

# Images of input devices with names

## Input devices/ Accessories

Mainly input devices are two types drawing & pointing and scanner input devices.

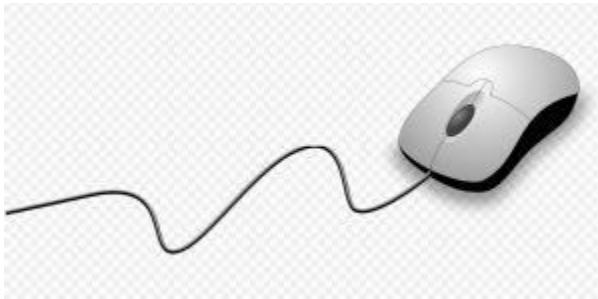
### Drawing and printing input devices

Some drawing and pointing devices are:



#### 1. Keyboard

A keyboard resembles as typewriter which contains a set of keys used to input data and control commands to the computer. The most common keyboard has 101 keys with 12 functions keys.



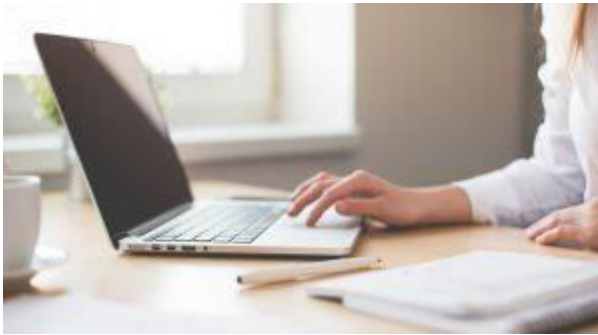
#### 2. Mouse

A mouse is a drawing and pointing device. A mouse has one or more buttons on the top. When a user rolls a mouse across the flat surface, the cursor moves on the screen on the direction of mouse movement.



### **3. Touchscreen**

This is the easiest way to enter data using the finger touch. A touchscreen allows the users to select an option by pressing a specific part of the screen.



### **4. Touchpad**

Many laptop computers use a touchpad in front of the keyboard. We move our finger on the pad to move the cursor on the screen.



### **5. Trackballs**

It is pointing devices and contains a ball which can be rotated in any direction. The user spins the ball in a different direction to move the cursor on the screen.



## 6. Joystick

It is a pointing device which is used to move the cursor position on the screen. A joystick is a stick which has a spherical ball at its lower ends as well as its upper ends. Joysticks are commonly used in playing the game.

## Scanner input devices



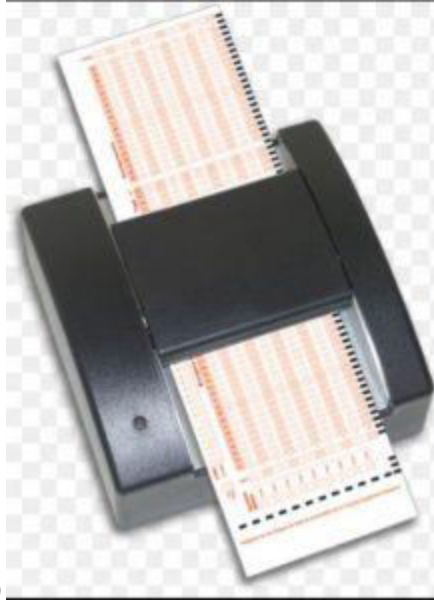
## 1. Scanner

A scanner is an input device that translate paper documents into an electronic format that can be stored in a computer.



## **2. Optical character reader (OCR)**

This scanner is equipped with OCR software that converts an image into equivalent ASCII (American standard code for information exchange) that is a scanner first creates the image of documents and then OCR software translates into ASCII text that the computer can interpret as letters, number and special characters.



### 3. Optical mark reader (OMR)

It is an input device which can detect the presence of mark of pen or pencil made in the boxes of special pre-printed forms. The OMR converts the marks into electrical pulses and transmitted to the computer for further processing. It is widely used in the objective type text, order forms, containing the small choice of items.



### 4. Optical bar-code reader (OBCR)

Data coded in the form of small lines are known as barcodes. Barcode represents alphanumeric data by the combination of adjacent vertical lines by varying their width and space between them. OBCR is an input device which is used for reading bar coded data from any item and convert them into electrical pulses for further processing by computer. There are many types of bar-coding system. The most common bar-coding system is a universal product code (UPC).



## 5. Magnetic ink character reader (MICR)

It is similar to OCR. It used by the banking industry for faster processing of large volume of cheques handled every day by this industry. A bank cheque has bank identification codes. Account number and cheque number are preprinted on it by using the character from a special character set. A special containing particle of iron oxide is used for a preprinting character on the cheque. When a cheque is presented for payments, then the bank uses MICR which helps to get the information of customers. After getting customers information computer will process accordingly.

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