

# Computer

## Introduction :-

Today Computer has become an essential part of human beings' daily life. It can be seen in various areas such as at offices, homes, school, colleges, hotels, shops etc. The use of Computer and advancement in technology has made human's life easier and relaxed. For example - People can write the draft on Word Processor and mail it immediately. People can do large calculation in micro-seconds on electronic spread sheet. Also, people can maintain a database of their friends with their phone numbers, address and e-mail IDs etc.

Computer is an electronic device that mainly has three characteristics:

- 1) Receiving data
- 2) Processing data, and
- 3) Storing data.

The term 'Computer' is derived from the word 'compute' which means 'to calculate'. Computer is an electronic device that receives data in a specific form.





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Performs a Series of operations according to the Predetermined Set of instructions and gives a result.

"A Computer is a fast electronic device that Processes the input data according to the instructions given by the Programmer/user and Provides the desired information as an output."

### Characteristics of Computer.

Following are the Major Characteristics of Computer:

#### 1.) Automatic:

The main characteristic of Computer is that it carries out all the tasks automatically, i.e. The task given to the Computer does not require any human intervention.

#### 2.) Speed:

The Speed of Computer is very high. It can accomplish any task in few seconds, which may not be done by human being in a whole year.



3.) Accuracy :

With the ability of fast speed computer also has the accuracy feature. Computers are able to do the job with 100% accuracy, if the data given to it is correct.

4.) Diligence :

It can work for days consistently without any error and boredom.

5.) Versatility :

Computer can perform a wide range of tasks simultaneously like preparing bills, calculating marks or helping a person to type a notice etc.

6.) Storage :

Due to the presence of the secondary storage device, a computer can store and retrieve any amount of information.

7.) No IQ :

There is lack of intelligence in computer because it is a machine. Thus it depends on the set of instructions to perform any task.





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So it is not able to take any decision on its own.

8.) Absence of Feelings :

Computers are free from emotions and feelings.

Components of a computer system