

USCS403 COMPUTER NETWORKS SAMPLE QUESTIONS

1. Communication between a computer and a keyboard involves _____ transmission.

- a) Automatic
- b) Half-duplex
- c) Full-duplex
- d) Simplex

2. The first Network was called _____

- a) CNET
- b) NSFNET
- c) ASAPNET
- d) ARPANET

3. Which data communication method is used to send data over a serial communication link?

- (A) simplex
- (B) half duplex
- (C) full duplex
- (D) all of these

4. Coaxial cable has conductors with....

- (A) a common axis
- (B) equal resistance
- (C) the same diameter
- (D) none of these

5. What is the main difference between synchronous and asynchronous transmission?

- (A) band width required is different.
- (B) pulse height is different.
- (C) clocking is derived from the data in synchronous transmission.
- (D) clocking is mixed with data in asynchronous transmission.

6. _____ augments the CSMA algorithm to detect collision.

- A) CSMA/CD
- B) CSMA/CA
- C) either (a) or (b)
- D) both (a) and (b)

7. A distributed network configuration in which all data/information pass through a central

computer is

- a) Bus network
- b) Star network
- c) Ring network
- d) Point-to-point network

8. Which of the following communications modes support two-way traffic but in only one

direction of a time?

- a) Simplex
- b) Half-duplex
- c) Three-quarters duplex
- d) Full duplex

9. In a _____ scheme, all the signal levels are on one side of the time axis, either above or below.

- a) polar
- b) bipolar
- c) unipolar
- d) all of these

10. In _____, the level of the voltage determines the value of the bit.

- a) NRZ-I
- b) NRZ-L
- c) both NRZ-I and NRZ-L
- d) neither NRZ-I and NRZ-L

11. An internet is a

- a) Collection of WANS
- b) Collection of identical LANS and WANS
- c) Network of networks
- d) Collection of LANS

12. Routing tables of a router keeps track of

MAC Address Assignments

Port Assignments to network devices

Distribute IP address to network devices

Routes to use for forwarding data to its destination

13. Protocols are

- [A] Agreements on how communication components and DTE's are to communicate
- [B] Logical communication channels for transferring data
- [C] Physical communication channels used for transferring data
- [D] None of these

14. The method of communication in which transaction takes place in both directions, but only in one direction at a time, is called ?

- [A] Simplex
- [B] Four wire circuit
- [C] Full duplex
- [D] Half-duplex

15. Loss in signal power as light travels down the fiber is called?

- [A] Attenuation
- [B] Propagation
- [C] Scattering
- [D] Interruption