

BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)

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Term-End Practical Examination

June, 2017

BCSL-022(P)/S4 : ASSEMBLY LANGUAGE PROGRAMMING LAB

Time : 1 Hour

Maximum Marks : 50

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- 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 finds the average of three byte numbers stored in consecutive memory locations. You need not use loop for this purpose. The result is stored in CX register. 20

 2. Write and run a program using 8086 assembly language which adds two byte arrays of 5 elements each. The arrays are stored in memory. The result of the array addition is stored back in a third byte memory array (assume there is no overflow). You should use looping to write this program. 20
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