

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

01505

**Term-End Practical Examination**

**June, 2017**

**BCSL-022(P)/S3 : ASSEMBLY LANGUAGE PROGRAMMING LAB**

*Time : 1 Hour*

*Maximum Marks : 50*

- 
- 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.*
- 

1. Write and run a program using 8086 assembly language that interchanges the upper four bits with lower four bits. You may assume that the data is stored in a byte memory location and it is to be written back to the same location after the operation. You may assume the data as 27h and it is to be written back after interchange as 72h. 20
  
  2. Write and run a program using 8086 assembly language that creates five consecutive odd values starting from 1 in five consecutive byte memory locations. You must use looping for writing the program. Make suitable assumptions, if any. 20
-