BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)
Term-End Practical Examination
June, 2018

OO750

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 makes the upper four bits of AL register as 1111 using BL register. This is followed by a single bit left shift operation on AL register. You may assume that initially AL register contains 01011001 and BL register contains 10100000. The output of the operation should be left in AL register.   20

2. Write and run a program using 8086 assembly language that adds a fixed value (say value 1) stored in BL register to each of the five consecutive byte values stored in consecutive memory locations. The values after adding BL are written back to memory locations. You may ignore overflow, if any.   20

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