



Interrupt Control -

An interrupt is a condition that causes the μP to temporarily work on a different task & then later return to its previous task. It may be internal or external.

When the interrupt (int) occurs the program stops executing & the microcontroller begins to execute interrupt service routine (ISR). Once the ISR is complete the microcontroller returns to processing the program where it left off.

Serial I/O control -

In serial communication one bit is transferred at a time over a single line. The 8085 serial I/O ports provide two lines are SOD & STD.

Time & Control Unit - This unit is responsible for cell operations. It provides time & control signal to μP to perform operations.