Database Management Systems Lab Cycle-III (PL/SQL Basic Concepts)

- 1. Write a PL/SQL program to input two numbers and display the total and average of these numbers.
- 2. Write a PL/SQL block to accept a year and check whether it is a leap year or not?
- 3. Write a program to input the salary and working experience of employee and calculate the bonus as 10% of salary. Give \$500. Extra bonus to those who's working experience More than 10 years.
- 4. Write a PL/SQL program to input the Basic Salary and calculate the HRA, DA and Net Salary as per:

BASIC	HRA	DA
>15000	12%	8%
>12000	10%	6%
>9000	7%	4%
OTHERS	5%	\$200

5. Program to input principal amount, time. If time more than 10 years, calculate the simple interest with 8% interest otherwise with 6%.

SELECT, INSERT AND DELETE:

- 6. Write the Code to input the employee's number and print the name and salary of that employee.
- 7. Write a PL/SQL block to print the highest paid and lowest paid employee from employee table.
- 8. Write the PL/SQL code to input the employee's number and increase the salary by 10% if his salary < 5000 otherwise delete the record.
- 9. Write a PL/SQL block to delete all the rows of a particular department from the table employee where deptno is accepted from the user.
- 10. Write PL/SQL code to insert the record in department table.

EXCEPTIONS:

- 11. Write PL/SQL script to input salary amount and display the Employee Name earning same salary amount. Use NO_DATA_FOUND and TOO_MANY ROWS Exception.
- 12. Write PL/SQL script that traps ZERO_DIVIDE exception when a number is divided by other number. And also raised user define exception if number2 greater than number1.