - c. NET ID=4 byte HOST ID=0 byte
  - d. NET ID= 1byte HOST ID=3 byte