

033/2016

Maximum : 100 marks

Time : 1 hour and 15 minutes

1. The key which moves cursor along a line to a preset position is :
(A) Enter Key (B) Tab Key
(C) Back Space Key (D) Arrow Key
2. The fine powder ink kept in laser printers is called :
(A) Cartridge (B) Drum
(C) Toner (D) Inkjet
3. Which of the following programming language is the oldest?
(A) Fortran (B) Java
(C) Pascal (D) COBOL
4. The major component used in second generation computers is :
(A) Vacuum tubes (B) Transistors
(C) Integrated circuits (D) Microprocessors
5. Compiler translates :
(A) High level language to Machine language
(B) Assembly language to Machine language
(C) Machine language to High level language
(D) Machine language to Assembly language
6. In a Microcomputer, Microprocessor is :
(A) A chip inside CPU (B) CPU
(C) ALU (D) A chip inside ALU
7. The grammatical rules of a programming language is called :
(A) Coding rules (B) Syntax
(C) Semantics (D) All the above

8. Mail merge feature is commonly associated with :
- (A) Internet (B) Spread sheet
(C) Word processor (D) Data base
9. In computers, the number system used for data storage and processing is :
- (A) Hexadecimal (B) Binary
(C) Decimal (D) Octal
10. Which of the following is not true about Static RAM?
- (A) It is non - volatile (B) Reading and writing is possible
(C) It is constructed using flip flops (D) It is volatile
11. The stack pointer always points to :
- (A) Top of the stack
(B) Location from which next element is to be popped
(C) Location stored at SP register
(D) All the above
12. The output of a AND gate is high when :
- (A) Any one of the inputs is high (B) Any one of the inputs is low
(C) All the inputs are low (D) All the inputs are high
13. Which of the following is a seven bit code?
- (A) UniCode (B) BCD
(C) EBCDIC (D) ASCII
14. In Windows operating system, presentation slides are designed using :
- (A) MS-Word (B) MS-Paint
(C) MS-Power point (D) MS-Excel
15. Which of the following is an optical storage device?
- (A) Hard Disk (B) Flash memory
(C) ROM (D) CD-ROM

16. In ISO-OSI network architecture, routing is performed by :
- (A) Data Link Layer (B) Network Layer
(C) Physical Layer (D) Transport Layer
17. Elements stored in an array are accessed by using their :
- (A) Values (B) Names
(C) Positions (D) Orders in which they are stored
18. An expression which always give a True/False Value is :
- (A) Relational Expression (B) Logical Expression
(C) Conditional Expression (D) All the above
19. Group of logically related data items is called :
- (A) Record (B) Data base
(C) Table (D) File
20. The Error in a program which can be detected at the time of compilation is :
- (A) Run time error (B) Logical Error
(C) Syntax Error (D) Semantic Error
21. Hard disk of a computer can be used as :
- (A) Input (B) Output
(C) Storage (D) All the above
22. Which of the following is not true about a laser printer?
- (A) It is an impact printer
(B) It is a page printer
(C) Works on the principle of electro photography
(D) Works on the principle of LED technology
23. USB stands for :
- (A) Uniform Synchronous Bus (B) Uniform Serial Bus
(C) Universal Serial Bus (D) Universal Synchronous Bus

24. BIOS software is stored in :
(A) RAM (B) ROM
(C) Disk (D) Static RAM
25. One GB is equal to
(A) 1024 Mega bytes (B) 1024 Bytes
(C) 1024 Kilo bytes (D) 1000 Kilo bytes
26. Which of the following is an application software?
(A) Operating System (B) Browser
(C) Driver (D) Interpreter
27. Hackers gaining access to a computer through a network are prevented using :
(A) Firewall (B) Antivirus
(C) Proxy server (D) Search Engine
28. In a spread sheet, cell address is formed by :
(A) Column letter – Row number (B) Row number – Column letter
(C) Row letter – Column number (D) Column number – Row letter
29. In a program flow chart, parallelogram is used to indicate :
(A) Termination (B) Decision
(C) Input/Output (D) Process
30. To open an action by using mouse :
(A) Click left button (B) Click right button
(C) Double click left button (D) Double click right button
31. Which of the following term is not related with a computer monitor?
(A) CRT (B) TFT
(C) LCD (D) DPI
32. Power On Self Test (POST) is performed by :
(A) SMPS (B) OS
(C) BIOS (D) None

33. The network device used to connect multiple computers in a network is :
- (A) Switch (B) Router
(C) Bridge (D) Repeater
34. Internet is an example for :
- (A) LAN (B) MAN
(C) WAN (D) All the above
35. Which of the following is not a web browser?
- (A) Google (B) Internet Explorer
(C) Google Chrome (D) Mozilla FireFox
36. An IP address has :
- (A) 16 bits (B) 24 bits
(C) 48 bits (D) 32 bits
37. In HTML, closing tags are preceded by :
- (A) Semicolon (;) (B) Hash (#)
(C) Angle brackets (<>) (D) Forward slash (/)
38. A 24x CD-ROM has a transfer rate of :
- (A) 2400 KB/Sec (B) 1800 KB/Sec
(C) 3600 KB/Sec (D) 4800 KB/Sec
39. The size of a monitor is its :
- (A) Horizontal length (B) Vertical length
(C) Diagonal length (D) Horizontal length \times Vertical length
40. Recursion means :
- (A) Calling a function several times (B) Calling a function by itself
(C) Calling a function within a loop (D) Calling a function indefinitely

