

PHARMACIST BOOSTER - 41

 **COMPUTER** 

COMPUTER FUNDAMENTALS

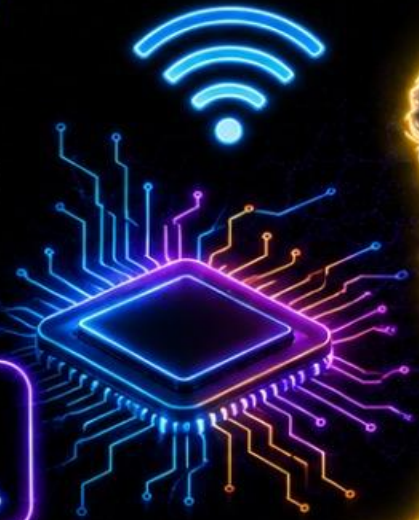


Important for **RRB, AIIMS, ESIC, SEPOY, CISF, GSSSB, DSSSB, SSC, CGHS** etc.



Concept + Revision
कॉन्सेप्ट + रिवीजन

हिंदी + English में



-  COMPUTER BASICS
-  OPERATING SYSTEM
-  MS OFFICE
-  INTERNET
-  HARDWARE & SOFTWARE
-  SHORTCUT KEYS
-  TYPES OF MEMORY

 **EXAM
FOCUSED**

Vijay Sir

CLICK ON BANNER TO WATCH VIDEO

HARDWARE AND SOFTWARE



HARDWARE

Hardware refers to the **physical** parts of a computer that can be seen and touched.

EXAMPLES



Keyboard



Mouse



Monitor



CPU



Printer

VS



SOFTWARE

Software refers to a set of **programs** or **instructions** that tells the computer what to do.

EXAMPLES



Windows



MS Word



Google Chrome



Photoshop



VLC Player



Hardware are the **physical components** of a computer system.



Software are the **programs and instructions** that run on hardware.

★ TOGETHER, **HARDWARE** AND **SOFTWARE** MAKE A COMPUTER SYSTEM WORK. ★



1. Keyboard is an **input device**.
2. **QWERTY** is the standard keyboard layout.
3. Spacebar is the longest key.
4. Keyboard has **12 function keys**.
5. Function keys are **F1–F12**.
7. Standard keyboard usually has **104 keys**.
8. Laptop keyboards may have **84–102 keys**.
9. Keyboard contains alphabet, numeric, function, and control keys.

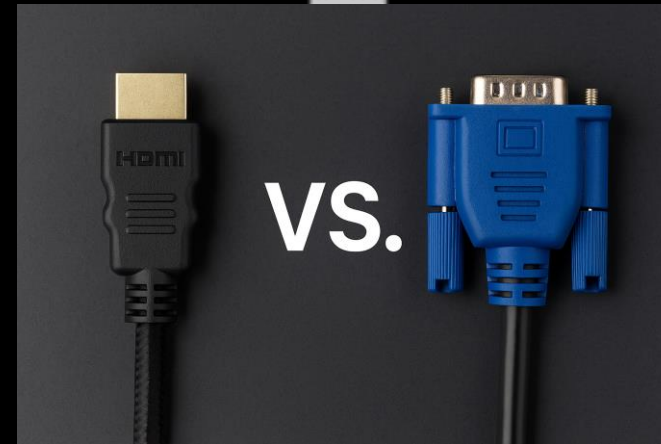
Mouse

- Mouse is an **input device**.
- Mouse is used to **control cursor on screen**.
- **Douglas Engelbart** invented the computer mouse.
- Left click is used to select items.
- Right click opens shortcut menu.
- **Optical mouse uses LED/light sensor**.
- Wireless mouse works using Bluetooth or USB receiver.
- **Double click** opens files and folders.
- **Drag and drop** is done using mouse.
- Mouse generally has **2 buttons and 1 scroll wheel**.
- **Touchpad** is an alternative to mouse in laptops.



