

*Caussanel Publications*

# STEP IN CAMPO

2



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# Preface



**C**omputers have radically changed the way life is run. Now a days no area of study or operation is without computers. They have been increasingly used in every walk of our life.

Those students having computer literacy excel in their chosen field .So learning computers has become a fancy . Even the summer vacation , a time for fun and frolic turns out to be a vocation to learning many skills and computer tops the list .

With the aim of providing an opportunity to learn computers in schools as part of learning the BEU the proven leader in the field of the publication of quality educational materials offers a series of five books of computers.

This collection of books prepared by experts provides a bird eye view of computers with illuminating illustrations dazzling diagrams and pleasant pictures.

As a mark of the celebration of BEU's Platinum Jubilee these books are released with the hope that no student goes without an opportunity to learn computer.

We request that the Heads of schools and our esteemed teachers will continue to patronize these books as they usually wholeheartedly do.

Any suggestions to improve these books is welcome.

Publishers



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## Chapter 1 - Input Devices

### Input Devices

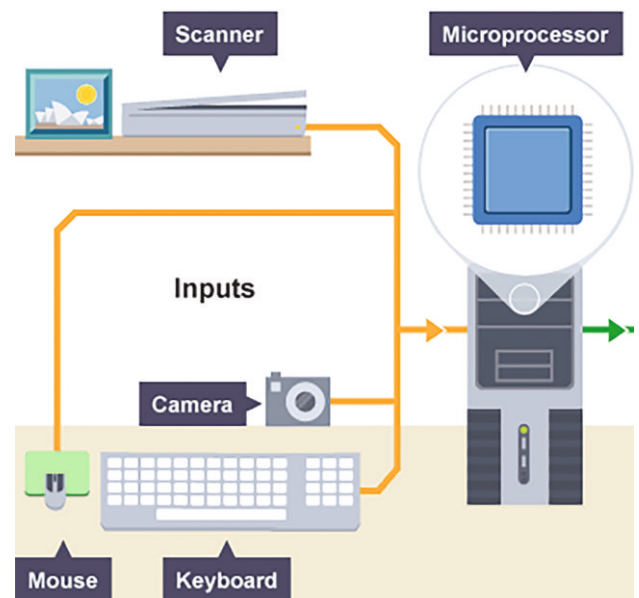
The devices that give information to the computer are called **Input devices**.



### Commonly used Input devices

Let us look at the list of some of the input devices which are used commonly and frequently.

- ◆ Keyboard
- ◆ Mouse
- ◆ Joystick
- ◆ Light Pen
- ◆ Scanner
- ◆ Microphone
- ◆ Digital camera





## KEYBOARD

Key board is an input device. Keyboard consists of different set of keys. These keys help us to type information into a computer.



When you type, you are giving information to the computer. So it is an input device.

## Mouse

Mouse is an input device. When you click on the mouse button, you give information to the computer and so it is an input device.



Mouse is a pointing device that helps to point and click and tell the computer what to do.

## JOYSTICK

Joystick is an input device. A joystick is a cursor control device used in computer games.



When you press the button on the joystick and move the stick, you instruct the computer to play as you wish, so it is an input device.

## LIGHT PEN

A Light Pen is a light-sensitive input device. That is used to select text, draw pictures and interact with user interface elements on a computer screen or monitor.



You can touch the monitor with this device and tell the computer what to do. So, it is an input device.

## SCANNER

Scanner is an input device. A scanner creates a digital copy of what is there on the paper.



A Scanner copies a text or an image from a paper into the computer. It converts a hard copy to soft copy.

## MICROPHONE OR MIC

Microphone is a multimedia device that allows us to record different sounds and speak to people.



You can talk using the mic and the voice can be recorded inside the computer, so it is an input device.

## DIGITAL CAMERA

Digital Camera is an input device.



You can click on the picture and connect it to the computer. When you do so, you give information into the computer in the form of picture.



- ❖ The devices that give information into a computer are called as Input Devices.
- ❖ Keyboard is used for typing.
- ❖ Mouse is used to select objects on the screen.
- ❖ Joystick is an input device through which you can input information into the computer by pressing the buttons.
- ❖ Light Pen is used to interact with computer.
- ❖ Scanner is used to create digital copy.
- ❖ Microphone records your voice and takes it as an input to the computer.
- ❖ Digital camera inputs picture into the computer.



