***Assignment –5* Relational and Logical Operators.**

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

**select \* from Orders where Amt>1000;**

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

**select sname,city from Salespeople where city='London' and Comm>0.10;**

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

**select \* from Customers where Rating>100 or city='Rome';**

1. What will be the output from the following query?

Select \* from Orders

where (amt < 1000 OR

NOT (odate = ‘1990-10-03’

AND cnum > 2003));

**+------+---------+------------+------+------+**

**| Onum | Amt | Odate | Cnum | Snum |**

**+------+---------+------------+------+------+**

**| 3001 | 18.69 | 1990-10-03 | 2008 | 1007 |**

**| 3003 | 767.19 | 1990-10-03 | 2001 | 1001 |**

**| 3005 | 5160.45 | 1990-10-03 | 2003 | 1002 |**

**| 3009 | 1713.23 | 1990-10-04 | 2002 | 1003 |**

**| 3007 | 75.75 | 1990-10-04 | 2004 | 1002 |**

**| 3008 | 4723.00 | 1990-10-05 | 2006 | 1001 |**

**| 3010 | 1309.95 | 1990-10-06 | 2004 | 1002 |**

**| 3011 | 9891.88 | 1990-10-06 | 2006 | 1001 |**

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1. What will be the output of the following query?

Select \* from Orders where NOT ((odate = ‘1990-10-03’ OR snum

>1006) AND amt >= 1500);

**+------+---------+------------+------+------+**

**| Onum | Amt | Odate | Cnum | Snum |**

**+------+---------+------------+------+------+**

**| 3001 | 18.69 | 1990-10-03 | 2008 | 1007 |**

**| 3003 | 767.19 | 1990-10-03 | 2001 | 1001 |**

**| 3006 | 1098.16 | 1990-10-03 | 2008 | 1007 |**

**| 3009 | 1713.23 | 1990-10-04 | 2002 | 1003 |**

**| 3007 | 75.75 | 1990-10-04 | 2004 | 1002 |**

**| 3008 | 4723.00 | 1990-10-05 | 2006 | 1001 |**

**| 3010 | 1309.95 | 1990-10-06 | 2004 | 1002 |**

**| 3011 | 9891.88 | 1990-10-06 | 2006 | 1001 |**

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1. What is a simpler way to write this query?

Select snum, sname, city, comm From Salespeople where (comm > .12 OR comm <.14);

**select \* from Salespeople ;**

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