FACULTY OF COMMERCE & BUSINESS MANAGEMENT
B.Com (Comp. Applns.) CBCS II-Year (III-Semester) Regular Examinations, Dec-2022/Jan-2023
Relational Database Management System

Time: 3 Hours   Max. Marks: 50

SECTION-A   (5x3=15 Marks)
Answer any Five questions from the following

1.   Explain Database Administrator Role & its Functions.

2.   Explain about Referential Integrity Constraint.

3.   Explain about sequences.

4.   Write about Acid Properties.

5.   Explain Advantages & Disadvantages of DDBMS.

6.   What are the advantages of DBMS over File based system?

7.   Write about Indexed File Organization.

8.   Write about Nested Queries.

SECTION-B   (5x7=35 Marks)
Answer all the following questions

9.   (a) Explain Three Level Architecture of DBMS.
                (OR)
        (b) Write about Entity Relationship Model with example.

10.   (a) Explain Boyce Codd Normal form.
                (OR)
        (b) Explain about Sequential File Organization.

11.   (a) Explain DDL Commands.
                (OR)
        (b) Explain DML Commands.

12.   (a) Write about Two Phase Locking Protocol.
                (OR)
        (b) Define Deadlock. What are the Deadlock Prevention techniques?

13.   (a) Explain about Data Fragmentation.
                (OR)
        (b) OLTP vs. OLAP Explain.