

# Computer Networks

## SET-40

By

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1. Which of the following is true with respect to the delay in datagram networks?
  - A. delay is greater than in a virtual circuit network
  - B. each packet may experience a wait at a switch
  - C. delay is not uniform for the packets of a message
  - D. all of the mentioned
2. A proxy firewall filters at \_\_\_\_\_
  - A. physical layer
  - B. data link layer
  - C. network layer
  - D. application layer
3. Which of the following networks supports pipelining effect?
  - A. circuit-switched networks
  - B. message-switched networks
  - C. packet-switched networks
  - D. stream-switched networks
4. ICMP is used in \_\_\_\_\_
  - A. ping
  - B. traceroute
  - C. ifconfig
  - D. both ping & traceroute
5. Ethernet frame consists of \_\_\_\_\_
  - A. mac address
  - B. ip address
  - C. default mask
  - D. network address

6. High speed ethernet works on \_\_\_\_\_

- A. coaxial cable
- B. twisted pair cable
- C. optical fiber
- D. unshielded twisted pair cable

7. A wireless network interface controller can work in \_\_\_\_\_

- A. infrastructure mode
- B. ad-hoc mode
- C. both infrastructure mode and ad-hoc mode
- D. wds mode

8. What is WPA?

- A. wi-fi protected access
- B. wired protected access
- C. wired process access
- D. wi-fi process access

9. The size of an IP address in IPv6 is \_\_\_\_\_

- A. 32 bits
- B. 64 bits
- C. 128 bits
- D. 265 bits

10. An interconnected collection of piconet is called \_\_\_\_\_

- A. scatternet
- B. micronet
- C. mininet
- D. multinet

11. In a piconet, one master device \_\_\_\_\_

- A. can not be slave
- B. can be slave in another piconet



- A. can be slave in the same piconet
- B. can be master in another piconet

**12. WiMAX provides \_\_\_\_\_**

- A. simplex communication
- B. half duplex communication
- C. full duplex communication
- D. no communication

**13. WiMAX provides \_\_\_\_\_**

- A. voip services
- B. iptv services
- C. both voip and iptv services
- D. no iptv services

**14. The path layer of SONET is responsible for the movement of a signal \_\_\_\_\_**

- A. from its optical source to its optical destination
- B. across a physical line
- C. across a physical section
- D. back to its optical source

**15. A unidirectional path switching ring is a network with \_\_\_\_\_**

- A. one ring
- B. two rings
- C. three rings
- D. four rings

**16. An RTP session is established for \_\_\_\_\_**

- A. each media stream
- B. all media streams
- C. some predefined number of media streams
- D. no media stream

**17. An RPC (remote procedure call) is initiated by the**

- \_\_\_\_\_
- A. server
- B. client
- C. client after the sever
- D. a third party

**18. A remote procedure is uniquely identified by \_\_\_\_\_**

- A. program number
- B. version number
- C. procedure number
- D. all of the mentioned

**19. At which two traffic layers do most commercial IDSes generate signatures?**

- A. application layer and network layer
- B. network layer and session layer
- C. transport layer and application layer
- D. transport layer and network layer

**20. A Link Control Protocol (LCP) is used for \_\_\_\_\_**

- A. establishing, configuring and testing the data-link connection
- B. establishing and configuring different network-layer protocols
- C. testing the different network-layer protocols
- D. provides for multiplexing of different network-layer protocols

**21. EIGRP sends a hello message after every \_\_\_\_\_ seconds.**

- A. 5 seconds (lan), 60 seconds (wan)
- B. 5 seconds (lan), 5 seconds (wan)
- C. 15s

D. 180s

**22. EIGRP uses the \_\_\_\_\_ algorithm for finding shortest path.**

- A. spf
- B. dual
- C. linkstat
- D. djikstra's

**23. Ping command works on which protocol?**

- A. ICMP
- B. TCP
- C. IP
- D. UDP

**24. From the options below, which suits best for MODEM?**

- A. a device that modulates an analog carrier signal to encode digital information
- B. a device that modulates a digital carrier signal to encode analog information
- C. a device that modulates an analog carrier signal to decode digital information
- D. a device that modulates a digital carrier signal to decode analog information

**25. A stream socket provides communications between a client and a server?**

- A. One way
- B. Two way
- C. none
- D. other



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