No. of Printed Pages : 2

MCSL-217(Set-I)

MASTER OF COMPUTER APPLICATIONS (MCA-NEW)

Term-End Practical Examination

June, 2026

MCSL-217 (Set-I) : SOFTWARE ENGINEERING LAB

Time : 2 Hours *Maximum Marks : 50*

Note : *There are two questions in this paper. Answer both the questions. Each question carries 20 marks. 10 marks are for viva-voce.*

1. Design a web page that accepts a matrix as input and computes its transpose. The web page should have two text boxes and a submit button. After entering the number of

rows of the input matrix in the first text box and the number of columns of input matrix in the second text box of the web page, submit button should be clicked. Once clicked, a number of text boxes which are equivalent to the number of demerits in the matrix will appear along with a submit button at the bottom labelled as compute transpose. When the compute transpose button is clicked, the transpose of the input matrix has to be displayed. 20

2. Draw DFDs (upto level two) for a "Student Registration Management System". Make the necessary assumptions. 20

× × × × ×