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Ques 1 Define Computer Memory?

Ans ⇒ In Computing, memory is a device or system that is used to store information for immediate use in a computer or related computer hardware and digital electronic devices. The term memory is often synonymous with the term primary storage or main memory.

Ques 2 what is the basic the function of memory?

Ans ⇒ Memory is the electronic holding place for the instruction and data a computer needs to reach quickly. It is where information is stored for immediate use. Memory is one of the basic functions of a computer because without it, a computer would not be able to function properly.

Ques 3 what are the functions of Control unit? Give any three?

Ans ⇒ Control unit co-ordinates registers the transfer of data between registers of CPU or microprocessor and ALU. Control unit serves the instruction for ALU.

- 1) Fetching instructions one by one from primary memory and gather required data and operands to perform these instructions.
- 2) Receiving and sending results of operations of ALU to primary memory
- 3) Sending instructions to ALU to perform additions, multiplications etc
- 4) Sending result from ALU stored in primary memory to Output.

Ques Explain the some characteristics of Primary memory?

Ans \Rightarrow 1) The Primary memory of computer is also called main memory, temporary memory, or prime memory.

- 2) It is volatile memory.
- 3) This memory is made of Semiconductors technology.
- 4) Data is automatically deleted in the event of power failure.
- 5) This processing speed is faster than

Secondary memory.

- 6) This is the main working memory of the computer.
- 7) A computer is not able to process without primary memory.

Q5 Explain the different steps in instruction cycle?

⇒ The instruction cycle consists of four phases. fetching an instruction from memory decoding the fetched instruction reading and finally instruction executes. The computer processor carries it out.