

Computer Networks

SET-20

By

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1. **ONT is connected to splitter using**
 - A. high speed fibre cable
 - B. hfc
 - C. optical cable
 - D. none of the mentioned
2. **If link transmits 4000frames per second, and each slot has 8 bits,the transmission rate of circuit this TDM is**
 - A. 32kbps
 - B. 500bps
 - C. 500kbps
 - D. none of the mentioned
3. **Multiplexing technique that shifts each signal to a different carrier frequency**
 - A. fdm
 - B. tdm
 - C. either a or b
 - D. both a and b
4. **Data communication system within a building or campus is**
 - A. lan
 - B. wan
 - C. man
 - D. none of the mentioned
5. **Method(s) to move data through a network of links and switches**
 - A. packet switching
 - B. circuit switching
 - C. line switching
 - D. both a and b

6. Internet access by transmitting digital data over the wires of a local telephone network is provided by
- A. leased line
 - B. digital subscriber line
 - C. digital signal line
 - D. none of the mentioned
7. Which one of the following is not an application layer protocol used in internet?
- A. remote procedure call
 - B. internet relay chat
 - C. resource reservation protocol
 - D. none of the mentioned
8. Which one of the following algorithm is not used in asymmetric key cryptography?
- A. rsa algorithm
 - B. diffie-hellman algorithm
 - C. electronic code book algorithm
 - D. none of the mentioned
9. Voice privacy in GSM cellular telephone protocol is provided by
- A. a5/2 cipher
 - B. b5/4 cipher
 - C. b5/6 cipher
 - D. b5/8 cipher
10. The DoS attack is which the attacker establishes a large number of half-open or fully open TCP connections at the target host
- A. vulnerability attack
 - B. bandwidth flooding
 - C. connection flooding

D. all of the mentioned

11. DHCP (dynamic host configuration protocol) provides _____ to the client.

- A. ip address
- B. mac address
- C. url
- D. none of the mentioned

12. The DHCP server can provide the _____ of the IP addresses.

- A. dynamic allocation
- B. automatic allocation
- C. static allocation
- D. all of the mentioned

13. Real-time transport protocol (RTP) is mostly used in

- A. streaming media
- B. video teleconference
- C. television services
- D. all of the mentioned

14. RTP can use

- A. unprevileged udp ports
- B. stream control transmission protocol
- C. datagram congestion control protocol
- D. all of the mentioned

15. Ping can

- A. measure round-trip time
- B. report packet loss
- C. report latency
- D. all of the mentioned

16. If you want to find the number of routers between a source and destination, the utility to be used is.
- A. route
 - B. ipconfig
 - C. ifconfig
 - D. traceroute
17. FTP is built on _____ architecture
- A. client-server
 - B. p2p
 - C. both of the mentioned
 - D. none of the mentioned
18. The commands, from client to server, and replies, from server to client, are sent across the control connection in _____ bit ASCII format
- A. 8
 - B. 7
 - C. 3
 - D. 5
19. The default connection type used by HTTP is _____
- A. persistent
 - B. non-persistent
 - C. either of the mentioned
 - D. none of the mentioned
20. The values GET, POST, HEAD etc are specified in _____ of HTTP message
- A. request line
 - B. header line
 - C. status line
 - D. entity body

21. The conditional GET mechanism

- A. imposes conditions on the objects to be requested
- B. limits the number of response from a server
- C. helps to keep a cache upto date
- D. none of the mentioned

22. If the value in protocol field is 17, the transport layer protocol used is ____.

- A. tcp
- B. udp
- C. either of the mentioned
- D. none of the mentioned

23. Which field helps to check rearrangement of the fragments?

- A. offset
- B. flag
- C. ttl
- D. identifier

24. These are the features present in IPv4 but not in IPv6.

- A. fragmentation
- B. header checksum
- C. options
- D. all of the mentioned

25. _____ media is a communication medium which allows the data to get guided along it.

- A. transparent
- B. cable
- C. guided
- D. glass

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