SET - 3

MCA (Revised)

Term-End Practical Examination

00294

December, 2013

MCSL-045 : UNIX AND DBMS LAB

Time allowed : 2 hours   Maximum Marks : 50

Note : *There are **two sections** in this paper. Each section is of **1 hour** duration and carry **20 marks**. Each section has 5 marks for **viva - voce** separately. Attempt only that section in which you are not yet successful.*

SECTION - A : UNIX LAB

1.   Write and execute the UNIX commonds for performing the followings :   5

(a)   To display who is logged on this terminal.

(b)   To make a poster of "UNIX LAB".

(c)   To report the repeated lines in the file named "MY FILE".

(d)   To change the ownership of a file.

(e)   To display your current environment variables.

2.   Write a shell script to display the table of a given number between 1 to 20.   7

3.   Write a shell script to count the number of words and number of lines in a given text file.   8

SECTION - B : DBMS LAB

Note :   Answer the following questions.

1.   Create a relational data base with the following relations and insert at least eight records in each table of the relation.   8

BOOK (ISBN, Author_ID, Pub_ID, Year_of_Pub, Pages, Price)

AUTHOR (Author_ID, Name, Age, Sex, City)

PUBLISHER (Pub_ID, ISBN, Author_ID, Name, Address, Stock)

2. Consider the relation of Q. 1 above, and execute the following queries : 3x2=6

   (a) List name and address of all the female authors who have published their books with Pub_ID = PUB101 and belong to city = Delhi and the published book is either of 200 pages or more, or price of the book is Rs. 250 or more.

   (b) List the name and address of those authors who have published more than one book with Pub_ID = 202.

3. Write a trigger that fires before any row is inserted in BOOK and AUTHOR Table in Q. 1 above.　6

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