

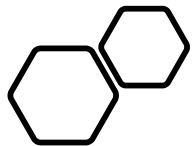
SAFALTA CLASS<sup>TM</sup>

An Initiative by **अमरउजाला**

# **PARTS OF COMPUTER COMPUTER SPECIAL CLASS**

**SSC CGL / CHSL /  
RAILWAY / BANKING**

**21 and 22 SEP 2020 | 06:30 PM – 08:00 PM**



# PARTS OF COMPUTER

By: Dheerendra Sir



➤ **COMPUTER SYSTEM IS THE COMBINATION OF HARDWARE AND SOFTWARE**

**HARDWARE** + **SOFTWARE** = **COMPUTER**



## Parts of Computer

Computer is divided into two parts:-

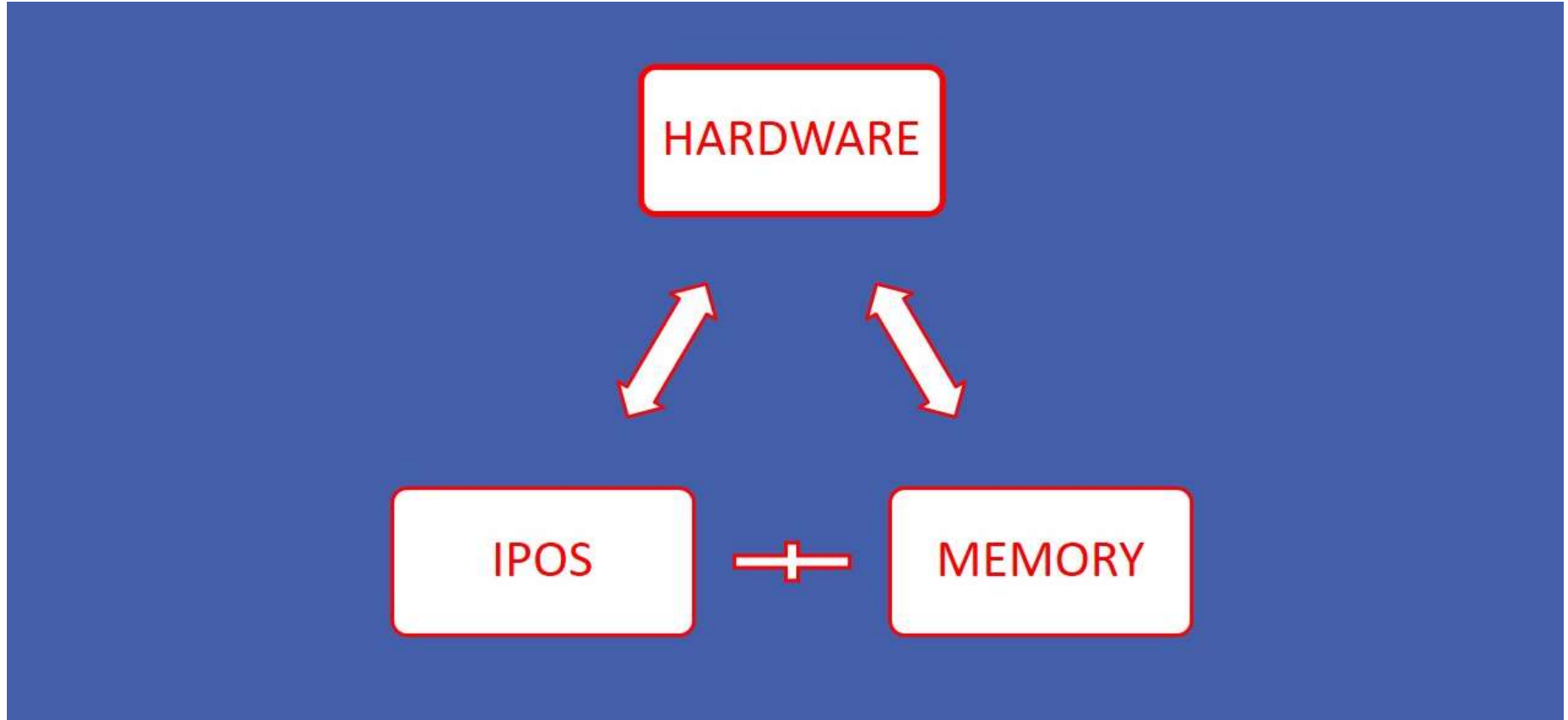
- **Hard ware**
- **Software**

✓ **Hardware** - Hardware is any other physical parts of the computer that can be seen by eyes And felt by touching.

