1. Which of the following is not related to information security on the Internet ?
(A) Data Encryption                              (B) Water marking
(C) Data Hiding                                  (D) Information Retrieval

2. Which is the largest unit of storage among the following ?
(A) Terabyte                                     (B) Megabyte
(C) Kilobyte                                     (D) Gigabyte

3. bit stands for
(A) binary information term                      (B) binary digit
(C) binary tree                                  (D) Bivariate Theory

4. Which one of the following is not a linear data structure ?
(A) Array                                        (B) Binary Tree
(C) Queue                                        (D) Stack

5. Which one of the following is not a network device ?
(A) Router                                       (B) Switch
(C) Hub                                          (D) CPU

6. A compiler is used to convert the following to object code which can be executed
(A) High-level language                          (B) Low-level language
(C) Assembly language                            (D)Natural language

7. Which number system is usually followed in a typical 32-bit computer ?
(A) 2                                            (B) 8
(C) 10                                           (D) 16

8. Which one of the following is an example of Operating System ?
(A) Microsoft Word                               (B) Microsoft Excel
(C) Microsoft Access                             (D) Microsoft Windows

9. Which one of the following represent the binary equivalent of the decimal number 23 ?

(A) 01011                                        (B) 10111
(C) 10011                                        (D) None of the above

10. Which one of the following is  different from other members ?
(A) Google                                       (B) Windows
(C) Linux                                        (D) Mac

11. Where does a computer add and compare its data ?
(A) CPU                                          (B) Memory
(C) Hard disk                                    (D) Floppy disk

12. Computers on an internet are identified by
(A) e-mail address                               (B) street address
(C) IP address                                   (D) None of the above

13. Which one of the following is not an Internet Service Provider (ISP) ?
(A) MTNL                                         (B) BSNL
(C) ERNET India                                  (D) Infotech India Ltd.

14. The hexadecimal number system consists of the symbols
(A) 0 – 7                                        (B) 0 – 9 , A – F
(C) 0 – 7, A – F                                 (D) None of these

15. The binary equivalent of (–15)10 is   (2's complement system is used)
(A) 11110001                              (B) 11110000
(C) 10001111                              (D) None of these

16. 1 GB is equal to
(A) $2^{30}$ bits                          (B) $2^{30}$ bytes
(C) $2^{20}$ bits                          (D) $2^{20}$ bytes

17. The set of computer programs that manage the hardware/software of a computer is called
(A) Compiler system                       (B) Operation system
(C) Operating system                      (D) None of these

18. S/MIME in Internet technology  stands for
(A) Secure Multipurpose Internet Mail Extension   (B) Secure Multimedia Internet  Mail Extension
(C) Simple Multipurpose Internet Mail Extension   (D) Simple Multimedia Internet Mail Extension

19. TCP/IP is necessary if one is to connect to the
(A) Phone lines                           (B) LAN
(C) Internet                              (D) a Server

20. Each character on the keyboard of computer has an ASCII value which stands for
(A) American Stock Code for Information Interchange
(B) American Standard Code for Information Interchange
(C) African Standard Code for Information Interchange
(D) Adaptable Standard Code for Information Change

21. Which of the following is not a programming language ?
(A) Pascal                                (B) Microsoft Office
(C) Java                                  (D) C++

22. Minimum number of bits required to store any 3 digit decimal number is equal to
(A) 3                                     (B) 5
(C) 8                                     (D) 10

23. Internet explorer is a type of
(A) Operating System                      (B) Compiler
(C) Browser                               (D) IP address

24. POP3 and IMAP are e-mail accounts in which
(A) One automatically gets one's mail everyday
(B) One has to be connected to the server to read or write one's mail
(C) One only has to be connected to the server to send and receive email
(D) One does not need any telephone lines

25 Which of the following operating system is used on mobile phones ?
(A) Windows Vista                         (B) Android
(C) Windows XP                            (D) All of the above

26. If $(y)_x$ represents a number y in base x, then which of the following numbers is smallest of all ?
(A) $(1111)_2$                            (B) $(1111)_8$
(C) $(1111)_{10}$                         (D) $(1111)_{16}$

27.  High level programming language can be converted to machine language using which of the following ?
(A) Oracle                                (B) Compiler
(C) Mat lab                               (D) Assembler

28. HTML is used to create
(A) machine language program              (B) high level program

(C) web page                           (D) web server

29. The term DNS stands for
(A) Domain Name System               (B) Defense Nuclear System
(C) Downloadable New Software         (D) Dependent Name Server

30. IPv4 and IPv6 are addresses used to identify computers on the internet. Find the correct statement out of the following :
(A) Number of bits required for IPv4 address is more than number of bits required for IPv6 address.
(B) Number of bits required for IPv4 address is same as number of bits required for IPv6 address.
(C) Number of bits required for IPv4 address is less than number of bits required for IPv6 address.
(D) Number of bits required for IPv4 address is 64.

31. The octal number system consists of the following symbols :
(A) 0 – 7                             (B) 0 – 9
(C) 0 – 9, A – F                      (D) None of the above

32. The binary equivalent of $(-19)_{10}$ in signed magnitude system is
(A) 11101100                          (B) 11101101
(C) 10010011                          (D) None of these

33. DNS in internet technology stands for
(A) Dynamic Name System              (B) Domain Name System
(C) Distributed Name System          (D) None of these

34. HTML stands for
(A) Hyper Text Markup Language        (B) Hyper Text Manipulation Language
(C) Hyper Text Managing Links         (D) Hyper Text Manipulating Links

35. Which of the following is type of LAN ?
(A) Ethernet                          (B) Token Ring
(C) FDDI                              (D) All of the above

36. Which of the following statements is true ?
(A) Smart cards do not require an operating system.   (B) Smart cards and PCs use some operating system.
(C) COS is smart card operating system.
(D) The communication between reader and card is in full duplex mode.

37. What is blog ?
(A) Online music                      (B) Intranet
(C) A personal or corporate website in the form of an online journal
(D) A personal or corporate Google search