

BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)

Term-End Practical Examination

June, 2018

BCSL-022(P)/S3 : 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 multiplies the values stored in two consecutive byte locations. The result is left in AH register. 20

 2. Write and run a program using 8086 assembly language that checks if the value stored in a byte memory location is less than, equal to or more than the value stored in the AL register. The program stores 0 in CL register, if value of the memory location is less than the value in AL; or stores 1 in CL register if value of the memory location is equal to the value in AL; or 2 if the value of the memory location is more than the value in the AL register. 20
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