

Define Computer.....	2
GIGO.....	2
Working Principle of Computer.....	2

Define Computer

A computer is a machine that can be programmed to carry out sequences of arithmetic or logical operations (computation) automatically. Modern digital electronic computers can perform generic sets of operations known as programs. These programs enable computers to perform a wide range of tasks. A computer system is a nominally complete computer that includes the hardware, operating system (main software), and peripheral equipment needed and used for full operation. This term may also refer to a group of computers that are linked and function together, such as a computer network or computer cluster [1].

GIGO

Garbage in, garbage out, or GIGO, refers to the idea that in any system, the quality of output is determined by the quality of the input. For example, if a mathematical equation is improperly stated, the answer is unlikely to be correct. Similarly, if incorrect data is used as input into a computer program, the output is unlikely to be correct or informative [2].

Working Principle of Computer

The basic working principle of a computer involves three main components: input, processing, and output. The computer receives data and instructions through input devices, processes the data using the CPU (Central Processing Unit), and then produces the results through output devices [3].

References

- [1] "Wikipedia," MediaWiki, [Online]. Available: <https://en.wikipedia.org/wiki/Computer>. [Accessed 20 12 2023].
- [2] R. Awati, "Tech Target," [Online]. Available: <https://www.techtarget.com/searchsoftwarequality/definition/garbage-in-garbage-out>. [Accessed 20 12 2023].
- [3] "EduRev," [Online]. Available: <https://edurev.in/t/97426/Basic-Working-Principle-of-a-Computer-Computer-Org#:~:text=Ans.,the%20results%20through%20output%20devices..> [Accessed 20 12 2023].