1. Login as guest (password is guest123)

**ANS** su student

2. Find the present Directory

**ANS** pwd

3. Write the / directory structure

**ANS** tree

4. Write a few commands available in /bin and /sbin directory

**ANS** cd /root/home/bin

/bin commands

ls

mkdir new1

cd

date

cd /root/home/sbin

/sbin commands

clock

5. Find the guest directory

**ANS** locate student

6. Write the permissions of guest directory

**ANS** ls –l

7. Create a new Directory test in guest directory

**ANS** mkdir test

8. Write the permissions of test directory

**ANS** ls –l test

9. Copy the file /etc/resolv.conf in test directory

**ANS** cp /etc/resolv.conf /test

10. Rename the test directory to testing

**ANS** mv /test /testing

11. Delete the testing directory

**ANS** rm-rf /testing

12. Change the permissions of guest directory to 775

**ANS** cd /student

chmod 775

13. Change the permissions of /tmp directory to 700

**ANS** cd /student/tmp

chmod 770

14. Login as root user

**ANS** su root

15. Change the permissions of guest directory to 700

**ANS** cd /root/home/student

chmod 700

16. The location of kernel files in Unix File System is /boot and by looking at the kernel file, write the kernel version you are using in your system.

**ANS** uname -v

17. Login as guest

**ANS** su student

18. Change directory to /

**ANS** cd

Cd ..

19. List the contents of /home directory

**ANS** ls -ld

20. Find the group to which guest belongs

**ANS** id

21. Create a file sidbi in the home area of guest (hint: use touch command)

**ANS** touch sidbi

22. Find the permissions of the file sidbi

**ANS** ls -l /sidbi

23. Find the inode number of file sidbi (hint: ls –li)

ANS ls -li

24. Copy the file sidbi to sidbi1

ANS cp /sidbi /sidbi1

25. Find the inode number of file sidbi1 (hint: ls –li)

ANS ls -li

26. Move the file sidbi to sidbi2

ANS mv /sidbi /sidbi2

27. Find the inode number of file sidbi2 (hint: ls –li)

ANS ls -li

28. Move sidbi2 to sidbi

ANS mv /sidbi2 /sidbi

29. Login as root

ANS su root

30. Create a new user guest1 with same group as guest (hint: use GUI tool ApplicationsSystem Settings Users and Groups)[More on this later in the course]

ANS Done through gui as specified in hint

31. Create a new user guest2 with a different group than the group of guest (hint: use GUI tool ApplicationsSystem Settings Users and Groups)

ANS Done through gui as specified in hint

32. Find, what permissions should the file sidbi have, so that both guest1 and guest2 can write into this file.

ANS ls -li

chmod 770