

1.What is Computer?

Computer is an electronic device which used to read data, if is set of many electronic device that are used to read data processing it and gives then decided result to a program.

2.What is full form of Computer?

- C - Calculate
- O - Operator
- M - Memory
- P - Particular
- U - User
- T - Trade
- E - Education
- R - Research

3.Important of Computers :-

- ✓ Fast speed
- ✓ Accuracy
- ✓ Auto motion
- ✓ Storage
- ✓ Versatilities

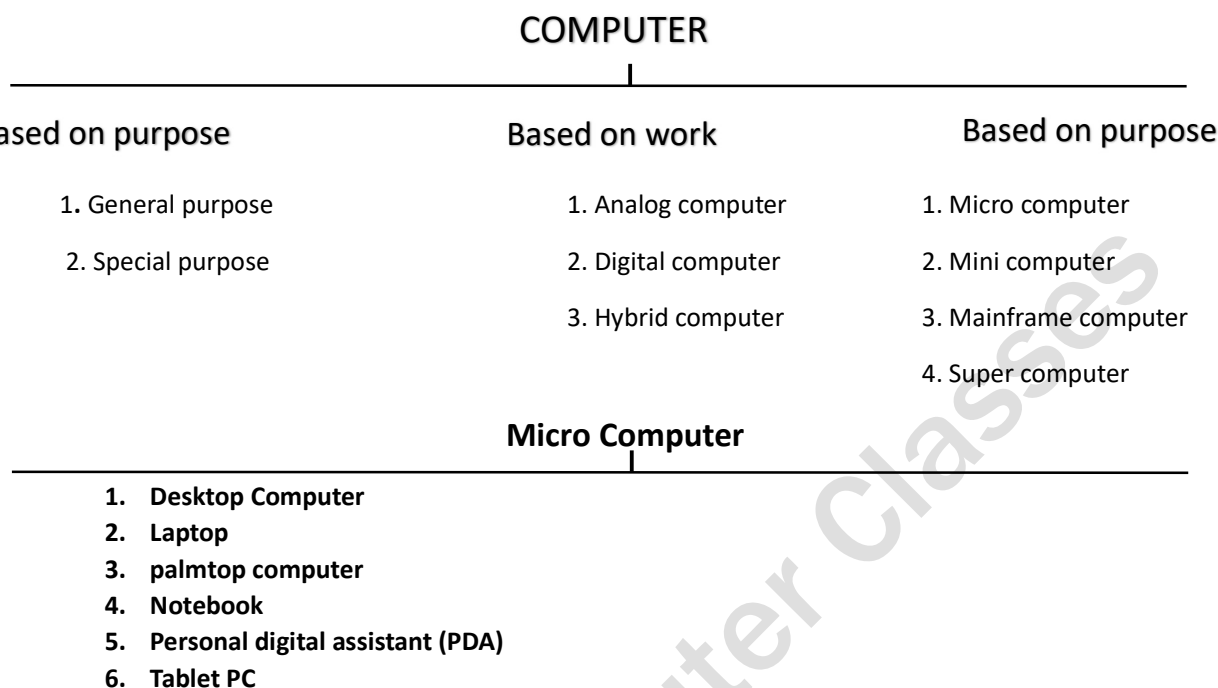
4.Parts of Computer :-

- i. Monitor
- ii. Mouse
- iii. Keyboard
- iv. Central processing unit (CPU)
- v. User power supply (UPS)
- vi. printer
- vii. plotter
- viii. pen drive

5.Basic work of Computer:-

- Input process output (IPO)
- Input process output system (IPOS)

6. Classification of Computer:-



7. What is Input device?

The device by which we give instruction to our computer are called **Input device**.

Example :-

- | | |
|---|-----------------------------------|
| • Keyboard | |
| • Mouse | |
| • Optical mark reader (OMR) | Use - For one day exam. |
| • Magnetic ink character recognition (MICR) | Use - Bank cheque drop. |
| • Bar code reader (BCR) | |
| • Quick response code (QR code) | Use - For Aadhar card. |
| • Scanner | Use - For hard copy to soft copy. |
| • Light pen | Use - For act monitor. |
| • Joystick | Use - For playing game. |
| • Maic | Use - For the speak. |

8. What is keyboard?

Keyboard is an input device used to input information into computers and other digital devices. It includes a set of keys and each Key has its own separate function. Keys are arranged in a predetermined layout, commonly known as **QWERTY** for English – language keyboards.

Founder of Keyboard :- Christopher Latham Sholes.

Types of keyboards :-

1. Qwerty Keyboards.
2. Wired Keyboards.
3. Numeric Keyboards.
4. Ergonomic Keyboards.
5. Wireless Keyboards.
6. USB Keyboards.
7. Bluetooth Keyboards.
8. Magic Keyboards.

Types of keys in keyboards :-

- **Function Keys :** (F1, F2, F3, F12) 12 digit
- **Numeric Keys :** (0, 1, 2, 9) 9 digit.
- **Symbol Keys :** (!, @, #,) 21 digit.
- **Alphabet keys :** (A, B, C, Z) 26 word.
- **Modifier or combination keys :** (Alt, Shift or Ctrl keys).
- **Navigation keys :** (Home, End, Page Up, Page Down).
- **Arrow keys :** It curser movement.
- **Window key :** Start button.
- **Fast key :** Tab.
- **Toggle keys :**
 1. Caps lock
 2. Num lock
 3. Scroll lock

Total button of Simple keyboard : 107 button + 3 button(Power, Sleep, Backup)

Total button of multimedia keyboard : 119 button + 3 button(Power, Sleep, Backup)

Biggest button on keyboard : Space button.

Smallest button of keyboard : Esc button.

9. What is Mouse?

Mouse is a small device that a computer user pushes across a desk surface in order to point to a place on a display screen and to select one or more actions to take from that position.

Founder of Mouse :- Dr. Douglas Engelbart

There are total three buttons in the mouse:- Left, Right or Scroller

- Mouse was earlier known as Buc.
- Mouse works on GUI base.
- Mouse is a Input device or pointing device.

Types of Mouse.

1. Mechanical Mouse/ Wall Mouse
2. Wireless Mouse
3. Optical Mouse

1. Mechanical Mouse :- A mouse that requires a flat surface to operate.

2. Wireless Mouse:- A mouse in which wire is not used.

3. Optical Mouse:- A mouse that not requires a flat surface to operate.

10. What is Output device?

The device that given result of our command that we had given to the computer are called **Output device**.

Example:-

- i. Monitor
- ii. Printer
- iii. Plotter
- iv. Sound
- v. speaker
- vi. Projector etc.

11. What is Monitor?

- A **monitor** is an output device that displays information being processed in a computer. It is also known as VDU or Visual display unit.

Founder of Monitor: - Karl Ferdinand Braun (in 1897)

Monitor

Black & White Monitor (Monochrome)

Full name CRT – **Cathode Ray Tube**

Full name LCD – **Liquid Crystal Display**

Full name TFT – **Thin Film Transistor**

Full name LED – **Light Emitting Diode**

Colorful Monitor (RGB)

- i. **CRT** Monitor
- ii. **TFT** Monitor
- iii. **LCD** Monitor
- iv. **LED** Monitor

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