

# SET 1

20 Marks

1. Consider the following schema:

```
Suppliers(sid, sname, address)
Parts(pid, pname, color, unitPrice)
Catalog(sid, pid, cost, deliverydate)
```

- Create the tables with primary key and foreign keys. Add constraints wherever necessary.
- Insert 5 records in each table.
- Find the *pnames* of parts for which there is some supplier in descending order.
- Find the *snames* of suppliers who supply a part.
- Find the *sids* of suppliers who charge more for some part than the average cost of that part (averaged over all the suppliers who supply that part).
- Find the months in which the products whose sid is between 20 and 40
- Find maximum price of the product based on color
- For every supplier that only supplies green parts, print the name of the supplier and the total number of parts that she supplies.

## Evaluation Scheme

Section	Max Marks	Marks Awarded
Create tables	6	
Insert values	2	
Queries	12	
Total		