

Computer Basics

Assignment

1. What is a Computer?

Ans 1. A Computer is an electronic device that is designed to perform various operations and computations using a combination of hardware and software. It is capable of receiving, processing, and outputting data in a structured and controlled manner.

2. What is RAM?

Ans 2. RAM stands for Random Access Memory. It is a type of computer memory that allows data to be read from and written to in any order, regardless of its location. Unlike a hard drive, which stores data permanently even when the power is turned off, RAM is a volatile memory, meaning that it only holds data temporarily while the computer is running and loses it when the power is turned off.

3. Where is data stored in a computer?

Ans 3. Data in a computer is stored in various types of storage devices, including hard disk drives(HDDs), solid-state drives(SDDs), memory cards, USB drives, and optical disks. The primary storage device in a computer is usually the hard disk drive, which is a magnetic disk that stores and retrieves digital information using rapidly rotating disks coated with magnetic material. The hard disk is typically located inside the computer's case and is used for long-term storage of data and programs.

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

Ans 4. The input device used to type text and numbers on a document in a computer system is a keyboard. Keyboards are available in various sizes, designs, and layouts, but they all perform the same basic function of allowing users to input alphanumeric characters, symbols, and commands into the computer. Keyboards can be connected to the computer through a USB port, a wireless connection, or a Bluetooth connection.

5. What are the output devices?

Ans 5. Output devices are hardware components that allow a computer to communicate with the user by displaying information or outputting data in a usable format. These devices take information from the computer and display it to the user in a visual or audio format. Examples of output devices: Monitor, Printer, Speakers, Projector, etc.

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

Ans 6. The input device that allows a user to move the cursor or pointer on the screen is typically a mouse. Other devices such as touchpads, trackballs, and pointing sticks can also perform this function. Additionally, touchscreens allow the user to move the cursor or pointer directly by touching the screen.

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

Ans 7. The language directly understood by computers without the need for a translation program is called machine level language. It consists of binary digits(0's and 1's) that represents the instructions and data that the computer can process.

8. What are Input devices?

Ans 8. Input devices are hardware components that allows users to enter data and commands into a computer or electronic device. These devices allow the user to interact with the computer and provide a means of communication between the user and the machine. Common examples of input devices are: Keyboard, Mouse, Microphone, Webcam,etc.

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