

BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)

Term-End Practical Examination

June, 2015

00793

BCSL-022(P)/S3 : 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 interchanges the values of two bytes stored in two different memory locations. 20
2. Write and run a program using 8086 assembly language that adds alternate value stored in a byte array of five elements stored in the memory. For example, if the array contains :

	21	32	51	23	45	
--	----	----	----	----	----	--

(all numbers in hexadecimal)

then the program should add the values 21, 51 and 45. The result must be put in AX register. 20