

# Computer Networks

## SET-49

By

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1. The process of assigning the IP address for specific times to the various hosts by DHCP is called?
  - A. Lend
  - B. sublease
  - C. let
  - D. Lease
2. ARP works on Ethernet networks.
  - A. False
  - B. True
  - C. none
  - D. other
3. Which of the following is true for secure shell tunneling?
  - A. To set up an SSH tunnel, one configures an SSH client to forward a specified local port
  - B. SSH tunnels provide a means to not bypass firewalls
  - C. All SSH clients support dynamic port forwarding
  - D. Both A and B
4. is added to data packet for error detection.
  - A. checksum bit
  - B. error bit
  - C. parity bit
  - D. other
5. MAC addressing works in data link layer while IP addressing works in the network layer.
  - A. True
  - B. False
  - C. none

- D. other
6. Which protocol below operates at the network layer in the OSI model?
- A. IP
  - B. ICMP
  - C. RARP
  - D. All of the above
7. Which of the following can be an Ethernet physical address?
- A. 01:02:01:2C:4B
  - B. 07:01:02:01:2C:4B:2C
  - C. 07:01:02:01:2C:4B
  - D. none of the above
8. What is the network ID for a computer whose IP address is 190.148.64.23?
- A. 190
  - B. 190.148
  - C. 190.148.64
  - D. None of the above
9. Which of the followings is not a direct implication of subnet masks in TCP/IP networks?
- A. Reduce network traffic
  - B. Increase network security
  - C. Assignment of more IP addresses
  - D. Better network management
10. A set of rules that governs data communication.
- A. Protocols
  - B. Standards
  - C. RFCs
  - D. Servers



- 11. The number of layers in ISO OSI reference model is**
- A. 5
  - B. 7
  - C. 6
  - D. 10
- 12. In TCP IP Model, when data is sent from device A to device B, the 5th layer to receive data at B is**
- A. Application layer
  - B. Transport layer
  - C. Link layer
  - D. Session layer
- 13. What is a Firewall in Computer Network?**
- A. The physical boundary of Network
  - B. An operating System of Computer Network
  - C. A system designed to prevent unauthorized access
  - D. A web browsing Software
- 14. The Internet is an example of**
- A. Cell switched network
  - B. circuit switched network
  - C. Packet switched network
  - D. All of above
- 15. Which of the following is reliable communication?**
- A. TCP
  - B. IP
  - C. UPD
  - D. All of them
- 16. Which of the following TCP/IP protocol is used for transferring electronic mail messages from one machine to another?**

- A. FTP
- B. SNMP
- C. SMTP
- D. RPC

**17. Which one of the following routing algorithm can be used for network layer design?**

- A. shortest path algorithm
- B. distance vector routing
- C. link state routing
- D. all of the mentioned

**18. A is a TCP name for a transport service access point.**

- A. port
- B. pipe
- C. node
- D. none of the mentioned

**19. This is a time-sensitive service:**

- A. File transfer
- B. File download
- C. E-mail
- D. Internet telephony

**20. In an Ethernet local area network, which one of the following statements is TRUE?**

- A. A station stops to sense the channel once it starts transmitting a frame.
- B. The purpose of the jamming signal is to pad the frames that are smaller than the minimum frame size.
- C. A station continues to transmit the packet even after the collision is detected.

- D. The exponential back off mechanism reduces the probability of collision on retransmissions

**21. The performance of a data communication network depends on**

- A. The number of users
- B. The transmission media
- C. The hardware and software
- D. All of the above

**22. In CRC there is no error if the remainder at the receiver is .**

- A. equal to the remainder at the sender
- B. zero
- C. nonzero
- D. the quotient at the sender

**23. A modulator converts a signal to a(n) signal.**

- A. FSK; PSK
- B. PSK; FSK
- C. analog; digital
- D. digital; analog

**24. What does the acronym ISDN stand for?**

- A. Indian Standard Digital Network
- B. Integrated Services Digital Network
- C. Intelligent Services Digital Network
- D. Integrated Services Data Network

**25. Which Layer is Responsible for Congestion Control?**

- A. Network Layer
- B. Data link Layer
- C. Transport Layer
- D. Application layer



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