Q&A Top 100 in Basic Computer

1. What is a computer?

   Answer: A computer is an electronic device that can receive, process, store, and output data.

2. What are the main components of a computer?

   Answer: The main components of a computer are the central processing unit (CPU), memory (RAM), storage devices (hard drive/SSD), and input/output devices (keyboard, mouse, monitor).

3. What is the CPU?

   Answer: The CPU (Central Processing Unit) is the "brain" of the computer responsible for executing instructions and performing calculations.

4. What is RAM?

   Answer: RAM (Random Access Memory) is the temporary memory used by the computer to store data and programs currently in use.

5. What is a motherboard?

   Answer: The motherboard is the main circuit board that connects and provides power to all other computer components.

6. What is an operating system?

   Answer: An operating system (OS) is software that manages computer hardware and provides services for applications to run.

7. What are the most common operating systems?

   Answer: Common operating systems include Windows, macOS, Linux, and Android.

8. What is a file system?

   Answer: A file system is a method used to organize and store data on storage devices.

9. What is a file path?

   Answer: A file path is the location of a file or folder in the file system, expressed in a

hierarchical manner.

10. What is a browser?

    Answer: A browser is software used to access and view websites on the internet.

11. What is a URL?

    Answer: A URL (Uniform Resource Locator) is the address used to access a website or web page.

12. What is a search engine?

    Answer: A search engine is a software system that retrieves information from the internet based on user queries.

13. What is a cookie?

    Answer: A cookie is a small piece of data stored on a user's computer by a website to remember user preferences and improve the browsing experience.

14. What is a virus?

    Answer: A virus is a malicious software program that can infect and damage computer systems.

15. What is a firewall?

    Answer: A firewall is a security system that protects a computer network from unauthorized access and attacks.

16. What is a network?

    Answer: A network is a collection of interconnected computers and devices that can communicate and share resources.

17. What is the internet?

    Answer: The internet is a global network of interconnected computer networks that enables communication and information sharing.

18. What is an IP address?

    Answer: An IP address is a unique numerical label assigned to each device connected to a network, allowing them to be identified.

19. What is a web server?

Answer: A web server is a computer that stores and serves web pages to clients over the internet.

20. What is cloud computing?

Answer: Cloud computing is the delivery of computing services over the internet, including storage, databases, software, and more.

21. What is a backup?

Answer: A backup is a copy of data created to prevent data loss in case of hardware failure or other issues.

22. What is a peripheral?

Answer: A peripheral is an external device connected to a computer, such as a printer, scanner, or external hard drive.

23. What is a USB?

Answer: USB (Universal Serial Bus) is a common interface used to connect devices like keyboards, mice, and external storage to computers.

24. What is a graphics card?

Answer: A graphics card is a component responsible for rendering images and graphics on a computer's display.

25. What is a spreadsheet?

Answer: A spreadsheet is a software application used for organizing, analyzing, and manipulating data in tabular form.

26. What is a database?

Answer: A database is a structured collection of data, organized and managed for easy retrieval and manipulation.

27. What is a cursor?

Answer: A cursor is a pointer or an indicator on a computer screen that responds to input from a mouse or keyboard.

28. What is a software license?

    Answer: A software license is a legal agreement that governs the use of software.

29. What is HTML?

    Answer: HTML (Hypertext Markup Language) is a markup language used to create web pages.

30. What is CSS?

    Answer: CSS (Cascading Style Sheets) is a style sheet language used to define the layout and presentation of HTML documents.

31. What is JavaScript?

    Answer: JavaScript is a programming language used to add interactivity and dynamic content to web pages.

32. What is the difference between hardware and software?

    Answer: Hardware refers to the physical components of a computer, while software refers to the programs and applications that run on the computer.

33. What is an input device?

    Answer: An input device allows users to enter data and commands into a computer, such as a keyboard or mouse.

34. What is an output device?

    Answer: An output device displays or presents data processed by a computer, such as a monitor or printer.

35. What is a command-line interface (CLI)?

    Answer: A command-line interface is a text-based method of interacting with a computer using commands.

36. What is a graphical user interface (GUI)?

    Answer: A graphical user interface is a visual way of interacting with a computer using icons, menus, and windows.

37. What is a desktop application?

Answer: A desktop application is software designed to be run on a personal computer rather than a web browser or mobile device.

38. What is a program?

    Answer: A program is a set of instructions that tells a computer how to perform specific tasks.

39. What is an algorithm?

    Answer: An algorithm is a step-by-step procedure or formula used to solve a problem or perform a specific task.

40. What is debugging?

    Answer: Debugging is the process of identifying and fixing errors or bugs in a program.

41. What is object-oriented programming (OOP)?

    Answer: Object-oriented programming is a programming paradigm that organizes code into objects with properties and methods.

42. What is a compiler?

    Answer: A compiler is software that translates source code written in a programming language into machine code that a computer can execute.

43. What is an interpreter?

    Answer: An interpreter is software that directly executes source code without the need for compilation.

44. What is a bit?

    Answer: A bit (binary digit) is the smallest unit of data in a computer, representing a 0 or a 1.

45. What is a byte?

    Answer: A byte is a unit of digital information composed of eight bits.

46. What is a gigabyte (GB)?

    Answer: A gigabyte is approximately one billion bytes of data.

47. What is a terabyte (TB)?

Answer: A terabyte is approximately one trillion bytes of data.

48. What is a petabyte (PB)?

Answer: A petabyte is approximately one quadrillion bytes of data.

