

COMPUTER MODEL TEST – 1

Section A: Computer Fundamentals

1. Which part of a computer is called the brain of the computer?

- A. Monitor
- B. CPU
- C. Keyboard
- D. Printer

2. CPU stands for:

- A. Central Processing Unit
- B. Computer Processing Utility
- C. Central Program Unit
- D. Control Processing User

3. Which of the following is an input device?

- A. Monitor
- B. Speaker
- C. Keyboard
- D. Projector

4. Which device is used to print documents on paper?

- A. Scanner
- B. Printer
- C. Monitor
- D. Joystick

5. Which memory is temporary and volatile?

- A. ROM
- B. RAM
- C. Hard disk
- D. CD-ROM

6. One byte is equal to:

- A. 4 bits
- B. 8 bits
- C. 16 bits
- D. Binary digits

7. Which number system uses only 0 and 1?

- A. Decimal
- B. Binary
- C. Octal
- D. Hexadecimal

8. The decimal equivalent of binary 1010 is:

- A. 8
- B. 10

C. 12

D. 14

9. Which is an example of system software?

- A. MS Word
- B. Operating system
- C. Calculator application
- D. Paint

10. Which of the following is application software?

- A. Linux
- B. Windows
- C. MS Excel
- D. BIOS

11. Which memory is permanently installed and normally cannot be modified easily?

- A. RAM
- B. ROM
- C. Cache
- D. Register

12. Which unit performs arithmetic and logical operations?

- A. CU
- B. ALU
- C. RAM
- D. BIOS

13. ALU stands for:

- A. Arithmetic Logic Unit
- B. Application Logic Utility
- C. Arithmetic Language Unit
- D. Advanced Logic User

14. Which device converts a paper document into a digital image?

- A. Scanner
- B. Printer
- C. Speaker
- D. Plotter

15. Which storage device generally has no moving mechanical parts?

- A. SSD
- B. Floppy disk

- C. Magnetic tape
- D. Hard disk drive

16. Which of the following is not an operating system?

- A. Windows
- B. Linux
- C. Android
- D. Oracle

17. The smallest unit of data is:

- A. Byte
- B. Bit
- C. Nibble
- D. Word

18. A group of four bits is called:

- A. Byte
- B. Nibble
- C. Word
- D. Record

19. Which device displays output visually?

- A. Monitor
- B. Keyboard
- C. Mouse
- D. Microphone

20. Which generation of computers used vacuum tubes?

- A. First generation
- B. Second generation
- C. Third generation
- D. Fourth generation

Section B: Operating System and Shortcuts

21. The main function of an operating system is to:

- A. Manage computer resources
- B. Create electricity
- C. Manufacture hardware
- D. Design websites only

22. Which operating system is open-source?

- A. Linux
- B. Windows
- C. iOS
- D. MS-DOS only

23. Starting a computer is called:

- A. Formatting
- B. Booting

- C. Debugging
- D. Scanning

24. GUI stands for:

- A. Graphical User Interface
- B. General Utility Internet
- C. Graphic User Instruction
- D. General User Input

25. Which shortcut is used to copy selected text?

- A. Ctrl + X
- B. Ctrl + C
- C. Ctrl + V
- D. Ctrl + Z

26. Which shortcut is used to paste copied content?

- A. Ctrl + P
- B. Ctrl + V
- C. Ctrl + A
- D. Ctrl + S

27. Which shortcut is generally used to save a file?

- A. Ctrl + S
- B. Ctrl + D
- C. Ctrl + F
- D. Ctrl + H

28. Which shortcut selects all content?

- A. Ctrl + A
- B. Ctrl + E
- C. Ctrl + L
- D. Ctrl + T

29. Which shortcut reverses the last action?

- A. Ctrl + Y
- B. Ctrl + Z
- C. Ctrl + R
- D. Ctrl + U

30. A folder is used to:

- A. Store and organize files
- B. Increase monitor brightness
- C. Print documents
- D. Remove the CPU

31. Which key is used to rename a selected file in Windows?

- A. F1
- B. F2

- C. F5
- D. F12

32. Which key refreshes a web page or desktop in Windows?

- A. F2
- B. F4
- C. F5
- D. F7

33. A process is:

- A. A program in execution
- B. A computer cable
- C. A printer cartridge
- D. A type of monitor

34. Multitasking means:

- A. Running more than one task at a time
- B. Using several keyboards
- C. Typing with both hands
- D. Connecting multiple printers only

