

BHASKAR KUMBHAR

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1. What is a Computer?

A computer is an electronic device that can perform various operations, including processing data, performing calculations, storing and retrieving information, and executing programs. It consists of hardware components such as a central processing unit (CPU), memory, storage devices, input devices, and output devices. Computers are used for a wide range of tasks, from word processing and web browsing to complex scientific simulations and data analysis.

2. What is RAM?

RAM, which stands for Random Access Memory, is a type of computer memory that is used to temporarily store data that is actively being used or processed by the computer's CPU. It is volatile memory, meaning that its contents are lost when the computer is powered off or restarted. RAM is crucial for the performance of a computer because it allows quick access to data and programs, making the computer run faster.

3. Where is data stored in a computer?

Data in a computer is stored in various locations, primarily in two types of storage:

- Primary Storage: This includes RAM, where data is temporarily stored while the computer is running. Data in RAM is volatile and is lost when the computer is turned off. It's used for active processes and programs.

- Secondary Storage: This includes devices like hard drives (HDDs) and solid-state drives (SSDs). Data is stored here for the long term, even when the computer is powered off. This is where files, applications, and the operating system are typically stored.

4. What is the input device used to type text and numbers on a document in the computer system?

The input device used to type text and numbers on a computer is typically a keyboard. Keyboards allow users to input alphanumeric characters, symbols, and other commands into a computer.

5. What are the output devices?

Output devices in a computer system are used to present or display information to the user. Common output devices include:

- Monitor or Display: Used to visually display text, images, videos, and other graphical content.

- Printer: Used to produce physical copies of documents, images, or graphics.
- Speakers: Used to produce audio output, including music, sound effects, and spoken words.

6. Which is the input device that allows a user to move the cursor or pointer on the screen?

The input device that allows a user to move the cursor or pointer on the screen is typically a mouse. Modern computers may also use touchpads or touchscreens for cursor control.

7. Which language is directly understood by the computer without a translation program?

The language directly understood by a computer without the need for translation is known as machine language or binary code. Machine language consists of binary instructions (0s and 1s) that the computer's CPU can execute directly. It is the lowest-level programming language and is used to write programs that can interact directly with the computer's hardware.

8. What are Input devices?

Input devices are hardware components or peripherals that allow users to input data, commands, or information into a computer system. These devices facilitate communication between the user and the computer. Common input devices include keyboards, mice, touchscreens, trackpads, scanners, microphones, and more. They enable users to interact with software applications and provide instructions to the computer.