**SQL– Test 4**

Date: 03-Oct-2018

**Marks: 70** Duration: 90 Mins

**Part-A**

1. All customers in San Jose, who have rating more than 200.

2. All customers with NULL values in city column.

3. All orders taken on Oct 3Rd and Oct 4th 1994.

4. All customers excluding those with rating <= 100 unless they are located in Rome.

5. All customers serviced by peel or Motika.

6. All orders except those with 0 or NULL value in amt field.

7. Largest order taken by each salesperson, datewise.

8. Which day had the hightest total amount ordered.

9. Count the number of different non NULL city values in customers table.

10.Get the output like “ For dd/mm/yy there are \_\_\_ orders.

11.All combinations of salespeople and customers who shared a city.

12.List each order number followed by the name of the customer who made the order.

13.Calculate the amount of the salesperson’s commission on each order with a rating above 100.

14.Find all pairs of customers having the same rating.

15.Display all customers located in cities where salesman serres has customer.

16.select cname,city from cust where rating=(select rating from cust where cname='Hoffman');

17.All orders credited to the same salesperson who services Hoffman.

18.Count the customers with rating above San Jose’s average.

19.Produce the names and rating of all customers who have above average orders.

20.Find names and numbers of all salesperson who have more than one customer

**Part-B 2\*5=10**

1. Write a sequel statement using all clauses and explan the order of excution.

2. careate a table with name,orderid and display the output of Result\_Order in the below same manner:

Name Orderid Result\_Order

Pallavi 123456789012 1234\*\*\*\*9012

Rafi 1234567890 1234\*\*7890

Pavan 12345678 12345678

**Part-C 5\*2=10**

1. How to count number of words in a sentence?

Example: 'Count the number of words in this sentence'

2. How to write a calculation to reverse the words?

Example: "Jaya Praveen" to "Praveen Jaya"

3. I have string like this: "s h a i k" but i want to show it as "shaik".

Which function will do this? can you write calculation for this?

4. How to find Nth word in a given string?

Example: 'find the 4th word in this string'

5.I have data like this

Name

Suresh\*\*\*\*\*

Ramesh\*\*\*

Rakesh\*\*\*\*

I want to show like this:

Name

Suresh

Ramesh

Rakesh

**Part –D 10\*1=10**

1. What is the result of the following SQL query?

SELECT TO\_NUMBER(&#39;ABC&#39;) FROM dual;

a. Oracle Error message b. ABC c. 123

2. Does the following SQL statement return any rows?

SELECT \*

FROM section

WHERE start\_date\_time BETWEEN

TO\_DATE(&#39;31-DEC-2200&#39;,&#39;DD-MON YYYY&#39;)

AND TO\_DATE(&#39;01/01/1900&#39;,&#39;MM/DD/YYYY&#39;)

a. Invalid Query b. Yes c. No

3. A relation is in this form if it is in BCNF and has no multivalued dependencies:

A. Second normal form. B. Third normal form.

C. Fourth normal form. D. domain/key normal form.

4. When the values in one or more attributes being used as a foreign key must exist in another set of

One or more attributes in another table, we have created a (n):

A. transitive dependency. B. insertion anomaly.

C. referential integrity constraint. D. normal form.

5. A functional dependency is a relationship between or among:

A. tables. B. rows. C. relations. D. attributes.

6. How many tables may be included with a join?

A. One B. Two C. Three D. All of the above.

7. A tuple is a(n):

A. column of a table. B. Two dimensional table.

C. row of a table. D. key of a table.

8. You cannot order the results of a set operation.

a.True b.False

9. A table always has columns and rows.

a. True b. False

10. The following SQL query returns -1: SELECT SIGN(-45) FROM dual

a. True b. False