

MCA (Revised)

Term-End Practical Examination

01362

June, 2010

MCSL-045 : UNIX AND DBMS LAB

Time allowed : 2 hours

Maximum Marks : 50

Note : *There are **two parts** (UNIX and DBMS) in this paper. Each part is of 1 hour duration. Attempt only that part(s) in which you are not successful yet.*

PART - I

UNIX

Note : *Answer the following questions. They carry 20 marks. The viva-voce is for 5 marks :*

1. Write and execute the UNIX commands for the following : 5
 - (a) To split a file containing 50 lines into two files of 25 lines each.
 - (b) To print the last ten lines of a text file.
 - (c) Create a file having name and corresponding roll number of 5 students.
 - (d) Compare two files and show their differences.
 - (e) To show the disk space used by files or directories.

2. Write a shell script to check whether a given string is a palindrome or not. 8

3. Write a shell script that print table of 5. 7

PART - II
DBMS

Note : Answer the following questions. They carry 20 marks and viva-voce is for 5 marks :

Questions asked in this part are based on the following relations :

VIDIO_LIB_INFO(VIDIO-ID, VIDIO_NAME, YEAR_OF_RELEASE, NO_COPIES)

CUSTOMER (CUST_ID, NAME, ADDRESS, MEM_DATE)

ISSUE (VIDIO_ID, CUST_ID, OPERATION, TR_DATE)

1. Select appropriate data type for the fields. Insert 10 records with meaningful data. 5
 2. List all the customers of the library who are its member from 2005. 3
 3. List the name of customers to whom video of specific ID is issued. 5
 4. Create a procedure to identify where a customer of specific CUST_ID exist or not. 7
Display appropriate message for result.
-