

Assignment Number -02

TEE-404 Microprocessor and Its Application/TCS-405 Microprocessors
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Objective: To introduce the concepts of Architecture and Organization of the Intel-8085 Microprocessor.

Unit: II

1. Draw the architecture of the 8085 microprocessors and explain its function.
2. How does a microprocessor differentiate between data and instruction code?
3. Explain the flag register of 8085.
4. Draw and explain the memory and I/O timing diagram of read cycle in 8085?
5. Define interrupt of 8085. Explain vectored interrupt in detail.
6. Explain the pipelining and parallel processing.
7. What are general purposes registers in 8085 microprocessor?
8. How registers of microprocessors are different than a RAM byte?
9. List out information various combinations of status signal in a table.