GLS UNIVERSITY
BCA SEM IV
Linux and Shell Script
UNIT-III

1	Create a .txt file contain list of atleast 20 name of the cities and implement following commands: 1) Cut the 2 -4 characters from all cities 2) Sort all city names 3) Display first five cities 4) Display last five cities
2	Write a shell script to make use of awk command to display the following output. Such that it prints the first field and string of 10 characters (right justified), then a space and display third field and then a second record in new line. E.g. CIS 262 Canada 24 China 866 USA 219 Brazil 116
3	Write a shell script to create a file f1 with following contents: No Item_Name Quantity Price 1 Mangoes 45 $3.45 2 Apples 25 $2.45 3 Pineapples 5 $4.45 4 Tomatoes 25 $3.45 5 Onions 15 $1.45 6 Bananas 30 $3.45 Display '*' at end of each record having quantity greater than 15
4	Write a shell script to create a file with following contents: No Item_Name Quantity Price 1 Pen 45 $3.45 2 Pencil 25 $2.45 3 Eraser 5 $4.45 4 Pen 25 $3.45 5 Stapler 15 $1.45 6 Pen 30 $3.45 Diplay all the Records starting with 'P' character. Count all records having quantity =25 Display the record with maximum price
5	Create a unix.txt. Content of the file is given below.

| | unix is great os. unix is opensource. unix is free os.
learn operating system.
unix linux which one you choose.
unix is easy to learn.unix is a multiuser os.Learn unix .unix is a powerful.

Implement below queries on file
Replace all the word from unix to linux
Replace only 3rd occurance unix to linux
Replace a string in 2 nd line only from Unix to Linux
Delete a pertuculer line (5th)line from file
Hint : Use sed command |