**19CSE310-Computer Networks**

1. Implement only single client ,single server program
2. Option a,b,c,d is compulsory
3. Option e can be done based on the time and will be noted for providing higher marks

**Topic : Socket programming using TCP-Single client,Single server**

Create a file named Stationary.xls with following details:

Date ,productid ,Quantity,cost, Totalcost. Provide details for 10 products in the file. There can be details for more than one date for a product.

There will be a column named Category

Store this program in the server side.

At the client side display the following options

1. I- Insertion
2. M-Modification
3. V-View
4. U-Update

On entering ‘I’ it should be possible to insert a new record in the file

On entering ‘M’ it should be possible to modify TotalCost as cost\*Quantity

On entering ‘V’ it should be possible to view the records in the file

On entering ‘U’ it should be possible to update the Category as below:

1. If TotalCost is between 1 to 1000 it is “A’’
2. If TotalCost is greater than 1000 it is “B’’

On entering ‘F’ it should be possible to display the the product details based on the productname . The same should be extended to display the stock details based on the Date.