Hardware is divided into two parts one is **CPU** and other is **Peripheral Device**

➤ **CPU** stands for Central Processing Unit....and considered as Brain of a computer

✓ **Software** - Software is a collection of program



# HARDWARE



**Peripheral Device-:** Peripheral is other external parts of the computer.

**Example of peripheral Device-**

- (1) Input Device
- (2) Output device
- (3) Storage Device

**Input** – entering information into the computer is called input



# IPOS CHART

## INPUT

MOUSE  
KEYBOARD  
OCR  
BCR  
OMR  
MICR  
STYLUS  
SCANNER  
JOYSTICK  
WEBCAM  
LIGHTPEN  
TRACKBALL  
TOUCHPAD  
BIOMETRICS  
MICROPHONE  
TOUCHSCREEN  
BARCODE READER  
QR CODE

## PROCESS

MICRO PROCESSOR  
RAM/ROM  
MOTHERBOARD

## OUTPUT

MONITOR  
PRINTER  
SPEAKER  
PLOTTER  
PROJECTOR

## STORAGE

FLOPPY DISK  
HARD DISK  
OPTICAL DISC  
(CD, DVD, BLU-RAY)  
PEN DRIVE  
ZIP DRIVE  
TAPE DRIVE  
MEMORY CARD

## • **Input Device-:**

- **Keyboard**-Keyboard is the king of Input device
- **Mouse**- mouse is a pointing device
- **Stylus**- Stylus used for PDA (Personal Digital Assistant)
- **Light Pen**-Light Pen is also pointing device
- **Joystick**-Joystick is used for Gaming
- **Digitizing Tablet**-the tablet have special commands to convert drawings,photos,etc to digital form
- **Scanner**-hard copy to soft copy
- **OCR**-Optical Character reader
- **BCR**-Bar Code reader
- **MICR**-Magnetic Ink Character Recognition/Reader
- **OMR**-Optical Marks Reader

## • **Audio Input Device**

**Microphone**

**MIDI** stands for (Musical Instrument Digital Interface)

• **Output Device-:** Output Device provides two types of Output  
One is Soft Copy and Other is Hard Copy

- **Monitor -:** provide Soft Copy Output
- **Projector-:** provide Soft Copy output
- **Printer -:** provide Hard Copy output
- **Plotter -:** provide Hard Copy Output
- **Speaker**
- **Headphone**

## Storage Device (Secondary Storage Device, Auxiliary Storage Device)-:

▪ **Sequential Access Device (SAD)-:** Magnetic Tape is a Sequential Access Device

▪ **Direct Access Device (DAD)-:**

• **Magnetic Disk-:**

✓ **H.D.D-:** Hard Disk Drive store large amount of Data

✓ **Floppy Disk Drive**

Three types of Floppy Disk are as follows-:

1. 3.5" floppy disk drive
2. 5.25" floppy disk drive
3. 8" floppy disk drive

• **Optical Disk-:**

✓ **CD-:** CD stands for Compact Disk and maximum storage **700 MB**

✓ **DVD-:** DVD stands for Digital Versatile Disk maximum storage **4.7 GB**

✓ **BRD-:** BRD stands for Blue Ray Disk maximum Storage **25 to 50 GB**

✓ **HVD-** Holographic Versatile Disc maximum Storage **6 TB**

## Memory Unit in Computer -

Smallest storage Unit in Computer----Bit

Bit stands for Binary Digit ie.0 or 1

1 nibble = 4 bit = ½ byte

2 nibble = 8 bit

1 byte = 8 bit

1024 Byte = 1 KB (Kilo Byte)

1024 KB = 1 MB (Mega Byte)

1024 MB = 1 GB (Giga Byte)

1024 GB = 1 TB (Tera Byte)

1024 TB = 1 PB (Peta Byte)

1024 PB = 1 EB (Exa Byte)

1024 EB = 1 ZB (Zetta Byte)

1024 ZB = 1 YB (Yotta Byte)

1024 YB = 1 BB ( Bronto Byte)

Largest Storage Unit in Computer – Bronto Byte

### Memory unit in approximation -:

One Kilobyte equals approximately ----1 thousand byte

One megabyte equals approximately --1 million bytes.

One Gigabyte equals approx-----1 billion byte

One Terabyte equals approx-----1 Trillion byte



**Don't Forget to Like /  
Comment & Share this  
video**