

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

**Term-End Practical Examination**

**June, 2018**

00455

**MCSL-017(P)/S1 : C AND ASSEMBLY LANGUAGE PROGRAMMING**

*Time : 2 Hours*

*Maximum Marks : 50*

- 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 display the sum of series
- $$1 + \frac{1}{2} + \frac{1}{3} + \frac{1}{4} + \dots + \frac{1}{n}$$
- 20

## SECTION B

### Assembly Language Programming

2. Write an 8086 assembly language program to add two 8-bit BCD numbers. 20

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