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MCSL–017(Set-I)

MASTER OF COMPUTER APPLICATIONS (MCA) (REVISED)

Term-End Practical Examination

June, 2026

MCSL-017(Set-I) : C AND ASSEMBLY LANGUAGE PROGRAMMING

Time : 2 Hours *Maximum Marks : 50*

Note : *(i) There are two Sections in this paper. Each Section is of one hour duration.*

(ii) Each Section has one compulsory question of 20 marks.

(iii) Each Section has 5 marks for viva-voce separately.

(iv) Attempt only those Section(s) in which you are not yet successful.

Section—A : C Programming

1. Write a C program that accepts a matrix of order $m \times n$ and prints its transpose. Also calculate the sum of all diagonal elements (if the matrix is square). 20

Section—B : Assembly Language Programming

2. Write an 8086 assembly program to read a string of length 10 and convert all lowercase letters into uppercase letters. Display the final string. 20

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