

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

**Term-End Practical Examination**

**December, 2016**

00798

**MCSL-017(P)/S3 : 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 C program to perform the following operations on matrices :

$$D = A (m \times m) + B (m \times m) * C (m \times m)$$

where A, B, C and D are matrices of size  $m \times m$ .

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## SECTION B

### Assembly Language Programming

2. Write an 8086 assembly language program to subtract two 3-digit binary numbers and store the difference.

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