

**BCSL-022 (Set-3)**  
BACHELOR OF COMPUTER APPLICATIONS  
BCA (REVISED)  
Assembly Language Programming Lab

Duration : 1 hour

Maximum Marks : 50

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Note : 1. There are two compulsory questions of 20 marks each in this paper.  
Rest 10 marks are for viva-voce.

2. Use any assembler or emulator of 8086 assembly language to run the programs.

1. Write and run a near procedure in 8086 assembly language (using appropriate calling program) that accepts an ASCII value as a parameter in AL register and displays this value on the output screen. 20
  
2. Write and run an 8086 assembly language program that finds the sum of 10 consecutive byte values stored in an array in the memory. The result should be stored in AX register. 20

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