

## Unit: 1 Building Blocks of Computing Devices.

1 List and explain the types of Personal Computers.

There are six types of Personal Computer.

- 1 Desktop PCs:
- 2 Laptop
- 3 Netbook
- 4 PDAs
- 5 Wearable Computers
- 6 Tablets.

1 Desktop PCs:

This computers are usually placed in a fixed location.

A monitor, mouse and keyboard can be seen as parts of a typical computer.

These computer are easy to upgrade and expand.

## 2. Laptops Computer:

Laptops are similar to desktop PCs in operation but we can move Laptops anywhere.

Laptop built with keyboard, Liquid crystal Display unit, a touch pad to act as mouse.

Laptops are smaller in size and weight less than the computer.

## 3. Netbook:

Netbook belong to the laptop family but this is smaller in size.

Netbook is very expensive and suitable for wireless communication.

Netbook cost is less than a laptop computer.

#### 4 PDAs:

PDA's Full Form is Personal Digital Assistants and also called palmtop computer.

The size of PDAs is smaller enough to keep it our palm.

PDAs may be used as a Cellular phone to send and receive calls, take pictures or record video etc.

#### 5 Wearable Computers:

These computers that can be worn on the body are known as Wearable Computer.

Wearable Computers is a constant interaction between the computer and users.

This computer is also use for monitoring healthcare system.

## 6. Tablets:

Tablets are mobile computer larger than PDAs and smaller than the Laptops.

Tablets usually operated by its touch screen and no formal keyboard are used.

Tablets have become famous and ideal for field technicians and health worker.

This are the type of Personal Computer

## 2. List Various Input Devices, Output Devices and Storage Devices.

=> Input Devices

This are the main input Devices.

- 1 keyboard
- 2 Pointing Devices
- 3 Scanners
- 4 Voice input System
- 5 Web Cam
- 6 Bar code readers
- 7 Optical Mark Reader
- 8 Scanner and Optical Character Recognition
- 9 Magnetic stripe Reader
- 10 Microphone
- 11 Sensors.

=> Output Devices.

- 1 Display Devices: A - CRT  
B - LCD  
C - LED  
D - PLASMA  
E - OLED
- 2 Printers : A - Impact Printers  
B - Non-Impact Printers
- 3 Plotters

4 Audio Devices : A - Speakers  
B - Headphones

=> Storage Devices:

- 1 Floppy Disks
- 2 Fixed Hard Disks
- 3 Portable Hard Disks
- 4 Magnetic tapes
- 5 Optical Backing
- 6 Memory Sticks
- 7 Flash memory cards.