# ACTIVITIES

## I. Choose the correct answer:

**Light pen, Games, Microphone, Input, Scanner**

1. Joystick is a device used to play .....
2. You can scan pictures using a .....
3. A device which puts information into a computer is an ..... device.
4. You can record your voice using a .....
5. .... is an input device used to interact with computer.

## II. Complete it:

1. SC  N  E
2. J  Y  T  CK
3. K  Y   A  D
4.   U  E
5. L   HT  E



### III. Tick the input devices you have learnt in this lesson:


















### IV. The input devices are cut into halves. Match their parts and name them:







## Chapter 2 - Output Devices

### Output Devices

- ❖ When you take information from the computer, it is called output.
- ❖ The device that are used to take information from the computer are called Output device.



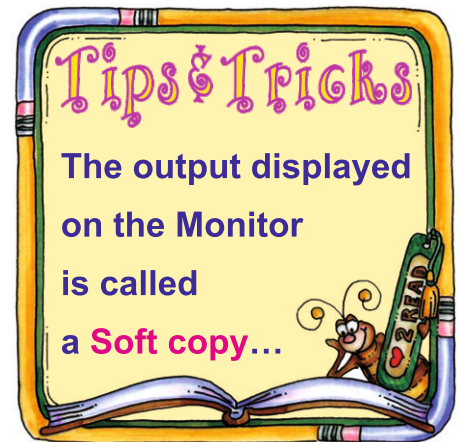
### Commonly used Output devices

Let us look at the list of some of the Output devices which are used commonly and frequently.

- \* Monitor
- \* Speakers
- \* Printers
- \* Headphones
- \* Touch Screen

## Monitor

Monitor is an output device. It looks like a television screen. We can also view pictures and cartoons using the monitor. It is also called as Visual Display Unit (VDU).



A Monitor can display information on its screen. So it is called as an output device.

## Types of Monitors

### CRT MONITOR (Cathode Ray Tube)



## LCD MONITOR (Liquid Crystal Display)



## LED MONITOR (Light Emitting Diodes)



## TOUCH SCREEN MONITOR





## Speakers

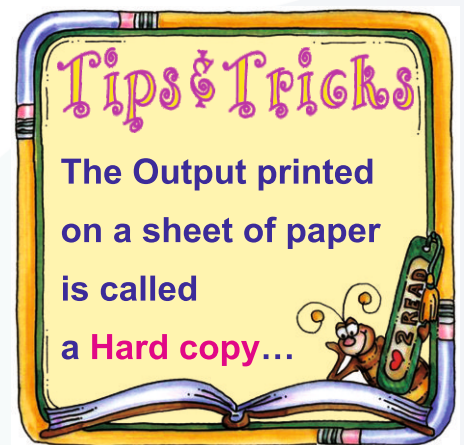
Speakers are output devices. It outputs the sounds and song that are played in your computer.



It makes sounds and you can hear music. So it is an output device.

## Printer

Printers are used to print documents and pictures. Any document or picture which you see on the screen can be taken on paper using a Printer. This copy on the paper is called a printout.



It gives you information on paper from what you see on the monitor. So it is an output device.



## Headphone



Headphones are output device like the speaker. You can listen to songs and music using the headphone.

## Touch Screen

Touch Screen is an input as well as an output device. You can give input and also see the output on the screen. (Eg. ATM Machines)



- ❖ The device that are used to take information from the computer are called Output Device.
- ❖ We can see the result on the screen using Monitor.
- ❖ You can listen to sounds using Speakers.
- ❖ Printers are used to print what you see on the screen onto a paper.
- ❖ Headphones are also used to listen to songs.
- ❖ Touch screen device is an input as well as an output device.

# ACTIVITIES

## I. Tick the output devices you have learnt in this lesson:



## II. Choose the correct answer:

**Printer, Touch Screen, Output, Headphones, Monitor**

1. When you take information from the computer it is .....
2. You can use the ..... to listen songs.
3. .... is an input as well as an output device.
4. .... device is used to display the results on the screen.