COMPUTER

Database & Networking Worksheet

For students preparing for MAH-B.BCA/BBA/BMS/BBM CET 2024 for admission to BCA, BBA, BMS, BBM

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1. The combination of two or more interconnected networks is called
   a) Internetwork
   b) LAN
   c) MAN
   d) WAN

2. ISP stands for
   a) International Service Provider
   b) International System Provider
   c) Internet Service Provider
   d) Internetwork System Provider

3. National Internet Service Provider (ISP) networks are connected to one another by private switching network is called
   a) Peering Points
   b) Network Access Points
   c) National ISP
   d) None of these

4. The network that provides high-speed connectivity or transmission speed is
   a) MAN
   b) LAN
   c) WAN
   d) Internetwork

5. Which of the following network is a small, single-site network?
   a) MAN
   b) LAN
   c) WAN
   d) DSL

6. Common LAN topologies are
   a) Bus and Ring
   b) Mesh and Ring
   c) Star
   d) both a and c

7. A protocol is
   a) a set of rules on how communication components and DTE'S are to communicate.
   b) logical communication channels used for transmission of data.
   c) physical communication channels used for transmission of data.
   d) None of these.

8. The method of communication in which transmission of data takes place in both directions but in one direction at a time is
   a) Simplex
   b) Four-wire circuit
   c) Half-duplex
   d) Full duplex

9. The method of communication in which transmission of data takes place in both directions at the same time is
   a) Simplex
   b) Four-wire circuit
   c) Half-duplex
   d) Full duplex

10. The telephone network is a good example of
    a) Half-duplex
    b) Simplex
    c) Full duplex

d) a and c

11. Keyboard and Monitor is a good example of
    a) Simplex
    b) Half duplex
    c) Full duplex
    d) a and b

12. Which mode of communication can be used when there is no need for communication in both directions at the same time.
    a) Simplex
    b) Half duplex
    c) Full duplex
    d) b and c

13. In a broad sense, a railway track is an example of
    a) Simplex
    b) Half duplex
    c) Full duplex
    d) None of these

14. A set of devices connected by communication links is called
    a) Network
    b) Protocol
    c) Topology
    d) Multilinks

15. Nodes are another name of
    a) Links
    b) Devices
    c) Medium
    d) Modes

16. A connection that provides a dedicated link between two devices is called
    a) Point-to-Point
    b) Multipoint
    c) Topology
    d) Protocol

17. A connection in which more than two specific devices share a single link is called
    a) Standard
    b) Multipoint
    c) Channel
    d) Peering points

18. The geometric arrangement of devices on the network is called

a) Topology
b) Protocols
c) Network
d) Medium

19. A topology in which every node has a dedicated point to point link to all nodes (devices) within the network is called
    A. Mesh
    B. Star
    C. Bus
    D. Ring

20. A topology that consists of a number of devices connected by point to point links to a central hub is called
    a) Mesh
    b) Bus
    c) Star
    d) Ring

21. The DBMS acts as an interface between what two components of an enterprise-class database system?
    a) Database application and the database
    b) Data and the database
    c) The user and the database application
    d) Database application and SQL

22. Which of the following products was an early implementation of the relational model developed by E.F. Codd of IBM?
    a) IDMS
    b) DB2
    c) dBase-II
    d) R:base

23. The following are components of a database except _____ .
    a) user data
    b) metadata
    c) reports
    d) indexes

24. An application where only one user accesses the database at a given time is an example of a(n) _____ .
    a) single-user database application
    b) multiuser database application
    c) e-commerce database application
    d) data mining database application

25. An on-line commercial site such as Amazon.com is an example of a(n) _____ .
   a)   single-user database application
   b)   multiuser database application
   c)   e-commerce database application
   d)   data mining database application

26. Which of the following products was the first to implement true relational algebra in a PC DBMS?
   a)   IDMS
   b)   Oracle
   c)   dBase-II
   d)   R:base

27. SQL stands for _____ .
   a)   Structured Query Language
   b)   Sequential Query Language
   c)   Structured Question Language
   d)   Sequential Question Language

28.Because it contains a description of its own structure, a database is considered to be _____
   a)   described
   b)   metadata compatible
   c)   self-describing
   d)   an application program

29. The following are functions of a DBMS except _____
   a)   creating and processing forms
   b)   creating databases
   c)   processing data
   d)   administrating databases

30. Helping people keep track of things is the purpose of a(n) _____ .
   a)   database
   b)   table
   c)   instance
   d)   relationship

Answer Key

1. A	2. C	3. B	4. B	5. B	6. D	7. A	8. C	9. D	10. C
11. A	12. B	13. B	14. A	15. B	16. A	17. B	18. A	19. A	20. C
21. A	22. B	23. C	24. A	25. C	26. D	27. A	28. C	29. A	30. A