BACHELOR OF COMPUTER APPLICATIONS (Revised) (BCA)

00473

Term-End Practical Examination

June, 2015

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 compares two values stored in two different memory locations. If both the values are same, then the program puts 1 in AL register, otherwise AL register is cleared.   *20*

2. Write and run a program using 8086 assembly language that stores consecutive values in a byte array of 5 elements in the memory. The first value should be 32. Thus, the program will result in storing the following values in the memory array :   *20*

	32	33	34	35	36	