35. Which operating system is commonly used in smartphones?

- A. Android
- B. Windows 98
- C. UNIX shell only
- D. DOS

Section C: MS Office

36. MS Word is primarily used for:

- A. Word processing
- B. Database administration only
- C. Video editing
- D. Network routing

37. MS Excel is primarily used for:

- A. Spreadsheets and calculations
- B. Drawing hardware circuits only
- C. Browsing websites
- D. Playing audio files

38. MS PowerPoint is used to create:

- A. Presentations
- B. Operating systems
- C. Computer viruses
- D. Database engines

39. In Excel, the intersection of a row and column is called a:

- A. Table
- B. Cell

- C. Page
- D. Record

40. An Excel formula generally begins with:

- A. #
- B. @
- C. =
- D. &

41. Which Excel function adds numbers?

- A. COUNT
- B. SUM
- C. TEXT
- D. LEFT

42. Which Excel function finds the average?

- A. AVG
- B. MEAN
- C. AVERAGE
- D. MID

43. A collection of worksheets is called a:

- A. Workbook
- B. Database
- C. Document
- D. Slide

44. Which feature creates personalized letters for multiple recipients?

- A. Mail Merge
- B. AutoCorrect
- C. WordArt
- D. Format Painter

45. Which alignment places text equally along both left and right margins?

- A. Left
- B. Right
- C. Center
- D. Justify

46. Which PowerPoint view is normally used to arrange slides?

- A. Slide Sorter
- B. Reading View
- C. Notes Page only
- D. Outline only

47. Which key starts a PowerPoint slideshow from the beginning?

- A. F1
- B. F5

- C. F7
- D. F12

48. The default file extension of a modern Word document is:

- A. .xlsx
- B. .pptx
- C. .docx
- D. .exe

49. The default file extension of a modern Excel workbook is:

- A. .docx
- B. .xlsx
- C. .pptx
- D. .html

50. Which tool copies formatting from one location to another?

- A. Format Painter
- B. Word Count
- C. Track Changes
- D. Mail Merge

Section D: Internet and Networking

51. LAN stands for:

- A. Local Area Network
- B. Large Access Network
- C. Logical Area Node
- D. Long Area Network

52. A network covering a large geographical area is called:

- A. LAN
- B. WAN
- C. PAN
- D. CAN only

53. The Internet is best described as:

- A. A worldwide network of networks
- B. A single computer
- C. A word processor
- D. A type of printer

54. Which device connects different networks?

- A. Router
- B. Keyboard
- C. Scanner
- D. Monitor

55. Which device connects computers within a local network and forwards data to the correct device?

- A. Switch
- B. Speaker
- C. Projector
- D. Webcam

56. An IP address is used to:

- A. Identify a device on a network
- B. Increase screen size
- C. Store printed pages
- D. Edit images

57. HTTP is mainly used for:

- A. Transferring web pages
- B. Sending electricity
- C. Formatting hard disks
- D. Creating spreadsheets

58. HTTPS is safer than HTTP because it:

- A. Uses encrypted communication
- B. Does not use the Internet
- C. Works only without a browser
- D. Deletes all cookies

59. DNS is used to:

- A. Convert domain names into IP addresses
- B. Compress video files
- C. Print web pages
- D. Remove malware automatically

60. Which of the following is a web browser?

- A. Google Chrome
- B. Google Drive
- C. Windows
- D. Excel

61. Which protocol is commonly used to send email?

- A. SMTP
- B. FTP
- C. HTTP only
- D. DHCP

62. Which protocol is commonly used to transfer files?

- A. FTP
- B. SMTP
- C. POP3 only
- D. ARP only

63. Wi-Fi is a technology used for:

- A. Wireless networking
- B. Printing without ink only

- C. Formatting documents
- D. Increasing RAM

64. Bluetooth is generally used for:

- A. Short-range wireless communication
- B. Long-distance satellite communication only
- C. Creating databases
- D. Web hosting

65. In a star topology, all devices are connected to a central:

- A. Hub or switch
- B. Printer cartridge
- C. Scanner
- D. CPU fan

Section E: Cyber Security

66. Malware means:

- A. Malicious software
- B. Mail software
- C. Management language
- D. Mathematical software

67. A computer virus is a program that:

- A. Can replicate and damage or modify files
- B. Increases internet speed
- C. Protects every file automatically
- D. Creates hardware

68. Phishing is an attempt to:

- A. Steal sensitive information through deception
- B. Repair a keyboard
- C. Improve computer graphics
- D. Compress files

