No. of Printed Page : 1

SET - 3

BACHELOR OF COMPUTER APPLICATIONS (BCA)
(Revised)
Term-End Practical Examination

00034

June, 2013

BCSL-022 : ASSEMBLY LANGUAGE PROGRAMMING LAB

Time allowed : 1 hour *Maximum Marks : 50*

Note : *(i) There are **two compulsory** questions **20** marks each. Rest **10** marks are for **viva-voce**.*

(ii) Use any 8086 assembler or emulator to run assembly programs.

1. Write and run a program using 8086 assembly language that finds if the value stored in AL register is more than a value stored in a memory location; if it is more then AL register is cleared, otherwise AL register remains unchanged. **20**

2. Write and run a program using 8086 assembly language that converts a string of 5 characters into a coded string of 5 characters. The code calculation involves just incrementing the ASCII value of each character in the string by 1. The string and code are stored in different memory location. An example string and its code are : string - ABDEF ; code - BCEFG. **20**