

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

**Term-End Practical Examination**

**December, 2015**

**BCSL-022(P)/S2 : 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 clears the upper 4 bits of AL register using BL register and any logic operation. You must decide the content of BL register yourself. 20
  
  2. Write and run a program using 8086 assembly language that adds the even and odd elements of a byte array. You may assume that the array consists of four elements only. The sum of even elements should be stored in a memory location, while the sum of odd elements be stored in DX register. 20
-