51309/SAE5B/ SAZ5A

Time: Three hours

Maximum: 75 marks

SECTION A – $(10 \times 2 = 20 \text{ marks})$

Answer any TEN questions

- Define DBMS.
- Write a note on: Class Diagrams. 2.
- Define: Data Dictionary. 3.
- Define: SQL. 4.
- Write a note on: DDL Commands. 5.
- What are Outer Joins?
- 7. Write a note on: Tabular Forms.
- Define: Internet. 8.
- Write the user interface features. 9.
- What are distributing applications? 10.
- List the advantages of object oriented databases.
- Define: Client System. 12.

SECTION B – $(5 \times 5 = 25 \text{ marks})$

Answer any FIVE questions

- Discuss about Data types in DBMS.
- Write short note on: Events.
- Discuss about GROUP BY command.
- Write short notes on: Testing Queries.
- Brief about effective design of forms.
- Write short notes on: Transactions.
- Discuss about advantages of Distributed database.

SECTION C – $(3 \times 10 = 30 \text{ marks})$

Answer any THREE questions

- Describe about Third and Fourth Normal Form with an example.
- Explain about Data Manipulation commands with examples.
- Describe about Error Handling.
- Discuss about Data Clustering and partitioning.
- 24. Explain Three-Tier Client/Server Model.

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