

**Bachelor of Computer
Application (Revised) (BCA)
Term-End Examination
December, 2018**

**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.
- (ii) Rest 10 marks are for viva-voce.
- (iii) 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 exchanges the values stored in AL and BL registers only if AL contains smaller value than BL. 20
2. Write and run a program using 8086 assembly language that finds the sum of four byte values stored in four consecutive memory locations. You must consider carry bit during addition, if any. 20