

Computer Networks

SET-29

By

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1. The data bit to be transmitted are broken into discrete _____ at the data link layer.
 - A. frame
 - B. stuff
 - C. character
 - D. data
2. Transport layer is implemented in _____
 - A. end system
 - B. nic
 - C. ethernet
 - D. signal transmission
3. Data communication system spanning states, countries, or the whole world is _____.
 - A. lan
 - B. wan
 - C. man
 - D. pan
4. If an Optical Carrier is represented as OC-n, generally the link speed equals(in Mbps) _____.
 - A. $n*39.8$
 - B. $n*51.8$
 - C. $2n*51.8$
 - D. none of the mentioned
5. In asynchronous serial communication the physical layer provides_____
 - A. start and stop signalling
 - B. flow control
 - C. both start & stop signalling and flow control
 - D. only start signalling

6. The network layer is concerned with _____ of data.
- A. bits
 - B. frames
 - C. packets
 - D. bytes
7. A subset of a network that includes all the routers but contains no loops is called _____
- A. spanning tree
 - B. spider structure
 - C. spider tree
 - D. special tree
8. Which one of the following is a version of UDP with congestion control?
- A. datagram congestion control protocol
 - B. stream control transmission protocol
 - C. structured stream transport
 - D. user congestion control protocol
9. In computer network nodes are _____
- A. the computer that originates the data
 - B. the computer that routes the data
 - C. the computer that terminates the data
 - D. all of the mentioned
10. Which of this is not a constituent of residential telephone line?
- A. a high-speed downstream channel
 - B. a medium-speed downstream channel
 - C. a low-speed downstream channel
 - D. an ultra-high speed downstream channel

11. Which of the following statements is not applicable for cable internet access?
- A. it is a shared broadcast medium
 - B. it includes hfcs
 - C. cable modem connects home pc to ethernet port
 - D. analog signal is converted to digital signal in dslam
12. The number of layers in ISO OSI reference model is _____
- A. 5
 - B. 7
 - C. 6
 - D. 10
13. Which layer is used to link the network support layers and user support layers?
- A. session layer
 - B. data link layer
 - C. transport layer
 - D. network layer
14. Transmission data rate is decided by _____
- A. network layer
 - B. physical layer
 - C. data link layer
 - D. transport layer
15. Automatic repeat request error management mechanism is provided by _____
- A. logical link control sublayer
 - B. media access control sublayer
 - C. network interface control sublayer

D. application access control sublayer

16. User datagram protocol is called connectionless because _____

- A. all udp packets are treated independently by transport layer
- B. it sends data as a stream of related packets
- C. it is received in the same order as sent order
- D. it sends data very quickly

17. The sharing of a medium and its link by two or more devices is called _____

- A. fully duplexing
- B. multiplexing
- C. micropleixng
- D. duplexing

18. In TDM, slots are further divided into _____

- A. seconds
- B. frames
- C. packets
- D. bits

19. With respect to physical media, STP cables stands for _____

- A. shielded twisted pair cable
- B. spanning tree protocol cable
- C. static transport protocol cable
- D. shielded two power cable

20. What is the max data transfer rate for optical fiber cable?

- A. 10 mbps
- B. 100 mbps
- C. 1000 mbps

D. 10000 mbps

21. Sniffers can be prevented by using _____

- A. wired environment
- B. wifi
- C. ethernet lan
- D. switched network

22. Most packet switches use this principle _____

- A. stop and wait
- B. store and forward
- C. store and wait
- D. stop and forward

23. The packet of information at the application layer is called _____

- A. packet
- B. message
- C. segment
- D. frame

24. Which of the following is an application layer service?

- A. network virtual terminal
- B. file transfer, access, and management
- C. mail service
- D. all of the mentioned

25. Application layer protocol defines _____

- A. types of messages exchanged
- B. message format, syntax and semantics
- C. rules for when and how processes send and respond to messages
- D. all of the mentioned

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