

Dr.SNS RAJALAKSHMI COLLEGE OF ARTS AND SCIENCE
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Coimbatore- 49



**DEPARTMENT OF COMMERCE WITH INFORMATION
TECHNOLOGY**

21UCI507 -Business Information Technology
Introduction to Computer & Characteristics of computers

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- An electronic programmable device
- Accepts data (input)
- Processes data
- Produces information (output)
- Stores data

Devices that comprise a computer system

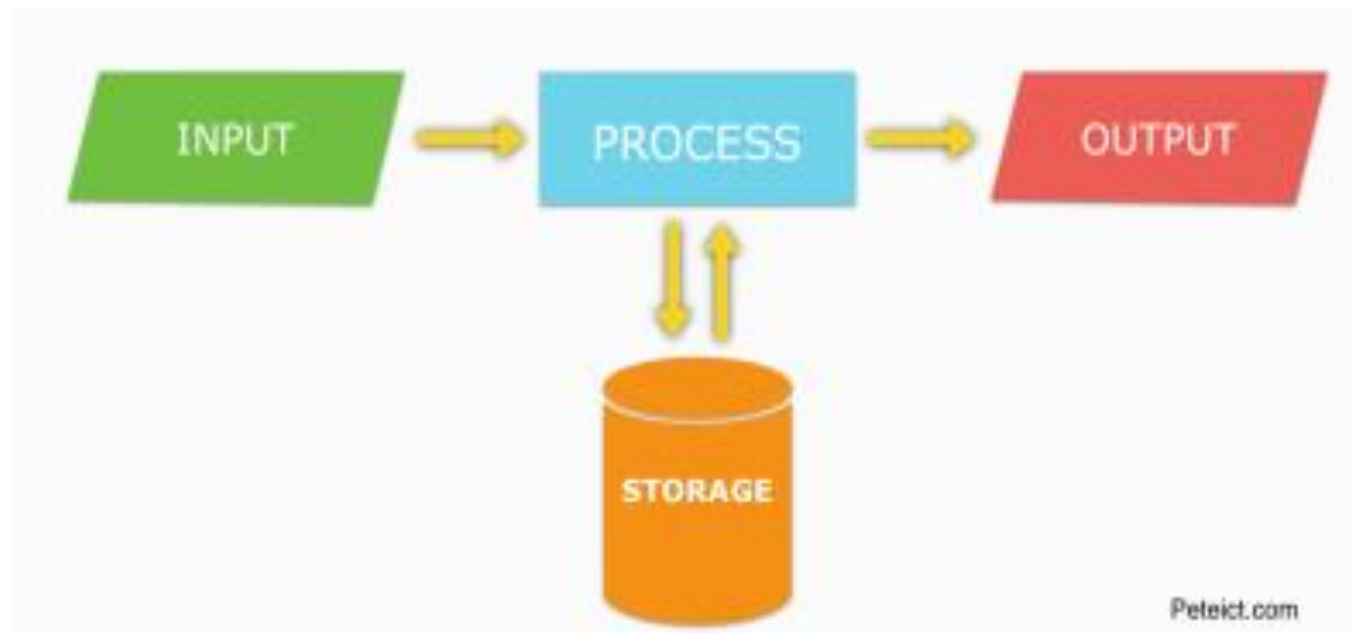
Devices that comprise a computer system



What Does A Computer Do?

Computers can perform four general operations, which comprise the information processing cycle.

- Input
- Process
- Output
- Storage Data



- Data - collection of raw facts, figures and symbols, such as numbers, words, images, video and sound, given to the computer during the input phase.
- Manipulate data to create information. Information is data that is organized, meaningful, and useful.
- During the output phase, the information that has been created is put into some form, such as a printed report.
- The information can also be put in computer storage for future use.

Why is a Computer so Powerful?



- The ability to perform the information processing cycle with amazing speed.
- Reliability (low failure rate).
- Accuracy.
- Ability to store huge amounts of data and information.
- Ability to communicate with other computers.

How Does a Computer Know what to do?



- Detailed list of instructions, called a computer program or software, that tells it exactly what to do.
- Before processing a specific job, the computer program corresponding to that job must be stored in memory.
- Once the program is stored in memory the computer can start the operation by executing the program instructions one after the other.

