Assignment No. II

Subject:- Introduction to Microprocessor

NEC-459

Q.1 WAP to Divide 10H by 05H.

Q.2 WAP to Exchange the contents of memory locations

Q.3 WAP to find the 2's complement of a number.

Q.4 Write equivalent assembly code of CMP instruction.

Q.5 WAP to calculate the sum of series of numbers.

Q.6 WAP to find the largest of given numbers.

Q.7 A table of 20 8-bit data is stored at memory locations 5000H. Draw the flowchart and write an 8085 program to count the even and odd numbers.

Q8 Calculate the address lines required for an 8k-byte memory chip.

Q.9 Calculate no. of memory chips needed to design 8 K-byte memory if the memory chip size is 1024 ×2.

Q.10 After a certain ALU operation the content of accumulator is 32H and known flags are CY-1 and AC-1. Based upon this information obtained the BCD number that would be present in accumulator after the DAA operation.

NOTE:-

*** Assume the Data and Address of your own

Last Date of Submission is: - 28/03/2016 (Positively)

Mr. Ajay Dwivedi
Asst. Prof.
EC Dept.