

BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)

Term-End Practical Examination

December, 2015

01749

BCSL-022(P)/S1 : 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 reads an 8-bit value stored in a memory location into AL register, then left shifts the content of AL register and finally stores the result back in the memory location from which it was read. 20

2. Write and run a program using 8086 assembly language that first moves a value $(1A2B)_h$ in AX register and $(3C4D)_h$ value in BX register. The program then transfers these values to a 4-byte array that is to be kept in the memory. 20