Assignment 5

Relational and Logical Operators.

1) Write a query that will give you all orders for more than Rs. 1,000.

Ans: select * from Orders
   -> where Amt > 1000;

2) Write a query that will give you the names and cities of all
salespeople in London with a commission above .10.

Ans: select Snam, City
   -> from Salespeople
   -> WHERE City = 'London' AND Comm > 0.10;

3) Write a query on the Customers table whose output will exclude all
customers with a rating <= 100, unless they are located in Rome.

 Ans: SELECT *
FROM Customers
WHERE (Rating > 100 OR City = 'Rome');

4) What will be the output from the following query?
Select * from Orders
where (amt < 1000 OR
NOT (odate = 1990-10-03
AND cnum > 2003));

Ans: Ans: Orders with amt < 1000.
Orders where the odate is not 1990-10-03 or the cnum is less than or
equal to 2003.

5) What will be the output of the following query?
Select * from Orders

where NOT ((odate = 1990-10-03 OR snum
>1006) AND amt >= 1500);

Ans: Orders where either the odate is not '1990-10-03' and snum is less
than or equal to 1006, or
The amt is less than 1500.

6) What is a simpler way to write this query?
Select snum, sname, city, comm From Salespeople
where (comm > .12 OR comm <.14);

Ans: SELECT snum, sname, city, comm
FROM Salespeople
WHERE comm <> 0.13;
or
SELECT snum, sname, city, comm
FROM Salespeople
WHERE comm IS NOT NULL;