MASTER OF COMPUTER APPLICATIONS (MCA)
(Revised)

Term-End Examination

02106

June, 2016

MCSL-045 - Set - 2 : UNIX AND DBMS LAB

Time : 2 hours   *Maximum Marks : 50*

Note :   (i)   *There are 2 sections in this paper.*
         (ii) *All the questions are compulsory.*
         (iii) *Each section is of one hour duration and carries 20 marks.*
         (iv) *5 marks are for viva-voce of each section separately.*
         (v)   *Attempt only that section(s) in which you are not successful as yet.*

SECTION - A
UNIX

1. Write and execute the following commands in UNIX :   5x1=5

    (a) To print the last 10 lines of any file.

    (b) To print the most recent status of the system like who are the current logged - in users.

    (c) To print the information about the active processes.

    (d) To create or change a password.

    (e) To delete files from a directory.

2. Write a shell program, using "grep" to locate a given string and count its no. of   15 occurrences in a file.

3. Create a table "WORKSHOP" with the following fields :   **10**

    (WORKSHOP#, WORKSHOP_NAME, COORDINATOR, CO_COORDINATOR, NO_OF_DAYS, VENUE, START_DATE, END_DATE, NO_OF_MAX_ PARTICIPANTS, NO_OF_RESOURCE_PERSONS, YEAR)

    Select appropriate data types for the fields. Identify the primary key. Input to meaningful records.

4. For the above table in Q3, answer the following queries using SQL :   **5x2=10**

    (a) To display all the WORKSHOPS conducted during 2015.

    (b) To display the dates of WORKSHOP# = "111".

    (c) To display all the co-ordinators of workshops conducted during 2013.

    (d) To display the NO_OF_MAX_PARTICIPANTS and NO_OF_RESOURCE_PERSONS for the WORKSHOP conducted in seminar_hall on 29-08-2014 for one day.

    (e) To display the VENUE's list of all the WORKSHOPS conducted during 2012.

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