

**MASTER OF COMPUTER APPLICATIONS (Revised)  
(MCA)**

00485

**Term-End Practical Examination**

**June, 2017**

**MCSL-017(P)/S2 : C AND ASSEMBLY LANGUAGE PROGRAMMING**

*Time : 2 Hours*

*Maximum Marks : 50*

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- Note :**
- (i) *There are two sections in this paper.*
  - (ii) *Each section is of **one hour** duration.*
  - (iii) *Each section has one **compulsory** question of 20 marks.*
  - (iv) *Each section has 5 marks for viva-voce separately.*
  - (v) *Attempt only those section(s) in which you are **not successful as yet**.*
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**SECTION A**

**C Programming**

- 1. (a) Write an interactive C program to find the length of the string using recursion. 10
- (b) Write a C program to print the k<sup>th</sup> element of an array. 10

## **SECTION B**

### **Assembly Language Programming**

- 2.** Write an 8086 assembly language program to convert a 4-digit BCD number into its binary equivalent.

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