Third Semester BSc Degree (Reg) Examination November 2025
KU3DSCCSY201 - DATABASE MANAGEMENT SYSTEM
2024 Admission onwards

Time : 1.5 hours   Maximum Marks : 50

Section A

Answer any 6 questions. Each carry 2 marks.

1. Define data model.

2. What is database schema?

3. What is the use of AVG() function?

4. What are relational operators in SQL?

5. Define SQL.

6. What is DML?

7. What is a candidate key?

8. Define relational algebra.

Section B

Answer any 4 questions. Each carry 6 marks.

9. What is the use of CREATE command? Explain with syntax and example.

10. Explain in detail integrity constraints.

11. Describe the use of SELECT command in SQL.

12. Write a note on trivial and non-trivial dependencies.

13. Explain Third Normal Form with example.

14. Compare select and project operation in relational algebra.

Section C

Answer any 1 questions. Each carry 14 marks.

15. Explain the purpose of database system.

16. Describe inner and outer join with examples.