

CLASS : III

SUBJECT : COMPUTER

CHAPTER NUMBER:1

CHAPTER NAME :PARTS OF A COMPUTER

**SUBTOPIC : PARTS OF COMPUTER, WHAT MAKES A COMPUTER POWERFUL?,
DISADVANTAGES OF A COMPUTER**

CHANGING YOUR TOMORROW

CENTRAL PROCESSING UNIT (CPU)

It is the brain of a computer that processes all the instructions given to the computer. It does all the calculations and displays the result on the monitor. It also stores a lot of information.

A CPU consists of three main parts. They are – MU, CU and ALU.

Memory Unit (MU)

- In Memory Unit, we can store information or data according to our need. The information in the memory can be changed and recalled on the screen, whenever needed. The data and instructions are also stored in the memory unit, which are to be processed.

Control Unit (CU)

- The control unit works like a traffic policeman. It controls and manages the working of all the parts of a computer.

Arithmetic and Logic Unit (ALU)

- The ALU unit performs all the arithmetic calculations, like addition, subtraction, multiplication, and division. It also performs logical operations.

MOUSE

- A mouse is a pointing device.
- It is connected to the CPU by a cable.
- A mouse usually has two buttons on it.
- It is used to point, select, and move any object on the screen.
- When we move a mouse with our hand, a pointer on the screen moves in the same direction. It also helps to draw pictures.
- Now a days, the most commonly used mouse is the one that has a scroll wheel in the center of the two buttons.

WHAT MAKES A COMPUTER POWERFUL?

Speed	A computer works very fast and can do a large number of calculations quickly.
Reliability	Computers are quite reliable. They do not make any mistakes.
Storage	A computer can store a large amount of data, which can be used anytime.
Versatility	A computer can perform a variety of tasks and is used in almost all the fields.
Accuracy	A computer always gives correct results. Mistakes are normally done from a user's side.
Diligence	A computer can work for long hours without getting tired.
Multitasking	A computer can do many things at the same time.

DISADVANTAGES OF A COMPUTER

A computer is a useful learning tool, but it has some disadvantages, too.

Some of them are as follows :

Intelligence Quotient (Zero IQ) : A computer does not have an IQ or its own intelligence.

By mistake if you enter the incorrect input, it will give the wrong result.

Health : Working on a computer for long hours can affect your eyesight. It can also become the cause of obesity in people.

Electricity : A computer depends on electricity and cannot work for a long time without it.

Costly : It is a costly device.

<https://www.youtube.com/watch?v=dWEUzRHpe6o>

LEARNING OUTCOME:

Students will learn about the how does computer work and advantage and disadvantage of computer.

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