

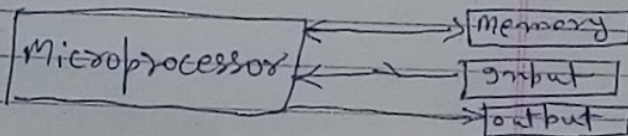
SEC-3

① Explain the introduction of microprocessor and draw its diagram. Explain the evolution tree of microprocessor according to the generation.

1) The Microprocessor is a programmable integrated device that has computing and decision making capability similar to that of Central processing Unit.

2) A Microprocessor is designed to perform arithmetic and logic operation that make use of small number holding areas called registers.

3) Typical microprocessor evolution operation include adding, subtracting, comparing of two numbers.



Evolution -
Microprocessor generations (1971-1995)
Intel

First Generation (1971-73)
ex- PPS-4, 8008, IMP-16

Second Generation (1973-78)
ex- Motorola, 6700 and 6800, 8085

Third Generation (1978-80)
ex- intel 8086/80286/80286
Motorola, 68000/68010

Fourth Generation (1980-85)
ex- MC 68020/68030
intel 80386.

Fifth Generation (1985 onwards)
ex- Pentium, Celeron, Dual core.

