**Test on UNIX**

Q.1 What is Shell Script? Write different type of Shells in Unix. create two shell script file named as X.sh and Y.sh.

Q.2 What is compression and Decompression of file? Create three text files and make a compressed file for all 3 text files. Decompress the same file.

Q.3 Explain and Execute commands **: awk , sed, find , function, chmod**

Q. 4 What is Crontab ? how many options we can use with crontab ? Why do we use Crontab? Write a Cron process which creates a file on the desktop at 3 : 15 pm everyday and writes a message Hello in it.

Q. 5 Execute the following commands :

a) **cat** which concatenates three files and write contents of all files in a file

b) Create a file Hello.txt using Vi editor , write 3 lines in it and delete first

line.

c) Write a function addition in a shell script file which adds two numbers .

d) Make a file items.txt and sort its elements. Make another file

movies.txt , Write some movies name in it and join both files and print

the joined content in the terminal.

e) Write a program in shell script to display numbers from 1 to 5 using for.