



**S. S Jain Subodh P.G. (Autonomous) College**

**SUBJECT - FUNDAMENTALS OF COMPUTER**

**TITLE – COMPUTER BASICS**

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# Computer Basics



## The Role of Computers

- In Business and Industry
- In Publication Field
- In Education Field
- In Government Organizations
- In Medical Field
- In Science Field
- In Entertainment Field



## Parts of a Computer

1. Input Devices (Keyboard, Mouse, etc.)
2. Output Devices (Monitor, Speakers, etc.)
3. Central Processing Unit (CPU) and memory
4. Motherboard (Circuit Board)
5. Expansion Cards (Video Card, Sound Card, or NIC)
6. Hard Drive Ports and Connections (USB, Firewire, etc.)



# Input Devices

- Mouse
- Keyboard
- Microphone
- Scanner
- Webcam





# Output Devices

- Monitor
- Printer
- Speaker/Headphone





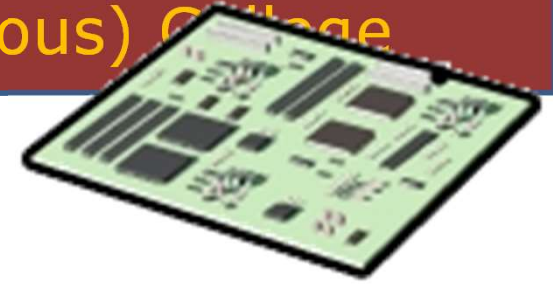
# Central Processing Unit (CPU)

- A device that interprets and runs the commands that you give to the computer.
- Also referred to as the processor.
- Two major brands are Intel and AMD.
- Examples: Intel Core 2 Duo, AMD Turion X2



# Memory

- Memory is where information is stored and retrieved by the CPU.
- There are two main types of memory:
  - Random Access Memory (RAM): It is the main memory and allows you to temporarily store commands and data.
  - Read Only Memory (ROM): It is the memory that retains its contents even after the computer is turned off.



# Motherboard

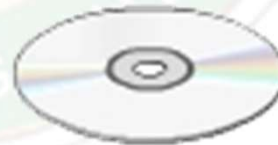
- Is the main circuit board inside the computer.
- Has tiny electronic circuits and other components on it.
- Connects input, output, and processing devices together (CPU, Memory, Hard Drive, DVD Drive)
- Tells the CPU how to run.





# Storage Devices

- Hard Disk
- Flash Drive
- CD-ROM
- DVD-ROM





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# Questions

