

Assignment Number -01

TEE-404 Microprocessor and Its Application/TCS-405 Microprocessors

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Objective: To introduce the concepts of Architecture and Organization of Microprocessor.

Unit: I

1. Explain briefly evolution of microprocessor.
2. Draw the block diagram of microprocessor and explain it.
3. Draw the block diagram of microcontroller.
4. Classify the memory. What is cache memory?
5. Explain the Flag register of 8085.
6. Why are the program counter and the stack pointer of 16-bit register of 8085.
7. Draw the pin diagram of 8085 microprocessor.
8. Differentiate the following:
 - a. RAM and ROM
 - b. Microcontroller and Microprocessor