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

00125

BCSL-022(P)/S4 : 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 finds the difference between the byte values stored in two consecutive locations. The program then squares this difference and stores the result in DX register.   *20*

2.   Write and run a program using 8086 assembly language which reads the byte values stored in four consecutive memory locations into AL, BL, AH and BH registers respectively. The program then finds the average of values stored in AX and BX registers. The result of the operation should be stored in DX register.   *20*

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