Z(4th Sm.)-Computer Sc.-H/Pr./
CC-10P/CBCS/(Set-I)

2023

COMPUTER SCIENCE — HONOURS — PRACTICAL

Paper : CC-10P

(Microprocessor and its Application)

Full Marks : 30

The figures in the margin indicate full marks.

Distribution of Marks :

Theory/Algorithm/Flowchart	: 05
Assembly Language Program for 8085	: 10
Output/Result	: 03
Discussion	: 02
Assignment/Laboratory Notebook	: 05
viva voce	: 05

Answer ***any one*** question.

SET - I

1. Write an Assembly Language Program for 8085 to perform XOR operation on two 8-bit numbers without using XRA instructions of 8085. 20

2. Write an Assembly Language Program for 8085 to count the number of 0's of an array of twenty 8-bit unsigned integers stored in consecutive memory locations and store the count in suitable memory location. 20

3. Write an Assembly Language Program for 8085 to multiply two unsigned 8-bit numbers using repetitive addition. Take at least three sets of reading. 20

4. Write an Assembly Language Program for 8085 to find the largest positive 8-bit number from an array of 10 unsigned integers. 20

5. Write an Assembly Language Program for 8085 to find the Fibonacci series up to 8 terms and store it in the suitable consecutive memory locations in decimal form. 20

6. Write an Assembly Language Program for 8085 to find the AP series, where the number of terms, common difference and initial term is given. Store all the values in decimal form in the suitable consecutive memory locations. 20

7. Write an Assembly Language Program for 8085 to find the second largest 8-bit number from an array of 20 unsigned twenty integers. 20

8. Write an Assembly Language Program for 8085 to sort twenty 8-bit numbers in ascending order using bubble sorting technique. 20
