

**BACHELOR OF COMPUTER APPLICATIONS (BCA)
(Revised)**

Term-End Practical Examination **00748**

June, 2013

BCSL-022 : ASSEMBLY LANGUAGE PROGRAMMING LAB

Time allowed : 1 hour

Maximum Marks : 50

Note : (i) *There are **two compulsory** questions of **20 marks** each. Rest **10 marks** are for **viva-voce**.*
 (ii) *Use any assembler or emulator of 8086 assembly language to run assembly programs.*

1. Write and run a program using 8086 assembly language that divides a number in AL 20
 register (the number is in the range 0 to 63) by 2 using shift operation. You may move
 the number in AL register directly. The result should be left in AL register only.

 2. Write and run a program using 8086 assembly language that converts a 5 character 20
 long alphabet string of lower case characters to uppercase characters. Both the strings
 may be stored in the memory.
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