

BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)

Term-End Practical Examination

December, 2015

00089

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

Time : 1 Hour

Maximum Marks : 50

- 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.*

1. Write and run a program using 8086 assembly language that stores a value 10000101 in AL register. It then divides the number by 2 using shift operation. 20
2. Write and run a program using 8086 assembly language that converts ASCII digits stored in four consecutive bytes in an array to a binary number. For example, if the array contains :

	'2'	'4'	'3'	'5'	
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Then the output will be binary equivalent of number 2435. The binary number should be stored in DX register. 20