MASTER OF COMPUTER APPLICATIONS (Revised)
(MCA)

Term-End Practical Examination

01107

June, 2016

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 do the following using a "SWITCH" statement to opt for options to perform the operations :   *20*

    (a) To add 2 matrices A (2 × 2) and B (2 × 2)

    (b) To subtract 2 matrices A (2 × 2) and B (2 × 2)

    (c) To multiply 2 matrices A (2 × 2) and B (2 × 2)

SECTION B

Assembly Language Programming

2. Write an 8086 Assembly language program to convert a 2-digit decimal number to its octal equivalent. *20*