

MASTER OF COMPUTER APPLICATIONS (Revised)

(MCA)

Term-End Practical Examination

December, 2014

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.

SECTION A

C Programming

1. Write an interactive C program to check whether the given number is an Automorphic Number or not. 20

Hint : An automorphic number is a number the square of which contains the number in the end.

Example :

- (i) 6, 36
- (ii) 5, 25

SECTION B

Assembly Language Programming

2. Write an 8086 assembly language program to find the sum of two BCD numbers stored in the memory.

20