

APRIL 2019

51309/SAE5B/SAZ5A

PART B — (5 × 5 = 25 marks)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. What is data dictionary?
2. Define : class diagrams.
3. What is a primary key?
4. What is the basic structure of the SQL SELECT command?
5. Define : DDL.
6. What are reports?
7. What do you mean by transaction?
8. List the primary sections of reports.
9. Write a note on events.
10. What is meant by distributed database?
11. What tasks are performed by a DBA?
12. Define the term privacy.

Answer any FIVE questions.

13. Discuss the advantages of DBMS.
14. Discuss briefly on first and second normal forms with examples.
15. Explain briefly on DML.
16. Discuss briefly on creating forms with examples.
17. Write short notes on : procedural languages.
18. Explain the user defined functions with simple example.
19. Explain about backup and recovery.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

20. Explain about BCNF and 4NF with examples.
21. Explain queries with multiple tables with suitable examples.
22. Explain about effective design of forms and reports.
23. Describe about data storage methods.
24. Explain about object oriented databases.

11) B.sc (CS) - Database Management System 2 51309/SAE5B/SAZ5A

