

# Assignment 1

## 1.What is a Computer ?

**ANS :** A computer is a programmable electronic device that accepts raw data as input and processes it with a set of instructions (a program) to produce the result as output. It renders output just after performing mathematical and logical operations and can save the output for future use. It can process numerical as well as non-numerical calculations. The term "computer" is derived from the Latin word "computare" which means to calculate.

## 2.What is RAM ?

**ANS :** RAM, which stands for Random Access Memory, is a hardware device generally located on the motherboard of a computer and acts as an internal memory of the CPU. It allows CPU store data, program, and program results when you switch on the computer. It is the read and write memory of a computer, which means the information can be written to it as well as read from it.

### 3. Where is data stored in a computer?

**ANS :** All data stored on storage media, such as hard disk drives (HDDs), solid state drives (SSDs), external hard drives, USB sticks, and SD cards, can be converted into a series of bits, also known as binary digits.

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

**ANS:** **Keyboard** - The most common input device used for entering text. Includes keys for word processing and data inputting, and for performing specific functions.

### 5. What are the output devices?

**ANS:** The output device displays the result of the processing of raw data that is entered in the computer through an input device. There are a number of output devices that display output in different ways such as text, images, hard copies, and audio or video.

Some of the popular output devices are:

1. Monitor

- CRT Monitor
- LCD Monitor
- LED Monitor
- Plasma Monitor

## 2. Printer

- Impact Printers
  - A. Character Printers
    - i. Dot Matrix printers
    - ii. Daisy Wheel printers
  - B. Line printers
    - i. Drum printers
    - ii. Chain printers
- Non-impact printers
  - A. Laser printers
  - B. Inkjet printers

## 3. Projector

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

**ANS: Mouse.** A mouse is a small handheld device pushed over a horizontal surface. A mouse moves the graphical pointer by being slid across a smooth surface.

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

**ANS:** MACHINE LANGUAGE IS DIRECTLY UNDERSTOOD BY THE COMPUTER WITHOUT TRANSLATION PROGRAM.

**8. What are Input devices?**

**ANS:** Input device enables the user to send data, information, or control signals to a computer. The Central Processing Unit (CPU) of a computer receives the input and processes it to produce the output.

**Some of the popular input devices are:**

1. Keyboard
2. Mouse
3. Scanner
4. Joystick
5. Light Pen
6. Digitizer
7. Microphone
8. Magnetic Ink Character Recognition (MICR)
9. Optical Character Reader (OCR)
10. Digital Camera
11. Paddle
12. Steering Wheel
13. Gesture recognition devices

14. Light Gun
15. Touch Pad
16. Remote
17. Touch screen
18. VR
19. Webcam
20. Biometric Devices