

201/2014

Maximum : 100 marks

Time : 1 hour and 15 minutes

1. The way that computers manipulate data into information is called :  
(A) programming (B) processing  
(C) storing (D) organizing
2. The metal or plastic case that holds all the physical parts of the computer is the :  
(A) CPU (B) Desktop  
(C) Mainframe (D) System unit
3. The first electronic computer was called :  
(A) Apple (B) ENIAC  
(C) UNIVAC (D) PARAM
4. The binary system has \_\_\_\_\_ digits.  
(A) 8 (B) 4  
(C) 2 (D) 1
5. The ALU performs arithmetic and \_\_\_\_\_ operations.  
(A) logical (B) loading  
(C) logistical (D) logging
6. A 32-bit word computer can access \_\_\_\_\_ bytes at a time.  
(A) 4 (B) 8  
(C) 16 (D) 32
7. A port can be :  
(A) strictly for input (B) strictly for output  
(C) bidirectional (D) all of the above
8. ATM means :  
(A) Any Time Marketing (B) Any Time Money  
(C) Any Time Machine (D) Automatic Teller Machine

9. The average time required to reach a storage location in memory and obtain its contents is called :
- (A) latency time (B) access time  
(C) turnaround time (D) response time
10. Cache memory refers to :
- (A) cheap memory that can be plugged onto the motherboard to expand main memory  
(B) fast memory present on the processor chip that is used to store recently accessed data  
(C) a reserved portion of main memory used to save important data  
(D) a special area of memory on the chip that is used to save frequently used constants
11. Firmware means :
- (A) software (B) hardware  
(C) software available on hardware (D) none of these
12. In magnetic disks data is organized on the platter in concentric set of rings called :
- (A) sector (B) track  
(C) head (D) block
13. CD-ROM stands for :
- (A) Compact Read Only Memory  
(B) Compact Data Read Only Memory  
(C) Compactable Disk Read Only memory  
(D) Compact Disk Read Only Memory.
14. Which of the following is not real security and privacy risk?
- (A) Hackers (B) Spam  
(C) Virus (D) Identity theft
15. \_\_\_\_\_ is bidirectional.
- (A) Data bus (B) Control bus  
(C) Address bus (D) Multiplexed bus

16. The feature of high level language is :
- (A) readable (B) easy to debug  
(C) less development cost (D) all of the above
17. The operating system acts as an interface between :
- (A) user and hardware (B) user and memory  
(C) user and screen (D) user and peripheral
18. SQL stands for :
- (A) Sequential Question Language (B) Structured Query Language  
(C) Standard Query Language (D) System Query Language
19. Choose the category of SQL operations INSERT, DELETE and UPDATE.
- (A) DDL (B) DML  
(C) DCL (D) PL
20. A \_\_\_\_\_ is approximately one billion bytes.
- (A) Bit (B) Kilobyte  
(C) Gigabyte (D) Megabyte
21. Which of the following is a valid IP address?
- (A) 192.168.1.1 (B) 192.168.11.1111  
(C) 192.300.1.1 (D) 192.168.268.1
22. Verification of user name and password is known as :
- (A) eligibility (B) logging in  
(C) accessibility (D) authentication
23. The BIOS is stored in :
- (A) RAM (B) ROM  
(C) CPU (D) Hard disk
24. ADSL gives :
- (A) faster downloading than uploading  
(B) slower downloading than uploading  
(C) same downloading and uploading speed  
(D) none of the above

25. Which among the following connect web pages?  
(A) List (B) Connector  
(C) Hyperlink (D) None of these
26. A network uses star topology if :  
(A) computers arranged in a closed loop  
(B) all computers attach to a central point  
(C) all computers attach to a single long cable  
(D) computers attach to multiple hierarchical cables
27. '.mp3' extension refers to what kind of file?  
(A) Image file (B) Video file  
(C) Audio file (D) MS office document
28. In relational database model a table row is called :  
(A) tuple (B) attribute  
(C) record (D) file
29. The command in SQL that allows to delete a table is :  
(A) alter (B) delete  
(C) drop (D) update
30. Which of the following is a DTP software?  
(A) Word (B) Power point  
(C) Page maker (D) Tally
31. The technology used in CD-ROM is :  
(A) mechanical (B) fiber optical  
(C) optical (D) electro mechanical
32. The typical size of a graphic design is measured in :  
(A) pica (B) pixels  
(C) points (D) inches

33. Which of the following is a LAN?  
(A) Internet (B) Intranet  
(C) ATM network (D) Network in a campus
34. Pick the odd one out :  
(A) DOS (B) Windows  
(C) Linux (D) MS office
35. The IC chips in computers are made of :  
(A) Lead (B) Silicon  
(C) Chromium (D) Copper
36. Mechanism to protect private networks from outside attack is :  
(A) Antivirus (B) Firewall  
(C) Digital signature (D) Internet
37. An encoding system which is most suitable for encoding character sets of many languages is :  
(A) ASCII (B) BCD  
(C) UNICODE (D) EBCDIC
38. Which of the following is not a protocol?  
(A) FTP (B) PHP  
(C) HTTP (D) SMTP
39. The connection point of a network interface card to the computer is :  
(A) RJ-45 (B) RJ-11  
(C) PS/2 (D) (B) or (C)
40. Which of the following is a line by line translator?  
(A) Compiler (B) Assembler  
(C) Interpreter (D) Linker
41. \_\_\_\_\_ is a must for a computer system to work.  
(A) Compiler (B) Loader  
(C) Operating system (D) Assembler

