

No. of Printed Pages : 2 **MCSL-216(Set-II)**

**MASTER OF COMPUTER
APPLICATIONS (MCA-NEW)
Term-End Practical Examination
December, 2024**

MCSL-216(Set-II) : DAA & 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 multiplication of two matrices A [4, 4] and B [4, 4] and calculate the following : 10
 - (i) How many times the innermost and the outermost loop will run ?
 - (ii) Total number of multiplications and additions in computing the multiplication of given matrices.
- (b) Implement the task scheduling algorithm on your system to minimize the total

[2]

amount of time spent in the system for the following problem : 10

Job	Service Time
1	5
2	10
3	7
4	8

2. Design a form to reserve seat in train, through Railway's website. The form should have relevant fields. (Make suitable assumptions). The form should have submit and reset button. Now, perform the following : $5+5+5+5=20$

- (a) Use JavaScript to validate all the fields in the form.
- (b) Submit button should enter the data of the fields into the database.
- (c) Error message should be shown if text field is left blank.
- (d) Reset button should reset all the fields to blank.

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