Computer Networks

SET-23

By

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1. **How many layers are present in the Internet protocol stack (TCP/IP model)?**
    A. 5
    B. 7
    C. 6
    D. 10

2. **Physical or logical arrangement of network is _____**
    A. topology
    B. routing
    C. networking
    D. control

3. **Coaxial cable consists of _____ concentric copper conductors.**
    A. 1
    B. 2
    C. 3
    D. 4

4. **Bits can be sent over guided and unguided media as analog signal by_____**
    A. digital modulation
    B. amplitude modulation
    C. frequency modulation
    D. phase modulation

5. **Transmission control protocol _____**
    A. is a connection-oriented protocol
    B. uses a three way handshake to establish a connection
    C. receives data from application as a single stream

D. all of the mentioned

6. Which of the following routing algorithms can be used for network layer design?

    A. shortest path algorithm

    B. distance vector routing

    C. link state routing

    D. all of the mentioned

7. ICMP is primarily used for _____

    A. error and diagnostic functions

    B. addressing

    C. forwarding

    D. routing

8. Which of the following is a transport layer protocol?

    A. stream control transmission protocol

    B. internet control message protocol

    C. neighbor discovery protocol

    D. dynamic host configuration protocol

9. A list of protocols used by a system, one protocol per layer, is called_____

    A. protocol architecture

    B. protocol stack

    C. protocol suite

    D. protocol system

10. Which of the following terms is not associated with DSL?

    A. dslam

    B. co

    C. splitter

    D. cmts

11. **ONT is connected to splitter using _____**
    A. high speed fibre cable
    B. hfc
    C. optical cable
    D. twisted pair cable

12. **The number of layers in ISO OSI reference model is _____**
    A. 4
    B. 5
    C. 6
    D. 7

13. **Which address is used to identify a process on a host by the transport layer?**
    A. physical address
    B. logical address
    C. port address
    D. specific address

14. **Which of the following tasks is not done by data link layer?**
    A. framing
    B. error control
    C. flow control
    D. channel coding

15. **Which of the following is the multiple access protocol for channel access control?**
    A. csma/cd
    B. csma/ca
    C. both csma/cd & csma/ca
    D. hdlc

16. WAN stands for _____
 A. world area network
 B. wide area network
 C. web area network
 D. web access network

17. The state when dedicated signals are idle are called _____
 A. death period
 B. poison period
 C. silent period
 D. stop period

18. Propagation delay depends on _____
 A. packet length
 B. transmission rate
 C. distance between the routers
 D. speed of the cpu

19. Which connector does the STP cable use?
 A. bnc
 B. rj-11
 C. rj-45
 D. rj-69

20. Which of the following is a form of DoS attack?
 A. vulnerability attack
 B. bandwidth flooding
 C. connection flooding
 D. all of the mentioned

21. Terrestrial radio channels are broadly classifed into _____ groups.
 A. 2
 B. 3

C. 4

D. 1

22. Which of the following is not an application layer service?

A. network virtual terminal

B. file transfer, access, and management

C. mail service

D. error control

23. E-mail is _____

A. loss-tolerant application

B. bandwidth-sensitive application

C. elastic application

D. none of the mentioned

24. Electronic mail uses which Application layer protocol?

A. smtp

B. http

C. ftp

D. sip

25. The HTTP request message is sent in _____ part of three-way handshake.

A. first

B. second

C. third

D. fourth

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