Assignment 3

Q 1. Considering the given relations, operate the following queries:

STUD_MEMBER

Roll_No	F_Name	M_Name	S_Name	Dept_ID	Semester	Contact_No	Gender
1	Ankur	Samir	Kahar	1	1	272121	M
2	Dhaval	Dhiren	Joshi	1	1	232122	M
3	Ankita	Biren	Shah	1	1	112121	F
10	Komal	Maheskumar	Pandey	2	3	123123	F
13	Amit	Jitenkumar	Mehta	3	3	453667	M
23	Jinal	Ashish	Gandhi	2	1	323232	M
22	Ganesh	Asha	Patel	2	3	124244	M
4	Shweta	Mihir	Patel	3	1	646342	F
7	Pooja	Mayank	Desai	3	3	328656	F
8	Komal	Krishnaraj	Bhatia	2	3	257422	F
43	Kiran	Viraj	Shah	1	1	754124	F

DEPARTMENT

Dept_ID	Dept_Name
1	Information Technology
2	Electrical
3	Civil
4	Mechanical
5	Chemical

1	Display the names and contact number of all student member
2	Give the names and roll numbers of all students of information technology.
3	Display the department names whose students are present in student member.
4	Display the department names where no student information is available.
5	Display the names of all departments.
6	Find the names of students of electrical department who are the members
7	Display the information of students members whose names begin with the letter A
8	Display all the details of male members only
9	Display the data of student members who are currently in semester 3
10	Display the data of student female member in alphabetic order

Q2 Consider the following relations and operate the given queries

Table: sales

OrderID	OrderDate	OrderPrice	OrderQuantity	CustomerName
1	12/22/2005	160	2	Smith
2	8/10/2005	190	2	Johnson
3	7/13/2005	500	5	Baldwin
4	7/15/2005	420	2	Smith
5	12/22/2005	1000	4	Wood
6	10/2/2005	820	4	Smith
7	11/3/2005	2000	2	Baldwin
8	12/22/2002	1000	4	Wood
9	12/29/2004	5000	4	Smith

Table: products

Product_id	OrderId	Manufacture_Date	Raw_Material	Vendor_Id
AZ145	2	12/23/2005	Steel	1
CS784	4	11/28/2005	Plastic	2
AZ147	6	8/15/2002	Steel	3
FD344	3	11/3/2005	Milk	1
GR233	3	11/30/2005	Pulses	2
FD123	2	10/3/2005	Milk	2
CS783	1	11/3/2004	Plastic	2
CS435	5	11/4/2001	Steel	1
GR567	6	9/3/2005	Pulses	2
FD267	5	21/3/2002	Bread	4
FD333	9	12/12/2001	Milk	1

Table: Vendor_info

Vendor_id	Vendor_name
1	Smith
2	Wills
3	Johnson
4	Roger

Table:Vendors

Raw_material	Vendors	Vendor_id
Steel	Smith	1
Plastic	Wills	2
Steel	Johnson	3
Milk	Smith	1
Pulses	Wills	2
Bread	Roger	4
Bread	Wills	2
Milk	Wills	2

1. Display product information which is ordered in the same year as its manufacturing year.
2. Display product information which is ordered in the same year of its manufacturing year and where vendor is "smith".
3. Display total no. of orders placed in each year.
4. Display total no. of orders placed in each year by vendor Wills.
5. Display the name of all those persons who are vendors and customers both.
6. Display total no. of food items ordered every year.
7. Display total no. of food items ordered every year made from Bread.
8. Display list of product_id whose vendor and customer is different.
9. Display all those customers who are ordering milk products by smith.
10. Display total no. of orders by each vendor every year.