

BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)

00284

Term-End Practical Examination
December, 2014

BCSL-022(P)/S3 : 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 binary numbers of 8 bits stored in two consecutive memory locations. Store the result in another memory location. You may assume that no overflow occurs. 20

 2. Write and run a program using 8086 assembly language that finds the smallest value in an array containing 5 elements. The array should be a byte array stored in memory locations. The smallest value should be stored in the BH register. 20
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