

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

**Term-End Practical Examination**

**December, 2017**

01953

**MCSL-017(P)/S1 : 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. Write an interactive program in 'C' which should be menu-driven, to read a list of student names and perform the following operations using functions : 20
- (a) To print the list of names.
  - (b) To sort them in alphabetical order (A – Z).
  - (c) To print the sorted names-list.

## SECTION B

### Assembly Language Programming

2. Write an 8086 assembly language program to convert a 2-digit decimal number to its octal equivalent. 20

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