

**Fourth Semester FYUGP Degree (Reg) Examination April
2026**

**KU4DSCCSC208 - DATABASE MANAGEMENT SYSTEM
2024 Admission onwards**

Time : 1.5 hours

Maximum Marks : 50

Section A

Answer any 6 questions. Each carry 2 marks.

1. How to use INNER JOIN in SQL?
2. Define Sequence
3. What is Relational model?
4. Define data.
5. Which are the Relational Operators?
6. What are the different DDL Commands in DBMS.
7. List Mapping cardinality
8. Define entity and relationship.

Section B

Answer any 4 questions. Each carry 6 marks.

9. Elaborate on Mapping Cardinalities and Participation Constraints
10. Compare and contrast tuple and domain relational calculus.
11. What you mean by TCL Statement? Explain.
12. Explain attributes in ER model. Discuss different types of attributes.
13. Explain specialisation with an example.
14. Explain ER design issues with example

Section C

Answer any 1 questions. Each carry 14 marks.

15. Explain Database Objects-Table, View, Triggers and Sequence
16. Explain the functional components of a database management system with a neat diagram