69. A strong password should generally contain:

- A. Only your name
- B. A combination of letters, numbers, and symbols
- C. Only your birth date
- D. The word "password"

70. Two-factor authentication provides:

- A. An additional verification step
- B. Two computer monitors
- C. Two operating systems
- D. A second hard disk only

71. A firewall is used to:

- A. Monitor and control network traffic
- B. Clean the computer screen
- C. Increase printer speed
- D. Create presentations

72. Ransomware usually:

- A. Encrypts files and demands payment
- B. Improves file security for free
- C. Repairs damaged hardware
- D. Creates backups automatically

73. Which is the safest action when receiving a suspicious email attachment?

- A. Open it immediately
- B. Forward it to everyone
- C. Verify the sender and avoid opening it
- D. Disable antivirus software

74. Encryption converts readable data into:

- A. Ciphertext
- B. Hardware
- C. Plain paper
- D. An operating system

75. A backup is:

- A. An extra copy of data
- B. A type of virus
- C. A network cable
- D. A CPU component

Section F: Programming and Data Structures

76. An algorithm is:

- A. A step-by-step procedure for solving a problem
- B. A computer monitor
- C. A type of virus
- D. A storage device

77. A flowchart represents an algorithm using:

- A. Standard symbols
- B. Only paragraphs
- C. Audio signals
- D. Computer cables

78. Which symbol is commonly used for decision-making in a flowchart?

- A. Rectangle
- B. Diamond
- C. Circle
- D. Triangle

79. A variable is used to:

- A. Store a value that may change
- B. Print a document
- C. Connect a network
- D. Display a slide only

80. Which of the following is a programming language?

- A. Python
- B. Windows
- C. Google
- D. Keyboard

81. Which data type stores only True or False values?

- A. Integer
- B. Boolean
- C. String
- D. Float

82. A loop is used to:

- A. Repeat a block of instructions
- B. Shut down the computer
- C. Connect a printer
- D. Delete an operating system

83. In Python, which symbol is used for a single-line comment?

- A. //
- B. #
- C. /*
- D. --

84. Which data structure follows the LIFO principle?

- A. Queue
- B. Stack
- C. Array
- D. Graph

85. LIFO means:

- A. Last In, First Out
- B. Last Input, First Output
- C. Low In, Fast Out
- D. Long Input, Full Output

86. Which data structure follows the FIFO principle?

- A. Stack
- B. Queue
- C. Tree
- D. Graph

87. FIFO means:

- A. First In, First Out
- B. Fast Input, Fast Output
- C. File In, File Out
- D. First Instruction, Final Operation

88. OOP stands for:

- A. Object-Oriented Programming

- B. Operating Output Process
- C. Open Office Program
- D. Object Operating Protocol

89. The process of hiding internal implementation details is called:

- A. Encapsulation
- B. Compilation
- C. Iteration
- D. Searching

90. A compiler translates:

- A. High-level language into machine code
- B. Images into text only
- C. Hardware into software
- D. Sound into electricity

Section G: DBMS, Web and ICT

91. DBMS stands for:

- A. Database Management System
- B. Data Backup Management Service
- C. Digital Binary Memory System
- D. Database Machine Software

92. A database is:

- A. An organized collection of data
- B. A computer virus
- C. A network cable
- D. A type of monitor

93. In a relational database, data is generally stored in:

- A. Tables
- B. Slides
- C. Folders only
- D. Images only

94. A primary key is used to:

- A. Uniquely identify a record
- B. Format a hard disk
- C. Connect to Wi-Fi
- D. Display a webpage

95. SQL is used to:

- A. Manage and query databases
- B. Create computer hardware
- C. Edit only audio files
- D. Control monitor brightness

96. HTML is used to:

- A. Structure web pages
- B. Protect computers from viruses

- C. Manage databases only
- D. Compress files

97. CSS is mainly used to:

- A. Style and format web pages
- B. Store database records
- C. Send emails
- D. Scan documents

98. In ICT-based teaching, a smart board is mainly used to:

- A. Present interactive learning content
- B. Replace all teachers
- C. Increase electricity production
- D. Store unlimited files permanently

99. Formative assessment is conducted:

- A. During the learning process
- B. Only after a student leaves school
- C. Before admission only
- D. Only once at the end of life

100. The best use of technology in teaching is to:

- A. Support active, inclusive, and meaningful learning
- B. Replace all classroom interaction
- C. Make students memorize without understanding
- D. Use technology even when it does not support the lesson

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