BACHELOR OF COMPUTER APPLICATIONS (BCA)
Term-End Practical Examination
June, 2025

BCSL-022(Set-IV) : ASSEMBLY LANGUAGE PROGRAMMING LAB

Time : 1 Hour   *Maximum Marks : 50*

Note : *(i) This paper contains two compulsory questions of 20 marks each. Rest 10 marks are for viva-voce.*

(ii) Use any assembler/emulator of 8086 assembly language to run the programs.

1. Write and run a program using 8086 assembly language that finds the average of two byte numbers stored in two different byte memory locations named X and Y. The

result should be stored in a memory location named Z. Make suitable assumptions.   20

2. Write and run a program using 8086 assembly language that finds the lowest value in a byte array stored in the memory. You may put the following values in the memory (byte) array :   20

         10h 25h 20h 15h 05h

You should use looping to write the program.

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