

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

**MASTER OF COMPUTER
APPLICATION
(MCA-NEW)
Term-End Practical Examination
June, 2025
MCSL-216(SET-III) : 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 the task scheduling algorithm, to minimize the total amount of time spent, for the following problem :

10

Job	Service time
1	5
2	10
3	7
4	8

- (b) Implement Quick Sort's algorithm, to sort the following list of elements : 10

12 20 22 16 25 18 8 10 6 15

2. Design a form for registering to a conference, 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 fields in the form.
- (b) Submit button should enter the data of the fields (in the form) in to 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.

x x x x x