

MCA (Revised)
Term-End Practical Examination 01904
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 commands for performing the followings : 5
 - (a) To create a directory.
 - (b) To run a program with high priority.
 - (c) To split a file containing 200 lines into 50 lines each.
 - (d) To display date and time.
 - (e) To kill a process with its PID.

2. Write a shell script to append the contents of any two text files into a new text file. 5

3. Write a shell script to encrypt a text file with specific logic of your own choice (for example you may replace 'a' by 'z', 'b' by 'y' etc.) to encrypt the file data. 10

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
TELEVISION (P_ID, Model, Size, Company, Cost)
T_V_DEALER (D_ID, Name, City, P_ID)

2. Write a trigger which fires before any row in table TELEVISION in Q. 1 above, is inserted or deleted. 6

 3. Write a procedure/function which display model, company name and cost of all the televisions available with T.V. Dealer ID = 11005566. 6
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