Time : Three hours   Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions

1. Define: Primary Key?

2. State the use of DDL Compiler.

3. What is Relational Database.

4. Define: Relational Algebra

5. What is SQL?

6. Define: Normalization.

7. What is Integrity Constraints?

8. Write a note on Set Operations.

9. What is partial dependency?

10. Exapnd: DDL.

11. What is mean by DCL?

12. Define: Exception.

PART B — (5 × 5 = 25 marks)

Answer any FIVE questions

13. Write short note on Building blocks of ER Diagram.

14. Explain the Mapping Constraints concept.

15. Describe the Structure of Relational Database.

16. Write short note on Tuple relational Calculus.

17. Summarize on Aggregate functions with examples.

18. Elaborate on Second Normal form with example.

19. Describe on Exception Handling in PL/SQL.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions

20. Explain the purpose of Database Systems.

21. Write the codd's rule for RDBMS.

22. Give an overview on the Nested Sub Queries.

23. Discuss on E-R Model, Query processor with suitable example.

24. Write a trigger program to display the appropriate message for inserting and deleting records in a database table.

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