Monitor

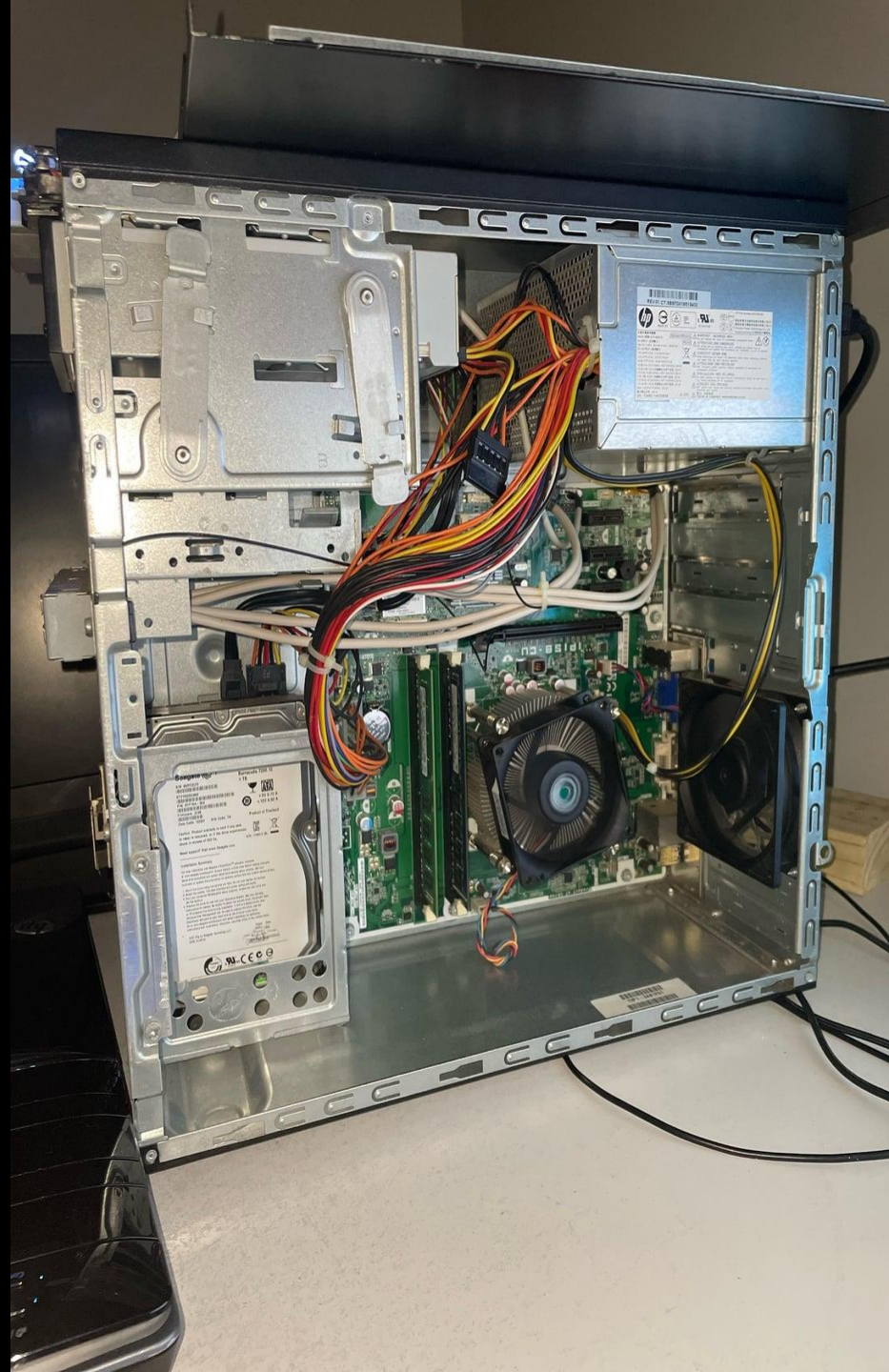
- Monitor is an **output device**.
- Monitor **displays information** on screen.
- Monitor is also called **VDU (Visual Display Unit)**.
- **LCD** means **Liquid Crystal Display**.
- LED monitors consume less power.
- **Pixels** are the **tiny dots** on screen.
- Higher resolution gives better image quality.
- Monitor size is **measured in inches**.
- **HDMI** and **VGA** are monitor connection ports.
- Flat panel monitors are commonly used today.
- Monitor helps in visual output of computer data.



