

Computer Networks

SET-12

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1. If there are n signal sources of same data rate than TDM link has _____ slots
 - A. n
 - B. $n/2$
 - C. $n*2$
 - D. 2^n
2. In TDM, slots are further divided into
 - A. Seconds
 - B. Frames
 - C. Packets
 - D. none of the mentioned
3. Data communication system spanning states, countries, or the whole world is
 - A. Lan
 - B. Wan
 - C. Man
 - D. none of the mentioned
4. If there are N routers from source to destination, total end to end delay in sending packet $P(L \rightarrow \text{number of bits in the packet } R \rightarrow \text{transmission rate})$
 - A. N
 - B. $(n*l)/r$
 - C. $(2n*l)/r$
 - D. l/r
5. To join the internet, the computer has to be connected to a
 - A. internet architecture board
 - B. internet society
 - C. internet service provider
 - D. none of the mentioned

6. Internet works on

- A. packet switching
- B. circuit switching
- C. both (a) and (b)
- D. none of the mentioned

7. In asymmetric key cryptography, the private key is kept by

- A. Sender
- B. Receiver
- C. sender and receiver
- D. all the connected devices to the network

8. Which one of the following is a cryptographic protocol used to secure HTTP connection?

- A. stream control transmission protocol (sctp)
- B. transport layer security (tsl)
- C. explicit congestion notification (ecn)
- D. resource reservation protocol

9. Which of the following is a form of DoS attack ?

- A. vulnerability attack
- B. bandwidth flooding
- C. connection flooding
- D. all of the mentioned

10. Firewalls are often configured to block

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

11. DHCP uses UDP port _____ for sending data to the server.

- A. 66

- B. 67
- C. 68
- D. 69

12. If DHCP snooping is configured on a LAN switch, then clients having specific _____ can access the network.

- A. mac address
- B. ip address
- C. both (a) and (b)
- D. none of the mentioned

13. An RTP session is established for

- A. each media stream
- B. all media streams
- C. some predefined number of media streams
- D. none of the mentioned

14. Which protocol defines a profile of RTP that provides cryptographic services for the transfer of payload data?

- A. Srtp
- B. Rtcp
- C. Rcp
- D. none of the mentioned

15. _____ command is used to manipulate TCP/IP routing table.

- A. Route
- B. Ipconfig
- C. Ifconfig
- D. Traceroute

16. Expansion of FTP is

- A. fine transfer protocol

- B. file transfer protocol
- C. first transfer protocol
- D. none of the mentioned

17. FTP server

- A. mantains state
- B. is stateless
- C. has single tcp connection for a file transfer
- D. none of the mentioned

18. The number of objects in a Web page which consists of 4 jpeg images and HTML text is _____

- A. 4
- B. 1
- C. 5
- D. none of the mentioned

19. The first line of HTTP request message is called _____

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

20. Which of the following is not correct ?

- A. web cache doesnt has its own disk space
- B. web cache can act both like server and client
- C. web cache might reduce the response time
- D. web cache contains copies of recently requested objects

21. The TTL field has value 10. How many routers (max) can process this datagram?

- A. 11
- B. 5

- C. 10
- D. 1

22. Fragmentation has following demerits

- A. complicates routers
- B. open to dos attack
- C. overlapping of fragments.
- D. all of the mentioned

23. IPv6 doesnot use _____ type of address

- A. Broadcast
- B. Multicast
- C. Anycast
- D. none of the mentioned

24. which of the following is not Guided transmission media .

- A. twisted pair cables
- B. co-axial cables
- C. infrared
- D. fibre optics

25. A field in header is used to specify the number of characters in the frame.

- A. start bit
- B. character count
- C. end bit
- D. character stuffing

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