

No. of Printed Pages : 3 **MCSL-216(SET-II)**

**MASTER OF COMPUTER
APPLICATIONS
(MCA-NEW)**

**Term-End Practical Examination
June, 2025**

MCSL-216(SET-II) : DAA AND WEB DESIGN

LAB

Time : 2 Hours *Maximum Marks : 50*

Note : (i) This question paper comprises of two compulsory questions, each of 20 marks.

(ii) Rest 10 marks are for viva-voce.

1. (a) Implement multiplication of two matrices $A[3, 3]$ and $B[3, 3]$ and calculate : 10
 - (i) how many times the innermost and the outermost loops will run ?

(ii) Total number of addition and multiplications in computing the multiplication of matrix A and B. 10

(b) Implement merge sort algorithm to sort the following list (show the process step by step) : 10

200 150 50 100 75 25 10 5

2. Design a form to book a ticket to the cultural show at any auditorium. The form should have relevant fields (make suitable assumptions). Further, the form should have submit and reset button. Now, perform the following : 20

(a) Use JavaScript to validate all the fields in the form.

(b) Submit button should enter the data of the fields (in the form) into the database.

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- (c) While submitting the form, error message should be shown, if any field in the form is left blank.
- (d) Reset button should reset all the fields to blank.

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