CDAC acts

EXAMINATION QUESTION PAPER

PG-DHPCSA September 2022

EXAM Type : Main / Re-Exam   **Module Name :** LINUX OS & PERL   **SET: B**

DATE: 18 – 11 – 2022   **Duration:** 2 Hours   **Max. Marks: 40**

Name : Mohill Dalvi

PRN : 220940127 0 1 2

Instructions:

1. Create a **TEXT FILE** with your PRN number and save all the LAB exam work in the text file.

2. In the end of the exam close all the applications and then upload the text file to
   https://forms.gle/bLP1EuBPEsG8re4T9

Q1. Write commands for following   **[5 marks]**

1. To check the default runlevel
2. Display 8 to 12 lines from file myfile.txt in the sorted order
3. Display 5 th to 10th fields of file employee.dat, if data is separated by ":"
4. List all the lines starting with a and ending with m or md from file mydata.txt
5. To change primary group of user1 to group3

Q2. Write shell script for following   **[20 marks]**

1. To display menu
    1. Create user ----- accept username if not exists then create user otherwise display error message
    2. Delete user ------ accept username if exists then delete user otherwise display error message
    3. Change group ------accept username and group name if user exists then change the primary group of the user
    4. Exit. ---------------- exit the program

Q3 Write a Perl script

create a file to store product information(store minimum 10 records) in the following format using vi editor

Prodid:pname:qty:price:categoryid

    [15 marks]

Example
111:lays:23:40.00:1
122:cocacola:34:50.00:2
123:nachos:44:140.00:1

Use above file and write a perl program to do the following:
find sum of all products amount for given category. Amount=qty*price
While finding sum consider amount only if product qty > 25, accept category id from user to find the sum of amount.

*************************************** ALL THE BEST! ***