

Lesson 1: Knowing about a Computer

Components of a Computer System

A computer is a combination of Input devices, Output devices and processing unit which works together to produce results.

In this worksheet, we will discuss about the Input Devices.

INPUT DEVICES

To enter the Input we require Input devices. There are a lot of devices like keyboard, mouse, touchscreen, microphone, scanner and digital camera which are used for the input purpose.

Keyboard

A keyboard helps us to enter data in the computer. It has alphabets, numbers and signs printed on its keys.



Mouse

By clicking on the mouse button, you give a command to the computer telling it what is to be done.



Touchscreen

In a touchscreen, we touch the graphical icons to execute the commands associated with them.



Touchpad

It allows you to move your finger across a pressure sensitive pad and press it to perform click action. It is mostly in Laptops.



Joystick

It consists of a stick and one or more push-buttons. It is often used to play video games.



It is used to copy text or graphical content of a paper into the computer in a computer readable form. The process of doing so is called scanning. We have the following types of scanners:

Scanner

- a) Flatbed Scanner: These have a flat glass plate onto which you place the content-filled paper/photograph to be scanned.
- b) Hand held Scanner: These are held in the hand and passed over the areas of the paper to scan.



It is a device that allows you to record voices or sounds and store them into computers, in a digital form.

Microphone

- a) Free Standing: The Free standing type is tall and is usually the least expensive.
- b) Headset Style: This style is integrated with the headphone to form a Headset.



A digital camera records pictures in a computer readable form rather than on a film. We have the following types of digital cameras.

Digital Camera

- a) Compact Digital Camera: These are compact, light weight and very easy to use and carry.
- b) Advanced Digital Camera: These contain quality lenses, extra flashes and advanced features.



Now, answer the following questions:

Q.1. Choose the correct option

1. _____ is a device that allows you to record voices or sounds and store them into computers, in a digital form.

- a) Keyboard
- b) Touchscreen
- c) Microphone
- d) Scanner

2. _____ is used to play video games.

- a) Joystick
- b) Touchpad
- c) Digital Camera
- d) Scanner

3. ____ uses a flat glass plate onto which you place the content-filled paper/photograph to be scanned.

- a) Flatbed Scanner b) Mouse c) Keyboard d) Advanced Digital Camera

4. A digital camera records pictures in the _____ form.

- a) Digital b) Input c) Processing d) Output

5. A computer is a combination of Input, Output and _____ devices.

- a) Printer b) Mouse c) Camera d) Processing

Q.2. Solve the crossword according to hints given:

5												
							1			6		
			2									
3												
	4											

Across

1. By clicking on the ____ button, you give a command to the computer.
2. ____ consists of a stick and one or more push-buttons.
3. In a _____, we touch the graphical icons to execute the commands associated with them.
4. _____ is a device that allows you to record voices or sounds and store them into computers, in a digital form.

Down

5. To enter the Input we require ____ devices.
6. ____ is used to copy text or graphical content of a paper into the computer in a computer readable form.

