54233

Bachelor of Computer Application (Revised) (BCA)

Term-End Examination

December, 2018

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.

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1. Write and run a program using 8086 assembly language that adds two numbers stored in two consecutive bytes in the memory. The result of addition should be kept in AL register. Carry bit due to addition, if any, should be stored in AH register.   20

2. Write and run a program using 8086 assembly language which finds the highest of four byte values stored in memory. The highest value should be left in AL register.   20