



Examination: PRACTICAL EXAM
Course Name: Operating System Lab
Even semester 2023, MCA, 1st year 2nd Semester

Date of Examination: April 2024
Course Code: MCAN 292
Academic Session: 2023-24

Full Marks: 40

Duration: 2 hrs

[Viva voce: 15 marks, Execution: 25 marks]

1. Create an Employee file(Eid, Ename, Designation, Salary) Enter 10 records.
 - a) show first 5 records.
 - b) Show first 2 highest paid employee details.
 - c) show Eid, Ename and Salary
2.
 - a) Write a shell script to print prime numbers between a range.
 - b) Write a shell script to add only positive numbers which will be given through command line.
3. Create an Student file(Sid, Sname, DeptName, Marks) Enter 10 records.
 - a) show last 5 records.
 - b) Show Sname and Deptname sorted name wise.
 - c) Copy top 5 Marks getter details to Topper file.
4.
 - a) Write a shell script to print factors of a number.
 - b) Write a shell script to check an year is Leapyear or not.
5.
 - a) Write a shell script to check number is prime or not.
 - b) Write a shell script to count how many prime numbers are given through command line.