MCSL-216 (Set-2)

MASTER OF COMPUTER APPLICATIONS
(MCA-NEW)
DAA and Web Design Lab

Duration : 2 hours   Maximum Marks : 50

Note: 1. This question paper comprises of two Compulsory Questions, each of 20 marks.

2. Rest 10 marks are for viva-voce.

1. (a) Implement the task scheduling algorithm on your system to minimize the total amount of time spent in the system for the following problem: 10

Job :	1	2	3	4
Service time :	5	10	7	8

(b) Implement Bubble sort algorithm for the following list of numbers: 10

55, 25, 15, 40, 60, 35, 17, 65, 75, 10

Calculate the following:

(i)   Number of exchange operations, performed.

(ii) Number of times comparison operation is performed.

(iii) Number of times inner and outer loop will iterate.

2. Design a form to reserve seat in a tourist bus, through its website. The forum should have relevant fields (make suitable assumptions). The form should have submit and reset button. Now, perform following: 20

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

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

    (c)   Error message should be shown if any text field is left blank.

    (d)   Reset button should reset all the fields to blank.

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