Time : Three hours   Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. What do you mean by class?

2. Define : Data Dictionary.

3. What is a normal form?

4. Define the term "Attribute".

5. Write the general form of CREATE TABLE command.

6. How do you testing queries?

7. What is a DML?

8. What is a null value?

9. What is a super key?

10. Define the term "Entity".

11. List out any four Database-System Applications.

12. What is the use of data privacy?

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PART B — (5 × 5 = 25 marks)

Answer any FIVE questions.

13. Write down the advantages of the database management system approach.

14. Describe the basic types of events occur in database environment.

15. Write a note on GROUP BY and HAVING clauses.

16. Explain about the concept of sub queries.

17. Describe about the form layout.

18. Explain the user defined functions with simple example.

19. What are the advantages of distributed databases? Explain.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

20. Explain the various types of data types available in DBMS with simple examples.

21. What are the aggregate functions of SQL? Explain with examples.

22. Discuss about the basic report types in detail.

23. Explain the effective design of reports and forms.

24. Discuss the web as a client/server system.

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