Register No.   Time: 3 Hours
                                                                              Maximum Marks:100

I. Fill in the blanks. Answer ALL questions.   **(10 x 1 = 10)**

1. RDBMS stands for _____

2. DML stands for _____

3. A row in the database table is called _____

4. The_____ statement is used to delete an index in a table.

5. _____ is a virtual table.

6. In PL/SQL , PL stands for _____

7. _____ is a computer language for defining data structures.

8. An _____ is a property of an entity that differentiates if from other entities.

9. SQL means _____

10. _____ SQL statement is used to modify the records in a Table.

II. Explain briefly. Answer any TEN questions.   **(10 x 4 = 40)**

1. What is Data Independence? What are the two types of Data Independence?

2. What is a Trigger?

3. What is meant by Shadow process?

4. Write the statement used to left join two tables named Aaa and Bbb?

5. Briefly explain Client Server.

6. Briefly explain parallel system and distributed system.

7. What are Data Blocks?

8. What is a Data Dictionary?

9. What is SGA ?

10. Write the statement to create table with at least four field ?

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11. Briefly explain primary key and foreign key with examples.

12. What do you mean by query?

13. Briefly explain the difference between commit and rollback.

III. Answer any FIVE questions. Explain in detail. (5 x 10 = 50)

1. What is Normalization? What are the different Normal Forms?

2. What are the advantages of DBMS?

3. Explain about ACID property.

4. What do you mean by file organization? Explain its different types.

5. What do you mean by aggregate function? Explain in detail with suitable example.

6. Explain in detail about the fundamental operations of relational algebra?

7. What do you mean by Exception? Write different kinds of exceptions in PL/SQL?

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