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MCSL-017/82

Master of Computer Application (MCA)

Term-End Examination

December, 2018

'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 yet successful.

Section—A

('C' Programming)

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

   Hint :

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

   Example :   20

   (i) 6, 36

   (ii) 5, 25

Section—B

(Assembly Language Programming)

2. Write an 8086 assembly language program to find the sum of two binary coded digits (BCD) stored in the memory.   20