

100 Computer Fundamental Questions and Answers

Basic Computer Questions

1: What is a computer?

Answer: A computer is an electronic device that processes data into information.

2: What is the full form of CPU?

Answer: Central Processing Unit

3: CPU is also known as?

Answer: The brain of the computer

4: What is the full form of RAM?

Answer: Random Access Memory

5: What is the full form of ROM?

Answer: Read Only Memory

6: Which memory is volatile?

Answer: RAM

7: Which memory is permanent?

Answer: ROM

8: What is the full form of ALU?

Answer: Arithmetic Logic Unit

9: What is the full form of CU?

Answer: Control Unit

10: What is hardware?

Answer: Physical components of a computer

11: What is software?

Answer: A set of instructions that tells the computer what to do

12: What is an input device?

Answer: A device used to enter data into the computer

13: Give two examples of input devices.

Answer: Keyboard, Mouse

14: What is an output device?

Answer: A device that displays results

15: Give two examples of output devices.

Answer: Monitor, Printer

16: What is the full form of USB?

Answer: Universal Serial Bus

17: What is the full form of HDD?

Answer: Hard Disk Drive

18: What is the full form of SSD?

Answer: Solid State Drive

19: Which is faster, HDD or SSD?

Answer: SSD

20: What is data?

Answer: Raw facts and figures

21: What is information?

Answer: Processed data

22: What is an operating system?

Answer: System software that manages computer hardware and software

23: Give two examples of operating systems.

Answer: Windows, Linux

24: What is a file?

Answer: A collection of data stored in one unit

25: What is a folder?

Answer: A container used to organize files

Computer Components & Storage

26: What is a motherboard?

Answer: The main circuit board of a computer

27: What is a port?

Answer: A connection point for peripheral devices

28: What is BIOS?

Answer: Basic Input Output System

29: What is cache memory?

Answer: High-speed memory between CPU and RAM

30: What is a peripheral device?

Answer: External device connected to the computer

31: What is a printer?

Answer: An output device that prints documents

32: Name two types of printers.

Answer: Inkjet, Laser

33: What is a scanner?

Answer: An input device to scan images/text

34: What is a keyboard?

Answer: An input device used to type text

35: What is a mouse?

Answer: A pointing device

36: What is a monitor?

Answer: A visual display unit

37: What is storage?

Answer: The place where data is saved

38: What is primary memory?

Answer: Memory used by the CPU directly (RAM & ROM)

39: What is secondary memory?

Answer: Memory used for long-term storage (HDD, SSD)

40: What is a byte?

Answer: 8 bits

41: What is a bit?

Answer: Smallest unit of data (0 or 1)

42: 1 KB = how many bytes?

Answer: 1024 bytes

43: 1 MB = how many KB?

Answer: 1024 KB

44: 1 GB = how many MB?

Answer: 1024 MB

45: What is a hard disk?

Answer: Secondary storage device

46: What is a pen drive?

Answer: Portable USB storage device

47: What is CD-ROM?

Answer: Compact Disc Read Only Memory

48: What is DVD?

Answer: Digital Versatile Disc

49: What is Blu-ray?

Answer: High storage optical disc

50: What is a network?

Answer: A group of computers connected together

Internet, Networking & Software

51: What is the full form of WWW?

Answer: World Wide Web

52: What is the full form of URL?

Answer: Uniform Resource Locator

53: What is the full form of HTTP?

Answer: HyperText Transfer Protocol

54: What is the full form of HTTPS?

Answer: HyperText Transfer Protocol Secure

55: What is the full form of ISP?

Answer: Internet Service Provider

56: What is a browser?

Answer: Software used to access websites

57: Give two examples of web browsers.

Answer: Chrome, Firefox

58: What is the Internet?

Answer: A global network of computers

59: What is Wi-Fi?

Answer: Wireless network technology

60: What is a modem?

Answer: Device that connects to the internet

61: What is a router?

Answer: Device that routes network traffic

62: What is malware?

Answer: Malicious software

63: What is a virus?

Answer: A harmful program that can replicate itself

64: What is a firewall?

Answer: Security system to block unauthorized access

65: What is cloud storage?

Answer: Storing data on remote servers online

66: What is Google Drive?

Answer: Cloud storage service by Google

67: What is email?

Answer: Electronic mail

68: What is social media?

Answer: Online platforms for communication

69: What is a spreadsheet?

Answer: An application used for calculations (Excel)

70: What is a word processor?

Answer: Software used to create documents (MS Word)

71: What is presentation software?

Answer: Software to create slides (PowerPoint)

72: What is system software?

Answer: Software that controls hardware (OS)

73: What is application software?

Answer: Software used for specific tasks (Apps)

74: What is open-source software?

Answer: Software with free access to source code

75: What is proprietary software?

Answer: Paid/closed-source software

Advanced Fundamentals

76: What is programming?

Answer: Writing instructions for computers

77: Name two programming languages.

Answer: Python, Java

78: What is an algorithm?

Answer: Step-by-step method to solve a problem

79: What is a compiler?

Answer: Converts programming code to machine code

80: What is a command?

Answer: An instruction given to a computer

81: What is GUI?

Answer: Graphical User Interface

82: What is CLI?

Answer: Command Line Interface

83: What is AI?

Answer: Artificial Intelligence

84: What is machine learning?

Answer: Training computers to learn from data

85: What is a database?

Answer: Organized collection of data

86: What is SQL?

Answer: Structured Query Language

87: What is Bluetooth?

Answer: Short-range wireless technology

88: What is encryption?

Answer: Converting data into secret code

89: What is a QR code?

Answer: Machine-readable code used for scanning

90: What is an app?

Answer: Application software

91: What is a pixel?

Answer: Smallest unit of a digital image

92: What is screen resolution?

Answer: Number of pixels on the screen

93: What is a screenshot?

Answer: Capturing the screen image

94: What is multitasking?

Answer: Running multiple programs at the same time

95: What is reboot?

Answer: Restarting the computer

96: What is shutdown?

Answer: Turning off the computer

97: What is BIOS used for?

Answer: To initialize hardware at startup

98: What is formatting?

Answer: Preparing a storage device for use

99: What is a spreadsheet cell?

Answer: Intersection of row & column (Example: A1)

100: What is a hyperlink?

Answer: A clickable link that redirects to a web page

101: What is a backup?

Answer: A copy of important data stored separately