Computer Networks

SET-33

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1. **Frame relay provides error detection at the _____**
   - A. physical layer
   - B. data link layer
   - C. network layer
   - D. transport layer

2. **URL stands for _____**
   - A. unique reference label
   - B. uniform reference label
   - C. uniform resource locator
   - D. unique resource locator

3. **The data field cannot carry which of the following?**
   - A. tcp segment
   - B. udp segment
   - C. icmp messages
   - D. smtp messages

4. **field helps to check rearrangement of the fragments?**
   - A. offset
   - B. flag
   - C. ttl
   - D. identifier

5. **Network addresses are a very important concept of _____**
   - A. routing
   - B. mask
   - C. ip addressing
   - D. classless addressing

6. **Which among the following features is present in IPv6 but not in IPV4**
   - A. fragmentation

B.   header checksum

C.   options

D.   anycast address

7. Which statement(s) about IPv6 addresses are true?

A.   leading zeros are required

B.   two colons (::) are used to represent successive hexadecimal fields of zeros

C.   two colons (::) are used to separate fields

D.   a single interface cannot have multiple ipv6 addresses of different types

8. The combination of an IP address and port number is called as _____

A.   socket address

B.   port address

C.   mac address

D.   host address

9. The main reason for transition from IPv4 to IPv6 is _____

A.   huge number of systems on the internet

B.   very low number of system on the internet

C .   providing standard address

D.   to provide faster internet

10. In an 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

11. _____ is another kind of fiber optic network with an active star for switching.
   A. s/net
   B. sw/net
   C. net/sw
   D. fs/net

12. Which NetWare protocol provides link-state routing?
   A. nlsp
   B. rip
   C. sap
   D. ncp

13. How often does a RIPv1 router broadcast its routing table by default?
   A. every 30 seconds
   B. every 60 seconds
   C. every 90 seconds
   D. ripv1 does not broadcast periodically

14. Which statement is true regarding classless routing protocol?
   A. the use of discontinuous networks is not allowed
   B. use of variable length subnet masks is permitted
   C. ripv1 is a classless routing protocol
   D. igrp supports classes routing within the same autonomous system

15. Which two routing protocols can be redistributed into OSPF by a Cisco router?
   A. ip eigrp and appletalk eigrp

B. appletalk eigrp and ripv2
C. ripv2 and ip eigrp
D. ipx rip & appletalk eigrp

16. **In the network HTTP resources are located by _____**
    A. uniform resource identifier
    B. unique resource locator
    C. unique resource identifier
    D. union resource locator

17. **Which methods are commonly used in Server Socket class?**
    A. public output stream get output stream ()
    B. public socket accept ()
    C. public synchronized void close ()
    D. public void connect ()

18. **In Inet Address class, which method returns the host name of the IP Address?**
    A. public string get hostname()
    B. public string gethostaddress()
    C. public static inetaddress get localhost()
    D. public getbyname()

19. **Which of the following defines the Cookie visibility?**
    A. document path
    B. localstorage
    C. sessionstorage
    D. all of the mentioned

20. **What does REST stand for?**
    A. represent state transfer
    B. representational state transfer

C. representing state transfer

D. representation state transfer

21. LSP stands for _____

    A. link stable packet

    B. link state packet

    C. link state protocol

    D. link state path

22. The computation of the shortest path in OSPF is usually done by _____

    A. bellman-ford algorithm

    B. routing information protocol

    C. dijkstra's algorithm

    D. distance vector routing

23. What is the IP protocol number for OSPF packets?

    A. 89

    B. 86

    C. 20

    D. 76

24. Which field is NOT a field within an OSPF packet header?

    A. packet length

    B. router id

    C. authentication type

    D. Maxage time

25. Datagrams are routed to their destinations with the help of _____

    A. switch table

    B. segments table

    C. datagram table

    D. routing table

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