MASTER OF COMPUTER APPLICATIONS (Revised)
(MCA)

⬜⬜5⬛6   **Term-End Practical Examination**

June, 2018

MCSL-045(P)/S4 : UNIX AND DBMS LAB

Time : 2 Hours   *Maximum Marks : 50*

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.**

SECTION A
UNIX

1.   Write and execute the UNIX commands for the following :   *5×1=5*

(a)   To run a program/process at a later time (less priority).

(b)   To print the status of all processes.

(c)   To re-run earlier command from history list.

(d)   To open a screen editor and type the contents.

(e)   To set file permissions of any file to "read-only" for all.

2.   Write a shell script to count the number of lines, characters and other symbols in a given file.   *15*

3. Create a COMPLAINTS table with the fields :

    COMPLAINT_ID, COMPLAINT_NAME, TYPE_OF_COMPLAINT,
    COMPLAINT_DATE, SUPERVISOR_NAME, ALLOCATED_TO

    Select an appropriate key (memory). Select appropriate data types for all the
    fields. Insert 10 meaningful records. Also, write the queries for the following :   *10*

    (a) To display all the COMPLAINT_ID booked on 31-05-2018.

    (b) To display all the COMPLAINT_ID allocated to Mr. Rahul.

4. Write a trigger that is fired before any row is inserted or deleted in the existing
    table.   *5*

5. Write a function/procedure that takes COMPLAINT_ID as input and displays
    the SUPERVISOR_NAME and ALLOCATED_TO details.   *5*

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