42. Which of the following is not a network topology?  
(A) Path topology (B) Star topology  
(C) Ring topology (D) Mesh topology
43. A program in execution is called :  
(A) function (B) procedure  
(C) instruction (D) process
44. 1's complement of 10110 is :  
(A) 10111 (B) 00110  
(C) 01001 (D) 11111
45. Which of the following is not an input device?  
(A) Speaker (B) Scanner  
(C) Keyboard (D) Joystick
46. URL stands for :  
(A) Universal Resource Location (B) Uniform Resource locator  
(C) Uniform Resource Logic (D) Universal Resource Locator
47. Which of the following is a domain name extension?  
(A) www (B) org  
(C) html (D) http
48. The part of a computer that can be physically touched is called :  
(A) software (B) hardware  
(C) program (D) process
49. The base of hexadecimal number system is :  
(A) 10 (B) 2  
(C) 8 (D) 16
50. Which of the following is not a network communication device?  
(A) Gateway (B) Router  
(C) Plotter (D) Switch

51. Check the odd one out :
- (A) Internet explorer (B) Mozilla firefox  
(C) Google chrome (D) Recycle bin
52. \_\_\_\_\_ is a key in RDBMS.
- (A) Secret key (B) Private key  
(C) Public key (D) Foreign key
53. The type of cable that is used in cable TV networks is :
- (A) UTP (B) Coaxial  
(C) STP (D) Optical fiber
54. \_\_\_\_\_ is used to design static web pages.
- (A) PHP (B) ASP  
(C) HTML (D) JSP
55. PARAM is a :
- (A) Super computer (B) Mainframe computer  
(C) Personal computer (D) Mini computer
56. Which of the following is a numeric data type?
- (A) Integer (B) Floating point  
(C) Boolean (D) Both (A) and (B)
57. Octal equivalent of 111011 is :
- (A) 71 (B) 73  
(C) 83 (D) none of these
58. The temporary storage area attached to the CPU for I/O operations is :
- (A) channel (B) buffer  
(C) register (D) accumulator
59. Which of the following is used for fast evaluation of objective type answer scripts?
- (A) OCR (B) MICR  
(C) OMR (D) BCR

60. A device that performs modulation and demodulation is :
- (A) NIC (B) Decoder  
(C) Modem (D) Satellite
61. An example of hard real time system is :
- (A) industrial control (B) robotics  
(C) both (A) and (B) (D) none of these
62. Which of the following is slowest medium?
- (A) Twisted pair cable (B) Coaxial cable  
(C) Fibre optic cable (D) Microwaves
63. A translator which reads an entire program written in a high level language and converts it into machine language code is called :
- (A) assembler (B) translator  
(C) compiler (D) operating system
64. Which of the following is the name of an operating system?
- (A) MSDOS (B) OS/2  
(C) UNIX (D) All of these
65. The CPU of a computer can be compared to which human body part?
- (A) Brain (B) Heart  
(C) Arms (D) Lungs
66. Which of the following is not a popular image editor program?
- (A) Adobe pagemaker (B) Microsoft paint  
(C) Adobe photoshop (D) Corel photopaint
67. Cache memory acts between :
- (A) RAM and hard disk (B) RAM and ROM  
(C) CPU and hard disk (D) CPU and RAM
68. Raster images are also known as :
- (A) bitmap images (B) vector images  
(C) multimedia images (D) animation



69. JPEG stands for :

- (A) Joint Photography Experts Group
- (B) Joint Photo Experiment Group
- (C) Joint Photographic Experts Group
- (D) Joint Photography Experts Grade

70. The type of printer that helps to take carbon copies is :

- (A) dot matrix
- (B) inkjet
- (C) laser
- (D) none of these

71. Which of the following is not name of an ISP?

- (A) HSBC
- (B) BSNL
- (C) Asianet Data Line
- (D) MTNL

72. \_\_\_\_\_ is a search engine.

- (A) [www.manoramaonline.com](http://www.manoramaonline.com)
- (B) [www.sbtonline.com](http://www.sbtonline.com)
- (C) [www.google.com](http://www.google.com)
- (D) none of these

73. The software that helps to browse the internet is :

- (A) Web server
- (B) MS office
- (C) Operating system
- (D) Web browser

74. Consider the web address given below.

<http://www.uidai.gov.in>

The protocol in this is :

- (A) http
- (B) www
- (C) gov
- (D) uidai

75. The smaller version of an image is called :

- (A) thumbnail
- (B) clipart
- (C) graphics
- (D) bitmap

76. Which of the following is a video file extension?

- (A) .png
- (B) .jpg
- (C) .tif
- (D) .mov