

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

Term-End Practical Examination

00348

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 8086 assembler or emulator to run the assembly programs.*

1. Write and run a program using 8086 assembly language that multiplies two 8 bit numbers stored in memory locations FIRST and SECOND. The result of the multiplication should be transferred to CX register. **20**

2. Write and run a program using 8086 assembly language that adds two arrays of size 4 each. Both the arrays and resultant array are stored in memory locations. The values stored in each element of arrays should be in the range of 0 to 25. This range in resultant array obviously would be 0-50. **20**