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**DDL WORKSHEET-XIII** 

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I. Write a trigger to ensure that no employee of age less than 25 can be inserted in the database.

```
F:\Downloads\ORACLE CLIENT 11.2\ORACLE CLIENT 11.2\instantclient_11_2\sqlplus.exe

SQL> CREATE TRIGGER CHECK_AGE BEFORE INSERT ON EMP

FOR EACH ROW

BEGIN

I F NEW.AGE < 25 THEN

SIGNAL SQLSTATE '45000'

SET MESSAGE_TEXT = 'ERROR:

AGE MUST BE AT LEAST 25 YEARS!';

BEND;

PEND;

PEND;

Warning: Trigger created with compilation errors.
```

II. Create a trigger which will work before deletion in employee table and create a duplicate copy of the record in another table employee old.

III. Write a trigger to count number of new tuples inserted using each insert statement.

IV. Write a program in PL/SQL to find the number of rows effected by the use of SQL%ROWCOUNT attributes of an implicit cursor.

```
■ F\Downloads\ORACLE CLIENT 11.2\ORACLE CLIENT 11.2\instantclient_11_2\sqlplus.exe

SQL> set serveroutput on;
SQL> CREATE TABLE emp_temp AS
2 SELECT empno, ename, job FROM emp;

Table created.

SQL> BEGIN
2 UPDATE emp_temp
3 SET job = 'not available'
4 WHERE ename LIKE 'B%';
5 dbms_output.Put_line('Number of record updated: '
7 ||To_char(SQL%rowcount));
8 END;
9 /
Number of record updated: 0

PL/SQL procedure successfully completed.
```

V. Write a program in PL/SQL to show the uses of implicit cursor without using any attribute.

VI. Write a program in PL/SQL to retrieve the records from the employees table and display them using cursors.

VII. Create a PL/SQL block to increase salary of employees in the department 20 using explicit cursor.

VIII. Write a program in PL/SQL to print a list of managers and the name of the departments (explicit).

XI. Write a program in PL/SQL to create a cursor displays the name and salary of each employee in the EMPLOYEES table whose salary is less than that specified by a passed-in parameter value.

X. Write a PL/SQL block to find the name and salary of first five highest paid salaries using explicit cursor.