No. of Printed Pages : 2

MCSL-025/S3

Master of Computer Application (Revised) (MCA)

Term-End Examination

December, 2018

LABORATORY COURSE

Time : 3 Hours

Maximum Marks : 100

Note : (i)   There are *four* Sections in this paper.

(ii)   Each Section is of 45 minutes duration.

(iii)   Attempt only those Sections in which you are not yet successful.

(iv)   Answer all the questions in each Section.

(v)   Each Section carries 20 marks and the viva-voce for each Section is of 5 marks separately.

Section–A

(Data and File Structures)

1. Write a program in 'C' language to implement Linear Search.   20

Section–B

(Networking)

2. Write a shell script in Linux/Unix that accepts a text file as input and prints the number of words in it which are palindrome.   20

Section–C

(DBMS Lab)

3. (a) Create the-following table with appropriate data types for all the fields. The key field is underlined. Insert 10 meaningful records into the table. Make necessary assumptions.   10

CAR (Name, Manufacturer, Cost, Number)

(b) Create the following query using SQL on the above table :

List the numbers of cars whose cost is more than Ten Lakh Rupees and less than Fifty Lakh Rupees.   10

Section–D

(Java Programming)

4. Write a program in Java that accepts two matrices as input and multiply them.   20

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