

MASTER OF COMPUTER APPLICATIONS (Revised)
(MCA)

Term-End Practical Examination

December, 2015

MCSL-045(P)/S2 : UNIX AND DBMS LAB

Time : 2 Hours

Maximum Marks : 50

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- Note :**
- (i) There are **two** 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**.
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SECTION A

UNIX

1. List and execute the following UNIX commands : 5×1=5
 - (a) To change the login password.
 - (b) To display the date and time.
 - (c) To display the history of previously executed commands.
 - (d) To display the calendar for the current month.
 - (e) To display all the files starting with "c" as the filename.

2. Write a shell program to count and display the occurrence of a particular pattern given as input appeared in a text file. 15

SECTION B

DBMS

3. Create the following table "STUDY_CENTRES" with the following fields :

(SC_NAME, SC_CODE, REGIONAL_CENTRE, SC_YEAR_ESTABLISHED,
ADDR1, ADDR2, ADDR3, PROGRAMME_COORDINATOR,
NO_OF_PROGRAMMES_ACTIVATED, NO_OF_STUDENTS,
NO_OF_AC_COUNSELLORS)

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

10

4. Write the following queries using SQL for the DB given in Q 3 :

5×2=10

- (a) Display all the details of all the Study Centres under Chennai Regional Centre.
- (b) Display the No_of_students and No_of_programmes_activated in Study Centre Code = "1104".
- (c) Display the Programme Coordinator of Study Centre Code = "1104".
- (d) Display the address of Study Centre Code = "2304".
- (e) Display the count of number of Study Centres in total.