VGA: Video Graphics Array
HDMI: High-Definition Multimedia Interface

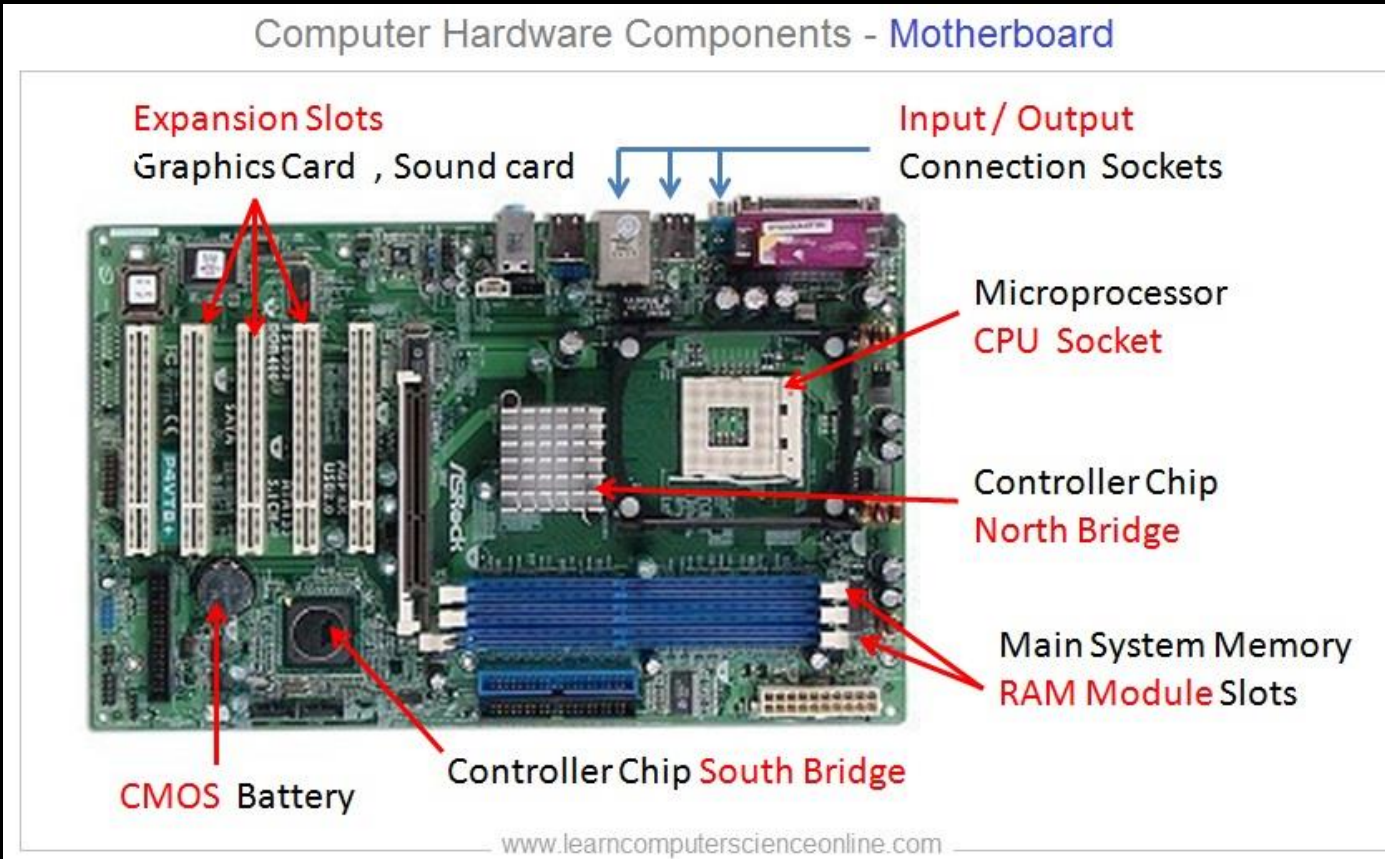
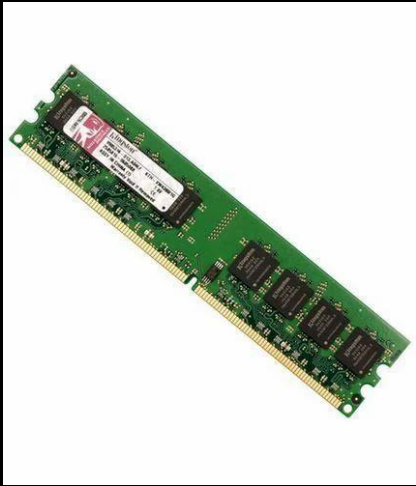
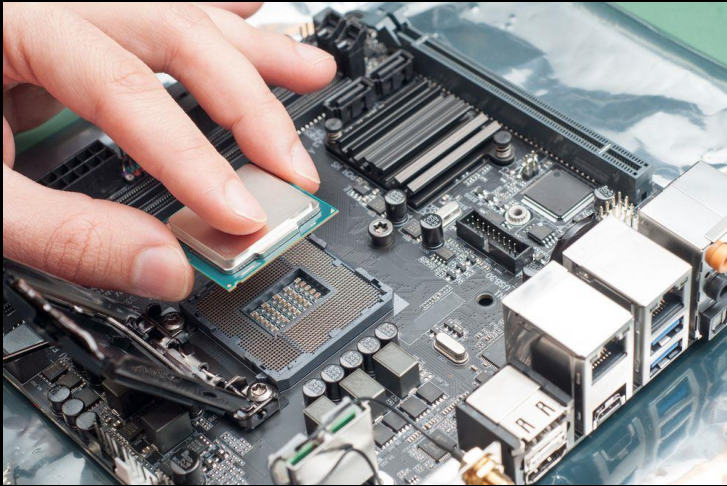


CPU



CPU

- CPU is called the **brain of computer**.
- CPU stands for **Central Processing Unit**.
- CPU performs **calculations and processing**.
- **CPU controls all computer operations**.
- CPU is present on **motherboard**.
- CPU **processes input into output**.
- CPU speed is measured in **GHz**.
- Intel and AMD are famous CPU manufacturers.
- CPU works with **RAM** for processing data.
- Faster CPU gives better performance.
- CPU is essential for functioning of computer.



Printer

Printer is an **output device**.

Printer is used to **produce hard copy**.

Printer quality is measured in DPI.

DPI means Dots Per Inch.

Printer converts soft copy into hard copy.

COMMAND : CONTROL + P



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MOST IMPORTANT COMPUTER SOFTWARE FOR WORK

-  Microsoft Word → Document writing
-  Microsoft Excel → Calculations & spreadsheets
-  Microsoft PowerPoint → Presentations
-  Google Chrome → Internet browsing
-  Adobe Photoshop → Image editing
-  Canva → Graphic designing
-  VLC Media Player → Audio & video player
-  Zoom → Online meetings/classes
-  Tally → Accounting software
-  Antivirus Software → Computer protection

Software refers to a set of programs and instructions that tells the computer what to do.