Department of Computer Science and Engineering,
Anna University, Chennai– 600025
CS6106 – Database Management System Lab
(R 2018)
Jan– May 2023
Year/Sem/Batch : II/IV/P

| Week 10 | Synonym, sequence, index and PL/SQL | 12– Apr– 2023 |

Observation (5 Marks)

1. Write a brief note on synonym, sequence and index with syntax and example.
2. Write about PL/SQL programming.

Execution (15 Marks)

1. Create a synonym for the table student by selecting any one field

2. Create a sequence for the table faculty

3. Create a index for the table course

4. Simple PL/SQL programs

   a) Write a PL/SQL procedure to find sum and average of three numbers

   b) Write a PL/SQL procedure to find the greatest of three numbers

   c) Write a PL/SQL procedure to find the factorial of a given number

   d) Write a PL/SQL procedure to insert the student record into the student table

   e) Write a PL/SQL procedure to delete a record in the faculty table

Spot (5 Marks):

1. Write a PL/SQL procedure to retrieve

   a) passed students details

   b) enrolled student details for a particular course

2. Write a PL/SQL procedure to display the sum of salaries in specified department.

3. Write a PL/SQL procedure to calculate maximum of two salaries, fetch the salaries of any two

faculties and find the maximum salary.