

1. Q:- Define Computer Memory:-

Computer memory unit is the main unit where all data and instruction will be stored in particular place. and there we want to change any data and instruction we can do it there.

2. Q:- Basic function of memory:-

The basic function of memory is data storing, device, instruction running unit, and we also use memory unit as processing unit. where we can do our daily works.

3. Q:- functions of Control unit:-

The Control unit is the Central processing unit regulates and integrates the operations of the computer. It selects and retrieves instruction from the main memory in proper sequence and interrupts them to many activities.

Three functions:-

- (i) It controls processing unit.
- (ii) It controls memory unit.
- (iii) It gives us output on output device.

Q. Ans:- Explain Characteristics of Primary memory:-

- (i) It is the main memory in Computer unit.
- (ii) Primary memory is also called internal memory.
- (iii) Its Capable to store any data and Instruction in Computer unit.

Q. Ans:- Steps of Instruction Cycle.

In a basic Computer - Each instruction Cycle consists of the following Phases.

There are four steps of instruction Cycle.

- (i) Fetch Instruction from memory.
- (ii) Decode the instruction.
- (iii) Read the effective address from memory.
- (iv) Execute the instruction.
- (v) get output of our output devices.
- (vi) All Instruction will be represent in ALU and control unit.

* we can also explain it by graph:-

