

# Computer Networks

## SET-21

By

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1. Application layer is implemented in \_\_\_\_\_
  - A. end system
  - B. nic
  - C. ethernet
  - D. packet transport
2. Which network topology requires a central controller or hub?
  - A. star
  - B. mesh
  - C. ring
  - D. bus
3. Fiber optics posses following properties \_\_\_\_\_
  - A. immune electromagnetic interference
  - B. very less signal attenuation
  - C. very hard to tap
  - D. all of the mentioned
4. The physical layer provides \_\_\_\_\_
  - A. mechanical specifications of electrical connectors and cables
  - B. electrical specification of transmission line signal level
  - C. specification for ir over optical fiber
  - D. all of the mentioned
5. Datagram networks mainly refers to \_\_\_\_\_
  - A. connection oriented networks
  - B. connection less networks
  - C. telephone networks
  - D. internetwork

6. Which of the following is not correct in relation to multi-destination routing?
- A. is same as broadcast routing
  - B. contains the list of all destinations
  - C. data is not sent by packets
  - D. there are multiple receivers
7. Which of the following are transport layer protocols used in networking?
- A. tcp and ftp
  - B. udp and http
  - C. tcp and udp
  - D. http and ftp
8. Which of the following computer networks is built on the top of another network?
- A. prior network
  - B. chief network
  - C. prime network
  - D. overlay network
9. Network congestion occurs \_\_\_\_\_
- A. in case of traffic overloading
  - B. when a system terminates
  - C. when connection between two nodes terminates
  - D. in case of transfer failure
10. HFC contains \_\_\_\_\_
- A. fibre cable
  - B. coaxial cable
  - C. a combination of fibre cable and coaxial cable
  - D. twisted pair cable

11. Which of the following factors affect transmission rate in DSL?
- A. the gauge of the twisted-pair line
  - B. degree of electrical interference
  - C. shadow fading
  - D. the gauge of the twisted-pair line and degree of electrical interference
12. TCP/IP model does not have \_\_\_\_\_ layer but OSI model have this layer.
- A. session layer
  - B. transport layer
  - C. application layer
  - D. network layer
13. Which layer provides the services to user?
- A. application layer
  - B. session layer
  - C. presentation layer
  - D. physical layer
14. Header of a frame generally contains \_\_\_\_\_
- A. synchronization bytes
  - B. addresses
  - C. frame identifier
  - D. all of the mentioned
15. A 4 byte IP address consists of \_\_\_\_\_
- A. only network address
  - B. only host address
  - C. network address & host address
  - D. network address & mac address
16. In TDM, slots are further divided into \_\_\_\_\_
- A. seconds

- A. frames
- B. packets
- C. bits

17. Multiplexing provides \_\_\_\_\_

- A. efficiency
- B. privacy
- C. anti jamming
- D. both efficiency & privacy

18. \_\_\_\_\_ allows LAN users to share computer programs and data.

- A. communication server
- B. print server
- C. file server
- D. network

19. What is the central device in star topology?

- A. stp server
- B. hub/switch
- C. pdc
- D. router

20. Packet sniffers involve \_\_\_\_\_

- A. active receiver
- B. passive receiver
- C. legal receiver
- D. partially-active receiver

21. A local telephone network is an example of a \_\_\_\_\_ network.

- A. packet switched
- B. circuit switched
- C. bit switched
- D. line switched

22. Which is not a application layer protocol?

- A. http
- B. smtp
- C. ftp
- D. tcp

23. Pick the odd one out.

- A. file transfer
- B. file download
- C. e-mail
- D. interactive games

24. The \_\_\_\_\_ translates internet domain and host names to IP address.

- A. domain name system
- B. routing information protocol
- C. network time protocol
- D. internet relay chat

25. The first line of HTTP request message is called \_\_\_\_\_

- A. request line
- B. header line
- C. status line
- D. entity line

ANSWER					
1.	A	11.	D	21.	B
2.	A	12.	A	22.	D
3.	D	13.	A	23.	D
4.	D	14.	D	24.	A
5.	B	15.	C	25.	A
6.	C	16.	B		
7.	C	17.	D		
8.	D	18.	C		
9.	A	19.	B		
10.	C	20.	B		