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SET - 1

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

02574

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 the programs.

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1. Write and run a program using 8086 assembly language that multiplies an 8 bit number (in the range 0-63) by 2 using shift operation. The eight bit number can directly be moved to AL register. **20**

2. Write and run a program using 8086 assembly language that finds the first occurence of a digit (that is any decimal digit 0, 1, 2, 3.....9) in a string of length 5. The string may be assumed to be stored in consecutive memory locations. The resultant location found may be stored in AL register. In case the string does not contain any digit then you should move 0 (zero) to AL register. **20**
