

CCA-101: Fundamentals of IT & Programming.

Assignment-1

Q. 1. What are the four fundamental parts of computer? Explain it with the help of diagram.

Ans:- A computer has four main components. Input units, the central processing unit or CPU, the primary memory, and output units. Input unit- The devices to input information, such as a keyboard and mouse. CPU - The CPU is further broken up into ALU, Control unit, and instruction unit.

Q. 2. Discuss about the classification of computers based on size and capacity?

Ans:- There are four types in the classification of the computer by size: Supercomputer, Mainframe computer, Minicomputer and Micro computer.

Q.3. What is the meaning of computer generation? How many computer generations are defined? What technologies were used?

Ans:- Initially, the generation term was used to distinguish between varying hardware technologies. Nowadays, generation includes both hardware and software, which together make up an entire computer system. There are five computer generations known till date.

Q.4. Differential between volatile & non-volatile memories?

Ans:- The volatile memory stores data and computer programs that the CPU may need in real-time, and it erases them once a user switches off the computer. Cache memory and RAM are types of volatile memory. Non-volatile memory, on the other hand, is static. It remains in a computer even after a user switches it off.

Q.5. Distinguish among the system software, application software and open source software on the basis of their features.

Ans:- A System Software acts as interface between the system and the application system and the application software. The various operating systems are the best example as it allows the user to download and work with various applications on their device. On the other hand, Application software is designed for users.

Q.6. (a) create a file in MS-Word to insert a paragraph about yourself and save it with file name 'yourself'. Describe all steps involved in it.

Ans:- Explanation:

Step 1: open MS word on your system

Step 2: click on the new file when you open the word file when the dialog box appear.