

BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)

Term-End Practical Examination

June, 2018

02911

BCSL-022(P)/S2 : 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 interchanges the values stored in AL register with a byte value stored in the memory. The program then adds DH register to AL register. The result of this addition should be left in AL register. Make and state suitable assumptions, if any. 20

 2. Write and run a program using 8086 assembly language that finds the first value that is more than the binary value 0000 0011 from the values stored in a byte array in the memory. For example, if 00h, 01h, 02h, 03h, 04h, 05h are stored in a memory array, then program should output 04h which is the first value that is more than 0000 0011 (binary). 20
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