

No. of Printed Pages : 2 **MCSL-216(SET-I)**

MASTER OF COMPUTER

APPLICATIONS

(MCA-NEW)

Term-End Practical Examination

June, 2025

**MCSL-216(SET-I) : 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 a recursive binary search algorithm to search for a number 100 in the following array of integers : 10
10 35 40 45 50 55 60 65 70 100

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- (b) Implement Euclid's algorithm to find GCD of two numbers 15265 and 15. Also calculate the number of times mod and assignment operations will be required. 10

2. Design a form to book a ticket for the train. 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.
- (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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