

Microprocessor System, ETCS-302

Assignment No. 1

- 1) What is a Microprocessor? What is the difference between a Microprocessor, Microcontroller & CPU?
- 2) Define bit, byte, word, double word, and quad word?
- 3) What determines that Microprocessor is an 8, 16 or 32 bit?
- 4) What is the difference between assembler, interpreter and compiler?
- 5) What are low and high level languages?
- 6) What are the advantages of an assembly language in comparison with high level languages?
- 7) Specify the function of the address bus and the direction of the information flow on the address bus?
- 8) Explain the difference between the machine language and the assembly language of the 8086 microprocessor.
- 9) Why is the data bus bidirectional?
- 10) What is the function of the accumulator?