**Answer Sheet - SQL**

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**Major Question 1**

1. List the salary of all the employees.

You can fetch one or more than one column from database if you want only one column you have to specify the name of that column which you want.

Insert Image-



1. Display the names of all employees with any “A” at any place of the name.

If you want fetch the string by specify the substring you can use like keyboard

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1. Show all employees who were hired in the first half of the month (Before the 16th of the month).

For this you can use extract funtion mention in condition

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1. Display the name of all female employees.

If you want to filter the data from the database based on condition you can do it by specify the condition as you want.for this you can use where funtion but you cannot this function after the gruping then you will have to use having clause to specify the condition.

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1. Display the employee who is paid most in the company.

You can use aggregate fuction for this like max function

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**Major Question 2**

1. Display employee name, address, department no and department name.

If you want fetch the data from different table you have to use the join function with specify the name of that column which you want. You also have to specify that column which column is common in both table with on keyboard

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1. Display all the employees who are *not in* ACADEMIC department

We have used for this join function.this join function merge the table based on common column.Then I can extract that record which is asked.

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1. Display SATYAS’ project location.

In this question we again using of join function to fecth record from data but in this we will have to fetch record more than one table we also can do. Firstly we have to join two column after then we have join table again join with other table where the data is present which we want to extract.

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1. Find the total working hours of *each* female employee.

You can use join method firstly then group function with havinf function

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1. Display the details of the people whose projects are located at SOUTH AFRICA.

In this we have to use join all table of database with specify the condition

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