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|  | **Practical – 5** |
| **Aim** | **To apply the concept of aggregating data using group functions and single raw**  **functions.** |
| **Q-1** | **List total deposit of customer having account date after 1-jan-96.** |
| **A** |  |
| **Q-2** | **List total deposit of customers living in city nagpur.** |
| **A** |  |
| **Q-3** | **List maximum deposit of customers living in bombay.** |
| **A** |  |
| **Q-4** | **Display the highest, lowest, sum, and average salary of all employees. Label the columns** |
| **A** |  |
| **Q-5** | **Maximum, minimum, sum, and average, respectively. Round your results to the**  **nearest whole number.** |
| **A** |  |
| **Q-6** | **Write a query that displays the difference between the highest and lowest salaries.**  **Label the column difference.** |
| **A** |  |
| **Q-7** | **Create a query that will display the total number of employees and, of that total,the**  **number of employees hired in 1995, 1996, 1997, and 1998** |
| **A** |  |
| **Q-8** | **Find the average salaries for each department without displaying the respective**  **department numbers.** |
| **A** |  |
| **Q-9** | **Write a query to display the total salary being paid to each job title, within each**  **department.** |
| **A** |  |
| **Q-10** | **Find the average salaries > 2000 for each department without displaying the**  **respective department numbers.** |
| **A** |  |
| **Q-11** | **Display the job and total salary for each job with a total salary amount exceeding**  **3000, in which excludes president and sorts the list by the total salary.** |
| **A** |  |
| **Q-12** | **List the branches having sum of deposit more than 5000 and located in city**  **bombay.write a query to display the current date. Label the column date for each**  **employee, display the employee number, job, salary, and salary increased by 15%**  **and expressed as a whole number. Label the column new salary** |
| **A** |  |
| **Q-13** | **Modify your query no 12 to add a column that subtracts the old salary from the**  **new salary. Label the column increase** |
| **A** |  |
| **Q-14** | **Write a query that displays the employee’s names with the first letter capitalized**  **and all other letters lowercase, and the length of the names, for all employees whose**  **name starts with j, a, or m. Give each column an appropriate label. Sort the results**  **by the employees’ last names.** |
| **A** |  |
| **Q-15** | **Write a query that produces the following for each employee: <employee last**  **name> earns <salary> monthly** |
| **A** |  |
| **Q-16** | **Display the name, hire date, number of months employed and day of the week on**  **which the employee has started. Order the results by the day of the week starting**  **with monday.** |
| **A** |  |
| **Q-17** | **Display the hiredate of emp in a format that appears as seventh of june 1994**  **12:00:00 am.** |
| **A** |  |
| **Q-18** | **Write a query to calculate the annual compensation of all employees (sal+comm.).** |
| **A** |  |

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| **Sign:** | **Grade:** |