Name: **SAP ID:**

<u>*PS: Write the answer in the question paper itself. If space is not sufficient then use backside of paper to answer and mention question number.*</u>

Q1. *Choose correct* **DDL** *statements from below.*
Ans:

    [ ]Update   [ ] Alter   [ ] Insert
    [ ]Drop   [ ] Delete   [ ] Select

Q2. *When you miss to give WHERE clause in you DELETE query statement, what happens? Tick that apply.*
Ans:

    [ ] *Removes first record from the table.*

    [ ]*Removes all the records from the table.*

    [ ]*Removes the table.*

    [ ]*SQL throws Syntax error*

Q3. How to select UNIQUE records from a table using a SQL Query? Write the query and result set .

        Consider below EMPLOYEE table as the source data

        CREATE TABLE EMPLOYEE (
                EMPLOYEE_ID NUMBER(6,0),
                NAME VARCHAR2(20),
                SALARY NUMBER(8,2)
        );

        INSERT INTO EMPLOYEE(EMPLOYEE_ID,NAME,SALARY) VALUES(100,'Jennifer',4400);
        INSERT INTO EMPLOYEE(EMPLOYEE_ID,NAME,SALARY) VALUES(100,'Jennifer',4400);
        INSERT INTO EMPLOYEE(EMPLOYEE_ID,NAME,SALARY) VALUES(101,'Michael',13000);
        INSERT INTO EMPLOYEE(EMPLOYEE_ID,NAME,SALARY) VALUES(101,'Michael',13000);
        INSERT INTO EMPLOYEE(EMPLOYEE_ID,NAME,SALARY) VALUES(101,'Michael',13000);
        INSERT INTO EMPLOYEE(EMPLOYEE_ID,NAME,SALARY) VALUES(102,'Pat',6000);
        INSERT INTO EMPLOYEE(EMPLOYEE_ID,NAME,SALARY) VALUES(102,'Pat',6000);
        INSERT INTO EMPLOYEE(EMPLOYEE_ID,NAME,SALARY) VALUES(103,'Den',11000);

Q4. Tick the correct answer for Primary Key & Foreign Keys.

Primary Key	Foreign Key
[ ] Must have unique values	[ ] References Primary Key of Master Table
[ ] Primary key values can be NULL	[ ] Table can have multiple foreign keys.
[ ] Maximum allowed primary keys per table are 2.	[ ] Deleting the data from child table will also delete data from Master table as well.
[ ] Primary Key is indexed automatically	[ ] Foreign keys are index automatically

Q5.   a. What is Transaction ?

              b. What statement you use to START and END the transaction?

              c. What is the command do issue to REVERT a transaction ?

Q6.

ORDER BY clause in a SELECT statement by default sorts the data by

              [ ]Ascending
              [ ] Descending
              [ ] SELECT does not support ORDER BY
              [ ]Sorts by date

Unix Questions:

Q7. How to display the first 10 characters from each line of a file?

Q8. Provide Unix commands to change permission of the file **HCLRocks** as below

    a.   Make the file **HCLRocks** read only

    b.   Make file **HCLRocks** execute only

    c.   Make file **HCLRocks** remove all permission