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

(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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