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//QBT-2//

Query Based Test

Time: 11:00 AM - 1:00 PM

Duration: 2 hours

Total Marks: 100

Total Questions: 21 Compulsory Questions

+ 1 Bonus Marks Question

Database: HR Analytics

Note: Late Submission not allowed

//File Submission//:

Mail your answer sheets at varun.ai2022@gmail.com

Subject of Mail: QBT-2 SQL Name Roll Number

SQL File Name: QBT-2 Name

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-- Question 1: Retrieve the employees earning more than \$10,000 per year.

-- 2 Marks

-- Question 2: Find the employees whose last names start with 'S.'

-- 2 Marks

-- Question 3: Show the average salary of all employees.

-- 2 Marks

-- Question 4: Find the highest salary in the organization.

-- 2 Marks

-- Question 5: Find the top three highest-paid employees in the organization.

-- 3 Marks

-- Question 6: Retrieve the names and salaries of employees earning more than the average salary.

-- 4 Marks

-- Question 7: List employees who are managers.

-- 4 Marks

-- Question 8: Find the lowest salary in each department, fetch department name as well and order them from highest to lowest.

-- 4 Marks

-- Question 9: Calculate the total salary expense for each department_id from lowest to highest in case department is not given use department id 'X'.

-- 4 Marks

-- Question 10: List the department names along with the number of employees in each department.

-- 4 Marks

-- Question 11: Find the employees who joined the company in or after the year 2000 and has salary above US \$5000 and has letter "A" in their firstname.

-- 5 Marks

-- Question 12: Retrieve the department names and their respective full address(in a single column).

-- 5 Marks

-- Question 13: List employees who do not have a manager.

-- 3 Marks

-- Question 14: Calculate the total salary expense for each manager(salary being withdrawn under his leadership).

-- 5 Marks

-- Question 14.A : Optional (Advanced Query)

-- Calculate the total salary expense for each manager(salary being withdrawn under his leadership).

-- Also fetch managers' information like his full name, job title with total salary expenses under him\her.

-- 15 Marks(Additional Marks)

-- Question 15: Find the top 5 departments with the most employees.

-- 5 Marks

-- Question 16: Calculate the average salary of employees for top 5 departments.

-- 8 Marks

-- Question 17: Retrieve the employees name and their job title with their manager's name and their respective title.

-- 8 Marks

-- Question 18: List the employees who have the highest salary in their respective job titles.

-- 12 Marks

-- Question 19: List the department names that have at least one employee earning more than \$10,000.

-- 5 Marks

-- Question 20: Retrieve the employees who have been with the company for more than 10 years.

-- 5 Marks

-- Question 21: Calculate the total salary expense for the organization departmentwise

-- and also calculate percentage of the total that each department contributes.

-- 8 Marks