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| **Sr. no.** | **Program Name** | **R1** | **R2** | **R3** | **R4** | **R5** | **Total Marks** | **Signature** |
| 1. | Write a brief note on PostGreSQl. List the features of PostGreSQL and its installation steps. |  |  |  |  |  |  |  |
| 2. | Comparison of different databases such as Postgre, Oracle, IBM DB2, MYSql and Maria database. |  |  |  |  |  |  |  |
| 3. | Data Definition Language Commands, Data Manipulation Language Commands and In Built Functions. |  |  |  |  |  |  |  |
| 4. | Write SQL queries on Nested queries and Join. |  |  |  |  |  |  |  |
| 5. | Write a program   * 1. To calculate total students enrolled area-wise.   2. To calculate average marks obtained by students residing in area that starts with "R" |  |  |  |  |  |  |  |
| 6. | Write the cursor to increase the marks of student by 10%. |  |  |  |  |  |  |  |
| 7. | Write a program to create exceptions if enrollment no. is not issued to student by the university and raise the exception explicitly by using raise command. |  |  |  |  |  |  |  |
| 8. | Procedure & Function   1. Write the procedure to get the average marks of students for branch “CSE”. 2. Write a function that accepts branch and returns the total no. of students of the branch. |  |  |  |  |  |  |  |
| 9. | Trigger   1. Create a trigger on table after inserting a new student into table. 2. Write a row trigger to insert the existing values of the student table in to a new table when the marks of student is updated. |  |  |  |  |  |  |  |
| 10. | Design Database - Inventory Database(represent for purchase/order details). |  |  |  |  |  |  |  |