49. What is a megahertz (MHz)?

Answer: A megahertz is one million cycles per second, used to measure the speed of a computer's processor.

50. What is a gigahertz (GHz)?

Answer: A gigahertz is one billion cycles per second, used to measure the speed of a computer's processor.

51. What is a modem?

Answer: A modem is a device that converts digital data to analog signals for transmission over telephone lines and vice versa.

52. What is a mouse?

Answer: A mouse is a pointing device used to control the cursor on a computer screen.

53. What is a keyboard?

Answer: A keyboard is an input device used to enter text and commands into a computer.

54. What is a barcode?

Answer: A barcode is an optical representation of data used for tracking products and inventory.

55. What is OCR?

Answer: OCR (Optical Character Recognition) is technology that converts scanned text or images into editable and searchable data.

56. What is a BIOS?

Answer: BIOS (Basic Input/Output System) is firmware used to initialize and control hardware during the computer's boot process.

57. What is a GUI builder?

Answer: A GUI builder is software that allows developers to design graphical user interfaces visually.

58. What is virtual memory?

Answer: Virtual memory is a technique that uses a portion of the hard drive as an extension of RAM to handle data overflow.

59. What is system software?

Answer: System software is software that manages and controls computer hardware and provides services for applications.

60. What is application software?

Answer: Application software is software designed for specific tasks or functions, such as word processing or spreadsheet applications.

61. What is a screenshot?

Answer: A screenshot is an image capture of what is displayed on a computer screen.

62. What is a cursor?

Answer: A cursor is a graphical representation of the current position on a computer screen.

63. What is a desktop icon?

Answer: A desktop icon is a small graphic or symbol that represents a file, folder, or application on the desktop.

64. What is a URL?

Answer: A URL (Uniform Resource Locator) is the address used to access a website or web page.

65. What is a hyperlink?

Answer: A hyperlink is a reference or connection to another web page or resource on the internet.

66. What is a LAN?

Answer: A LAN (Local Area Network) is a network of computers and devices located

within a limited geographical area, like an office or home.

67. What is a WAN?

Answer: A WAN (Wide Area Network) is a network that spans a large geographical area, connecting LANs and other networks.

68. What is a protocol?

Answer: A protocol is a set of rules and conventions used for communication between devices on a network.

69. What is encryption?

Answer: Encryption is the process of converting data into a code to protect it from unauthorized access.

70. What is decryption?

Answer: Decryption is the process of converting encrypted data back to its original form.

71. What is a cloud backup?

Answer: A cloud backup is a method of storing data on remote servers over the internet to prevent data loss.

72. What is a hotspot?

Answer: A hotspot is a public location that provides wireless internet access to users.

73. What is a cache?

Answer: A cache is a temporary storage area used to store frequently accessed data for quicker retrieval.

74. What is a flash drive?

Answer: A flash drive is a portable storage device that uses flash memory to store data.

75. What is a gigabit?

Answer: A gigabit is one billion bits of data.

76. What is a program file?

Answer: A program file is a file containing executable code, usually with a .exe or .app extension.

77. What is a document file?

Answer: A document file is a file used to store text and formatting, such as .docx or .pdf files.

78. What is a spreadsheet file?

Answer: A spreadsheet file is a file used to store data in rows and columns, often with .xlsx or .csv extensions.

79. What is a multimedia file?

Answer: A multimedia file is a file that includes various forms of media, such as images, audio, or video.

80. What is a program shortcut?

Answer: A program shortcut is an icon or link on the desktop or Start menu that allows quick access to a program.

81. What is a system tray?

Answer: The system tray is a part of the taskbar that displays system icons and notifications.

82. What is a software update?

Answer: A software update is a new version or patch released to fix bugs or improve features in an existing program.

83. What is a user account?

Answer: A user account is a profile that allows a specific user to access and use a computer.

84. What is a password?

Answer: A password is a secret combination of characters used to verify a user's identity.

85. What is a computer network?

Answer: A computer network is a collection of interconnected computers and devices that can communicate and share resources.

86. What is an intranet?

Answer: An intranet is a private network within an organization that allows employees to share information and collaborate.

87. What is an extranet?

Answer: An extranet is a private network that allows authorized external users to access certain information from an organization.

88. What is a server?

Answer: A server is a powerful computer or software system that provides services to other computers and devices on a network.

89. What is a client-server model?

Answer: The client-server model is a networking architecture where client devices request services from a central server.

90. What is a peer-to-peer network?

Answer: A peer-to-peer network is a decentralized network where devices communicate directly with each other without a central server.

91. What is a router?

Answer: A router is a networking device that forwards data packets between different networks.

92. What is an IP address?

Answer: An IP address is a unique numerical label assigned to each device on a network, allowing them to be identified.

93. What is a domain name?

Answer: A domain name is a human-readable address that represents the IP address of a website.

94. What is a DNS server?

Answer: A DNS server is a server that translates domain names into IP addresses.

95. What is DHCP?

Answer: DHCP (Dynamic Host Configuration Protocol) is a network protocol that automatically assigns IP addresses to devices.

96. What is a firewall?

Answer: A firewall is a security device that filters and controls incoming and outgoing network traffic.

97. What is a modem?

Answer: A modem is a device that modulates and demodulates signals to enable data transmission over communication lines.

98. What is a router?

Answer: A router is a networking device that forwards data packets between different networks.

99. What is a switch?

Answer: A switch is a networking device that connects devices within a local network and forwards data between them.

100. What is bandwidth?

Answer: Bandwidth is the maximum data transfer rate of a network or internet connection.

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