

Digital Computer :-

Digital Computer works with digital signal. It describe electronic technology that generates stores & process.

Hybrid Computer :-

Hybrid Computer uses both Analog signals, Digital signals. a Computer intended to provide functions and features in both analog & digital Computer.

fourth generation

fourth generation of Computer was b/w 1971-1980. These Computers used the VLSI technology or the very large scale Integrated (VLSI) Circuits technology. Therefore they were also known as the microprocessors.

Ans 4) On the basis of size, there are four types of Computer. They are minicomputer, microcomputer, mainframe Computer and supercomputer. The super-computer is the fastest, most expensive, big in size, and the most powerful Computer that can perform multiple tasks within no second. Mini Computers are medium sized Computer.

3) There are three types of Computer based on work

Ans On the basis of work there are three types Computer. They are Analog, Digital Computer, Hybrid Computer.

Analog:-

Analog Computer works with analog signal & it is utilized to process of simple information.

③ Five Generations Computer:-

The period of fifth generation is 1980 till date. The fifth generation computer will use super large scale integrated chips. They will have artificial intelligence. They will be able to recognize image and graphs. They will be able to use more than one CPU for faster processing speed. It is intended to work with natural language. In the fifth generation, VLSI technology become VLSI technology, resulting in the production of microprocessor chips.

① First Generation:- The first generation of computer is generally known as electromechanical computer or using vacuum tubes.

Second generation:-

The period of second generation was from 1965. transistors were used that were cheaper, consumed less power, more compact in size etc., faster than first generation.

Third generation:-

The third generation computer was started in 1965 and ended around 1971. Third generation computer start using integrated circuits instead of transistors.

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1. What do you understand by Computer generation? who invented first generation Computer?
Ans: Generation in Computer terminology is a change in technology a computer is/was being used. Initially, the generation term was used to distinguish b/w varying hardware technologies. Now a days, generation includes both hardware & software, which together make up an entire Computer system.

Invented first generation Computer :- Charles Babbage.

2. Digital

Digital describe electronic technology that generates, stores, and processes data in terms of two states: Positive & non-positive. Positive is expressed or represented by the number 1, and non-positive by the number 0.

Analog Computer :-

An Analog Computer or analogue Computer is a type of Computer that uses the continuous variation aspect of physical phenomena such as electrical, mechanical or hydraulic or pneumatic quantities to model the problem being solved.