Computer Networks

SET-17

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1. **Two devices are in network if**
   - A. a process in one device is able to exchange information with a process in another device
   - B. a process is running on both devices
   - C. pids of the processes running of different devices are same
   - D. none of the mentioned

2. **A _____ is a device that forwards packets between networks by processing the routing information included in the packet.**
   - A. Bridge
   - B. firewall
   - C. router
   - D. all of the mentioned

3. **The OSI model has ___ layers.**
   - A. 4
   - B. 5
   - C. 6
   - D. 7

4. **Which layer is responsible for process to process delivery?**
   - A. network layer
   - B. transport layer
   - C. session layer
   - D. data link layer

5. **Bits can be send over guided and unguided media as analog signal by**
   - A. digital modulation
   - B. amplitude modulation
   - C. frequency modulation

D. phase modulation

6. The physical layer translates logical communication requests from the_____ into hardware specific operations.
A. data link layer
B. network layer
C. trasnport layer
D. application layer

7. Which sublayer of the data link layer performs data link functions that depend upon the type of medium?
A. logical link control sublayer
B. media access control sublayer
C. network interface control sublayer
D. none of the mentioned

8. Which one of the following is a data link protocol?
A. Ethernet
B. point to point protocol
C. hdlc
D. all of the mentioned

9. The 4 byte IP address consists of
A. network address
B. host address
C. both (a) and (b)
D. none of the mentioned

10. Which one of the following algorithm is not used for congestion control?
A. traffic aware routing
B. admission control
C. load shedding
D. none of the mentioned

11. 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. both (a) and (b)
D. none of the mentioned

12. A _____ is a TCP name for a transport service access point.
A. Port
B. pipe
C. node
D. none of the mentioned

13. 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

14. Which protocol is a signalling communication protocol used for controlling multimedia communication sessions?
A. session initiation protocol
B. session modelling protocol
C. session maintenance protocol
D. none of the mentioned

15. Servers handle requests for other domains
A. directly
B. by contacting remote dns server
C. it is not possible
D. none of the mentioned

16. **The right to use a domain name is delegated by domain name registers which are accredited by**
    A. internet architecture board
    B. internet society
    C. internet research task force
    D. internet corporation for assigned names and numbers

17. **All telnet operations are sent as**
    A. 4 bytes
    B. 8 bytes
    C. 16 bytes
    D. 32 bytes

18. **Which operating mode of telnet is full duplex?**
    A. default mode
    B. server mode
    C. line mode
    D. none of the mentioned

19. **URL stands for**
    A. unique reference label
    B. uniform reference label
    C. uniform resource locator
    D. unique resource locator

20. **AJAX stands for**
    A. asynchronous javascript and xml
    B. advanced jsp and xml
    C. asynchronous jsp and xml
    D. advanced javascript and xml

21. **In HTTP pipelining**

A.   multiple http requests are sent on a single tcp connection without waiting for the corresponding responses
B.   multiple http requests can not be sent on a single tcp connection
C.   multiple http requests are sent in a queue on a single tcp connection
D.   none of the mentioned

22. In file transfer protocol, data transfer can be done in
A.   stream mode
B.   block mode
C.   compressed mode
D.   all of the mentioned

23. A point-to-point protocol over ethernet is a network protocol for
A.   encapsulating ppp frames inside ethernet frames
B.   encapsulating ehternet framse inside ppp frames
C.   for security of ethernet frames
D.   for security of ppp frames

24. Which of this is not a constituent of residential telephone line?
A.   a high-speed downstream channel
B.   a medium-speed downstream channe
C.   a low-speed downstream channel
D.   none of the mentioned

25. Choose the statement which 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

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