BACHELOR OF COMPUTER APPLICATIONS (BCA)
(Revised)

Term-End Examination

03338

June, 2016

BCSL-022 - Set - 1 : ASSEMBLY LANGUAGE PROGRAMMING LAB

Time : 1 hour

Maximum Marks : 50

Note :   (i)   *There are two compulsory questions in this paper 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.*

1. Write and run a program using 8086 assembly language that reads a byte value stored **20** in a memory location into AH register and then clears the lower four bits of AH register. For example, if the memory location has value (in binary) 0101 0111 then first it is brought to AH register and then the lower four bits will be cleared to give value 0101 0000 in AH register.

2. Write and run a program using 8086 assembly language that finds the sum of even **20** indexed elements of a byte array having ten elements. You may assume that the first element of the array has an index 0. The sum should be stored in AX register.

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