

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

00175

Term-End Practical Examination

June, 2017

MCSL-017(P)/S4 : 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 interchange the rows and columns of an $M \times M$ matrix. 10
- (b) Write a C program to find the smallest word in a given string. 10

SECTION B

Assembly Language Programming

2. Write an 8086 assembly language program to convert a given decimal number to its binary equivalent. 20
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