

**MASTER OF COMPUTER APPLICATIONS (MCA)
(Revised)**

Term-End Examination

03786

June, 2016

MCSL-045 - Set - 1 : UNIX AND DBMS LAB

Time : 2 hours

Maximum Marks : 50

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- 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.*
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SECTION - A

UNIX

1. Write and execute the following UNIX Commands : 5x1=5
 - (a) To use any screen editor and create a file with file extension .c.
 - (b) To send a file for printing on a line printer.
 - (c) To compare two files and report if different.
 - (d) To copy files from a subdirectory and paste them in another subdirectory.
 - (e) To create a new directory.

2. Write a shell script to translate all the characters to upper case in a given text file. 15

SECTION - B
DBMS

3. Create a table with name SOCIS having following fields : 15
(PROG_CODE, PROG_TITLE, TOTAL_CREDITS, NO_OF_SEMESTERS,
LAUNCH_YEAR, NO_OF_STUDENTS_ENROLLED, NO_OF_CENTRES,
PROG_COORDINATOR).
Select a Primary key. Insert 10 meaningful records. Also write the queries for the following :
- (a) Modify the table by inserting another 2 fields called "MEDIUM_OF_INSTRUCTION" and "TYPE_OF_PROG (Certificate/Bachelors/Masters)".
 - (b) Display the highest enrolment programme.
 - (c) Drop the field namely NO_OF_CENTRES.
4. Write a trigger that will be fired whenever an insertion or deletion takes place in the SOCIS table. 5
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