Uses of Computer

Computer Uses



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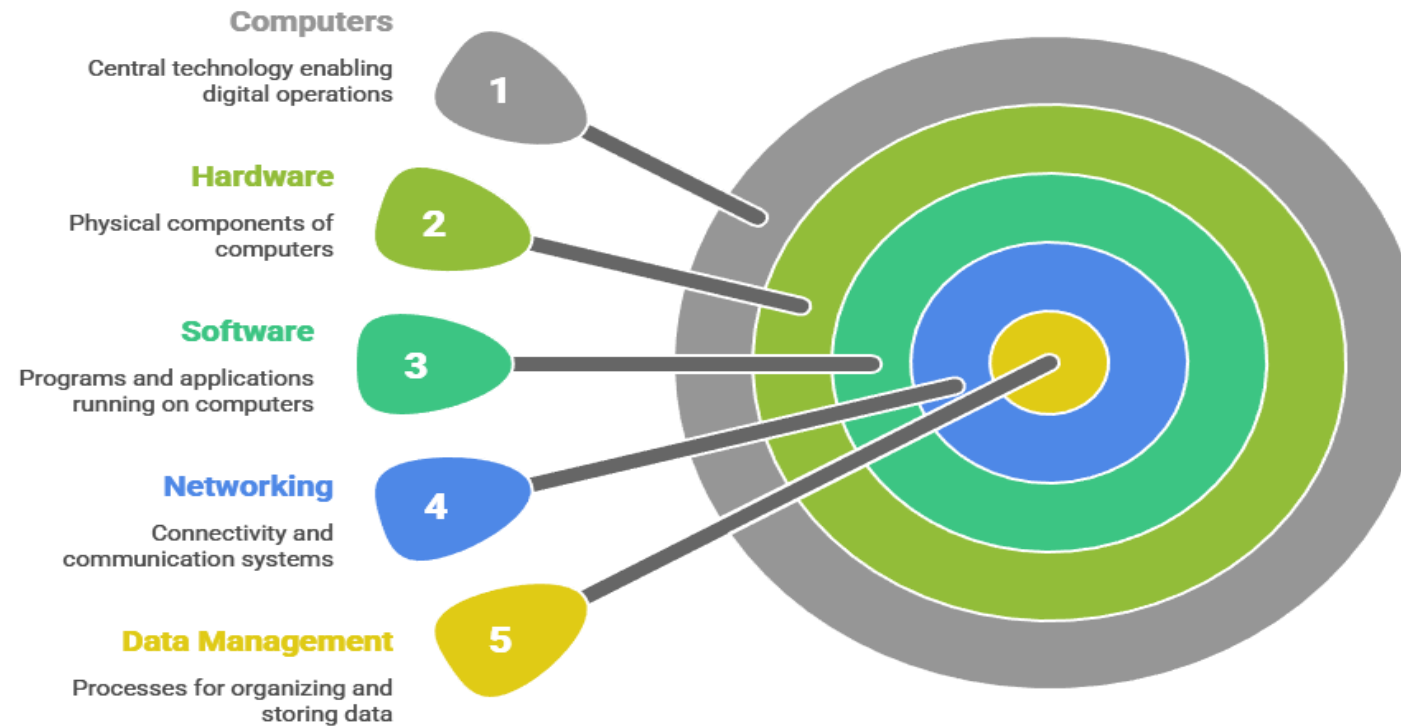
Characteristics of a Computer

- **Speed** – Performs millions of operations per second.
- **Accuracy** – Produces highly accurate results.
- **Automation** – Works automatically once programmed.
- **Storage Capacity** – Can store large amounts of data.
- **Versatility** – Can perform multiple types of tasks.
- **Diligence** – Does repetitive tasks without getting tired.



MIND MAP OF COMPUTER

Introduction to Computer Concepts



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ASSESSMENT -QUIZ



1. Which of the following best defines a computer?

- A. A machine that stores food
 - B. An electronic device that processes data into meaningful information
 - C. A device used only for gaming
 - D. A mechanical machine used for transportation
- Answer: B**

2. Which characteristic of a computer refers to its ability to perform billions of operations per second?

- A. Versatility
 - B. Reliability
 - C. Speed
 - D. Automation
- Answer: C**

3. Computers can perform different types of tasks such as calculations, designing, data storage, etc. This refers to which characteristic?

- A. Versatility
 - B. Accuracy
 - C. Storage capacity
 - D. Diligence
- Answer: A**

4. The ability of a computer to store large amounts of data and retrieve it whenever required is

known as:

- A. Speed
- B. Memory
- C. Diligence
- D. Accuracy

Answer: B

5. Computers do not get tired, bored, or lose concentration even after long hours of work. This

refers to:

- A. Diligence
- B. Automation
- C. Versatility
- D. Speed

Answer: A

Next Topic: Generations of Computer

Thank You