GURUDAS COLLEGE
INTERNAL EXAMINATION,2020
COMPUTER SCIENCE (HONOURS)
SEMESTER IV
PAPER CC10
THEORY

F.M-25

GROUP A

Answer any 5(five) questions

1. a) Define opcode & operand. Explain with example. (3)

    b) What is the function of accumulator? (2)

2. Show the timing diagram of I/O read operation. (5)
3. Draw the timing diagram for the instruction INX H . (5)
4. a) Explain the function of flag "auxiliary carry status" (1)

    b) What are the different addressing modes in microprocessor 8085? Explain

       each with suitable examples. (4)

5. Write an assembly language program in 8085 to find out how many positives

    numbers, negative numbers and zeros in a data set. The numbers are stored in

    memory. (5)

6. a) What is interrupt? (1)
    b) What are various interrupt lines of 8085? (2)
    c) What is the vector interrupt? (2)
7. Write an assembly language program to subtract one 8-bit number from another

    by 2's compliment method. (5)

GROUP B

INTERNAL ASSESSMENT

F.M: 10

1) a) If 8085 adds 87H and 79H specify the content of accumulator and the status of S, Z,
    CY flags. (4)
    b) Write the function of PUSH and POP. (1)
     2) a) What is the function of ALU? (2)

        b) How many register pair are there in 8085. Explain functions of each. (3)

Send the Scanned answer scripts to the following mail id:
csexam.cmsa3@gmail.com