Computer Networks

SET-14

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1. Which multiplexing technique transmits digital signals ?
   A. Fdm
   B. Tdm
   C. Wdm
   D. none of the mentioned

2. In TDM, the transmission rate of the multiplexed path is usually_____ the sum of the transmission rates of the signal sources.
   A. greater than
   B. lesser than
   C. equal to
   D. equal to or greater than

3. This topology requires multipoint connection
   A. Star
   B. Mesh
   C. Ring
   D. bus

4. Most packet switches use this principle
   A. stop and wait
   B. store and forward
   C. both of the mentioned
   D. none of the mentioned

5. What is internet?
   A. a single network
   B. a vast collection of different networks
   C. interconnection of local area networks
   D. none of the mentioned

6. IPv6 addressed have a size of
   A. 32 bits

B. 64 bits
C. 128 bits
D. 265 bits

7. In cryptography, what is cipher?
    A. algorithm for performing encryption and decryption
    B. encrypted message
    C. both (a) and (b)
    D. none of the mentioned

8. Cryptanalysis is used
    A. to find some insecurity in a cryptographic scheme
    B. to increase the speed
    C. to encrypt the data
    D. none of the mentioned

9. The attackers a network of compromised devices known as
    A. Internet
    B. botnet
    C. telnet
    D. d-net

10. Sniffers can be deployed in
    A. wired environment
    B. wifi
    C. ethernet lan
    D. all of the mentioned

11. IP assigned for a client by DHCP server is
    A. for a limited period
    B. for unlimited period
    C. not time dependent

D. none of the mentioned

12. What is DHCP snooping?

    A. techniques applied to ensure the security of an existing dhcp infrastructure

    B. encryption of the dhcp server requests

    C. algorithm for dhcp

    D. none of the mentioned

13. Which protocol provides the synchronization between media streams?

    A. Rtp

    B. Rtcp

    C. Rpc

    D. none of the mentioned

14. Which one of the following is not correct?

    A. rtcp provides canonical end-point identifiers to all session participants

    B. rtcp reports are expected to be sent by all participants

    C. both (a) and (b)

    D. none of the mentioned

15. ICMP is used in

    A. Ping

    B. Traceroute

    C. Ifconfig

    D. both a and b

16. Choose the wrong statement

    A. nslookup is used to query a dns server for dns data

    B. ping is used to check connectivity

C. pathping combines the functionality of ping with that of route

D. ifconfig can configure tcp/ip network interface parameters

17. If 5 files are transfered from server A to client B in the same session. The number of TCP connection between A and B is

A. 5

B. 10

C. 2

D. 6

18. The password is sent to the server using _____ command

A. Passwd

B. pass

C. password

D. none of the mentioned

19. In the process of fetching a web page from a server the HTTP request/response takes _____ RTTs.

A. 2

B. 1

C. 4

D. 3

20. Find the oddly matched HTTP status codes

A. 200 ok

B. 400 bad request

C. 301 moved permanently

D. 304 not found

21. Which of the following field in IPv4 datagram is not related to fragmentation?
    A. flags
    B. offset
    C. tos
    D. identifier

22. Which of these is not applicable for IP protocol?
    A. is connectionless
    B. offer reliable service
    C. offer unreliable service
    D. none of the mentioned

23. In the IPv6 header,the traffic class field is similar to which field in the IPv4 header?
    A. fragmentation field
    B. fast-switching
    C. tos field
    D. option field

24. The operation of _____ is based on signals which are multiplexed and added in time domain but they occupy different slots in frequency domain
    A. Fdm
    B. Tdm
    C. Wdm
    D. mdm

25. Which of the following are not duties of Physical layer
    A. bit rate control
    B. multiplexing
    D. circuit switching
    C. error detection

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