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INFORMATION TECHNOLOGY FOR CLASS 11

(Study material Based on N.C.E.R.T HANDBOOK)

ADVANTAGE & DISADVANTAGE OF COMPUTER

Advantages of Computers

Following are certain advantages of computers.

- ❖ High Speed
- ❖ Computer is a very fast device.
- ❖ It is capable of performing calculation of very large amount of data.
- ❖ The computer has units of speed in microsecond, nanosecond, and even the picosecond
- ❖ It can perform millions of calculations in a few seconds as compared to man who will spend many months to perform the same task.

Accuracy

- ❖ In addition to being very fast, computers are very accurate. The calculations are 100% error free. Computers perform all jobs with 100% accuracy provided that the input is correct.

Memory

- ❖ It is a very important characteristic of computers. A computer has much more storage capacity than human beings.
- ❖ It can store large amount of data.
- ❖ It can store any type of data such as images, videos, text, audio, etc.

Diligence

- ❖ Unlike human beings, a computer is free from monotony, tiredness, and lack of concentration.
- ❖ It can work continuously without any error and boredom.
- ❖ It can perform repeated tasks with the same speed and accuracy.
- ❖ Versatility
- ❖ A computer is a very versatile machine.
- ❖ A computer is very flexible in performing the jobs to be done. This machine can be used to solve the problems related to various fields. At one instance, it may be solving a complex scientific problem and the very next moment it may be playing a card game.
- ❖ Reliability
- ❖ A computer is a reliable machine.
- ❖ Modern electronic components have long lives.

Disadvantages

Following are certain disadvantages of computers.

No I.Q.

- ❖ A computer is a machine that has no intelligence to perform any task.
- ❖ Each instruction has to be given to the computer.
- ❖ A computer cannot take any decision on its own.

Dependency

- ❖ It functions as per the user's instruction, thus it is fully dependent on humans.

Environment

- ❖ The operating environment of the computer should be dust free and suitable.

No Feeling

- ❖ Computers have no feelings or emotions.

❖ It cannot make judgment based on feeling, taste, experience, and knowledge unlike humans.