

NOVEMBER 2018      51309/SAE5B/SAZ5A

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Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. Define: "Entity".
2. What is a class diagram?
3. What is a null value?
4. Define: Database Management System.
5. What is a DML?
6. What is a super key?
7. Define: Foreign Key.
8. What is an integrity constraint?
9. What is the purpose of ALTER TABLE command?
10. Define the term "Attribute".
11. Mention the any four duties of Database Administrator.
12. What is the database planning?

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PART B — (5 × 5 = 25 marks)

Answer any FIVE questions.

13. Explain the components of a database management system.
14. What are the basic types of events occur in database environment? Describe.
15. How can create, modify and query tables using SQL?
16. What are the aggregate functions of SQL? Explain.
17. Brief about data storage methods.
18. Explain the user defined functions with simple example.
19. What are the security and privacy issues in database? Describe.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

20. Discuss about the first, second and third normal form with examples.
21. What are Data Manipulation Language commands in SQL? Explain.

22. Illustrate the effective design of reports and forms.
23. Discuss about the basic report types in detail.
24. Explain about the client/server databases.