

BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)

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Term-End Practical Examination
December, 2016

BCSL-022(P)/S4 : ASSEMBLY LANGUAGE PROGRAMMING LAB

Time : 1 Hour

Maximum Marks : 50

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- Note :** (i) *There are two **compulsory** questions of 20 marks each in this paper. Rest 10 marks are for viva-voce.*
- (ii) *Use any assembler or emulator of 8086 assembly language to run the programs.*
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1. Write and run a program using 8086 assembly language that adds two byte values stored in two consecutive locations of memory, only if the first value is smaller than the second value. Make suitable assumptions, if any. The result of the addition can be left in AX register. 20

 2. Write and run a program using 8086 assembly language that adds a value 5 in every element of a byte array having 10 elements. The resultant array is stored in a different location. Make suitable assumptions, if any. 20
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