41. In communication, duplex means data transmitted in :
- (A) One direction only
 - (B) In both directions, but one direction at a time
 - (C) In both directions simultaneously
 - (D) In one direction only by removing duplicate frames
42. The capacity of main memory which can be accessed by CPU is determined by :
- (A) Data lines
 - (B) Address lines
 - (C) Control lines
 - (D) Both (A) and (B)
43. Parity bit is added for :
- (A) Checking errors
 - (B) Making fixed size data
 - (C) Counting the size of the data
 - (D) All the above
44. Once programmed, the data or instructions cannot be changed in :
- (A) ROM
 - (B) PROM
 - (C) EPROM
 - (D) EEPROM
45. Variable which stores the address of a memory location is :
- (A) Register
 - (B) Pointer
 - (C) Program Counter
 - (D) Memory Address Register
46. The HTML tag used for hyper linking is :
- (A) HREF
 - (B) HR
 - (C) EMBED
 - (D) A
47. PHP is a :
- (A) Server side scripting language
 - (B) Client side scripting language
 - (C) Mark up language
 - (D) General programming language
48. Which of the following is a valid string in programming?
- (A) "ABCD"
 - (B) "AB12"
 - (C) "1234"
 - (D) All the above

49. In MS-Excel, absolute addressing uses :
 (A) % symbol (B) # symbol
 (C) & symbol (D) \$ symbol
50. The process of loading operating system to memory is called :
 (A) Initializing (B) Booting
 (C) Loading (D) Allocating
51. .doc is the default filename extension of Microsoft Windows
 (A) Note pad (B) Power point
 (C) Word (D) Spread sheet
52. Cache memory is used in computers to :
 (A) Extend memory capacity (B) Increase speed
 (C) Increase accuracy (D) Protect data loss due to power failure
53. Inheritance is a concept used in :
 (A) Object oriented programming (B) Procedure oriented programming
 (C) Internet programming (D) Data base programming
54. The Operating System works as an interface between :
 (A) Hardware and Software (B) User and Software
 (C) User and Processor (D) User and Hardware
55. Variables that hold True/False type values are :
 (A) Character type (B) Integer type
 (C) Boolean type (D) Floating point type
56. Which of the following statement is used for looping?
 (A) if (B) goto
 (C) switch (D) for
57. The language associated with DBMS is :
 (A) DML (B) XML
 (C) HTML (D) PCL

58. In linux, the file having extension .gz is a :
- (A) Image file (B) Compressed file
(C) System File (D) None of the above
59. The undeclared variables in Visual Basic is treated as :
- (A) String type (B) Long type
(C) Variant type (D) Generic type
60. The decimal equivalent of hexadecimal number C2 is :
- (A) 194 (B) 14
(C) 34 (D) 178
61. PDF stands for :
- (A) Portable Document Format (B) Printable Document Format
(C) Printable Data Format (D) Portable Document File
62. Most effective chart with small number of data points is :
- (A) Bar Chart (B) Column Chart
(C) Line Chart (D) Pie Chart
63. The program that runs when the computer remains idle for a certain period of time :
- (A) Wall Paper (B) Control Panel
(C) Screen saver (D) Welcome screen
64. The smallest individually addressable unit of information stored on a hard disk is :
- (A) Sector (B) Track
(C) Cylinder (D) Block
65. Which of the following is not a component of a computer power supply?
- (A) Transformer (B) Rectifier
(C) Filter (D) Amplifier
66. The geometric arrangement of nodes and cables in a network is called :
- (A) Network Protocol (B) Network Topology
(C) Network Architecture (D) Network Cabling

67. In an IP address, which of the following number as first octet causes loop back address :
- (A) 192 (B) 127
(C) 255 (D) 168
68. Which of the following wireless technology has higher data rate?
- (A) WiFi (B) Bluetooth
(C) HomeRF (D) WiMax
69. Arrange the names : babu, Balan, Anil, arun in alphabetical order :
- (A) Anil, Balan, arun, babu (B) arun, babu, Anil, Balan
(C) Anil, arun, Balan, babu (D) arun, Anil, babu, Balan
70. UPS is commonly used with computer systems to provide :
- (A) Perfect ac (B) Perfect dc
(C) Protect from power failure problems (D) Maintain proper voltage
71. Byte Code is :
- (A) An international coding standard (B) Code generated by Java compiler
(C) An executable machine code (D) An extended form of Uni Code
72. Which of the following is used to select only one item in the group?
- (A) Radio button (B) Check box
(C) List box (D) Options (A) or (B)
73. Executing a program based on a change in hardware or software is called :
- (A) Object oriented programming (B) Procedure oriented programming
(C) Visual programming (D) Event driven programming
74. To permanently remove an item from Desk top, press :
- (A) Delete Key (B) Ctrl + Delete key
(C) Shift + Delete Key (D) Alt + Delete key
75. If the shell prompt in linux shows # symbol, it means currently logged in user is :
- (A) Terminal user (B) User
(C) Guest (D) Super user