**Linux Practical Questions for Milestone Project**

***Total Marks: 50***

***Duration: 2 Hours***

1. Create users hari, harry, john, jacob with password **10 Marks**

redhat.

Create groups trg, prod, sales

User hari should be a primary member of trg and

secondary member of sales

User harry should be equivalent to root.

User john should be a primary member of Sales and

secondary member of prod

User jacob should get Korn shell and comment team

leader.

Get only the user account details of the above users and

Write to /users file

2. Install the tree package in your system and **5 Marks**

write the info regarding this package to the file

/tree package.

3) Create the following dir structure 10 Marks **5 Marks**

/

|

name (owner root, group prod rwx,r-x,r-x)

|

------------------------------------------------------

| | | |

company empid favourite sport dept (owner root,

group prod rwx,rw-,r--)

|

file1( owner student, group sales rw-,r--,r--)

(Welcome to Dept of works)

Note: file1 is a file

rest all are directories

4. Perform the following LVM activity **20 Marks**

a. Create a volume group of 30GB by name testvg0

b. Create two lvm of testvol1 with 2GB formatted it with ext4 filesystems and testvol2 with

3GB formatted with xfs filesystem initially and mount it to /vol1 and /vol2 and make these

mount point permanent

c. Extend the capacity of both volumes with 2G capacity without dismounting and finally the size

should be 4GB for testvol1 and 5GB for testvol2

5. Create a swap partition of 500MB. **10 marks**