01993

BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)
Term-End Practical Examination
December, 2016

BCSL-022(P)/S1 : ASSEMBLY LANGUAGE PROGRAMMING LAB

Time : 1 Hour   *Maximum Marks : 50*

Note :   (i)   *There are two **compulsory** questions of 20 marks each in this paper. 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 performs OR operation on two byte values stored in the memory. For example, if the values stored in the memory are 01010011 and 10101100, then the result of OR operation should be 1111 1111. The result should be left in AL register.   *20*

2.   Write and run a program using 8086 assembly language that adds 1st, 3rd, 5th, 7th and 9th elements of a byte array having 10 elements. The result is stored in AH : AL registers.   *20*

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