**Test on UNIX**

Q.1 Define operating System. Write any 2 advantages and disadvantages of operating system.

Q.2 What is UNIX ? Make a Unix Architecture Diagram .

Q.3 Explain commands **: cat, ls , pwd , cal - y, date**

Q. 4 Create a user and make a directory in the user and create a file Student.txt in it. Write some content in the file 'Hello , Welcome to UNIX'. Write a command to search the word UNIX in the file and command to count the total number of words in it.

Q. 5 Create two directories A and B in the /home/username and do the following :

a) Create a file file1.txt in A and file2.txt in B.

b) Copy file1.txt from A to B.

c) Move file2.txt from B to A.

d) Rename file1.txt in A to a new name as newFile.txt

e) Remove directory B.

f) Show all contents of file file1.txt on the screen

g) Write a command to display the users who have logged in to UNIX.

h) Write a command to write all the user information who have logged in to

UNIX.

i) Make an alias of a command clear.

j) Make a file Fruits.txt and sort the fruit list and print it on the screen.