

**BACHELOR OF COMPUTER APPLICATIONS (BCA)
(Revised)**

Term-End Examination

01828

June, 2016

**BCSL-022 - Set - 3 : ASSEMBLY LANGUAGE
PROGRAMMING LAB**

Time : 1 hour

Maximum Marks : 50

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- Note :**
- (i) *There are two compulsory questions in this paper of 20 marks each. 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 difference of two byte values stored in memory and then multiplies the difference by 2. The result is then moved to a third memory location. **20**

 - 2. Write and run a program using 8086 assembly language that adds two byte arrays stored in the memory. The arrays should be of 5 elements each. The resultant array should be stored separately in the memory. **20**
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