

BOARD DIPLOMA EXAMINATION
MODEL PAPER MID SEM-I
RELATIONAL DATABASE MANAGEMENT SYSTEMS

Second Year, IV Semester Examination

Time : 1 Hour

Max. Marks : 20

PART - A

$4 \times 1 = 4$

Note : Answer all questions. Each question carries One mark.

1. Define DBMS and list 3 applications of DBMS
2. Define Data Independence.
3. List some structural constraints.
4. Define Weak entity types.

PART - B

$2 \times 3 = 6$

Note : Answer the following questions. Each question carries Three marks.

5. (a) Describe Three-Schema Architecture.
(or)
(b) List some Database Models.
6. (a) Describe how to use High-Level Conceptual Data Models for Database Design.
(or)
(b) List different types of attributes and keys.

PART - C

$2 \times 5 = 10$

Note : Answer the following questions. Each question carries five marks.

7. (a) List and explain, Database Languages and Interfaces
(or)
(b) Explain the Centralized and Client /Server Architectures for DBMSs.
8. (a) Explain a Database Application and list some Database applications.
(or)
(b) Demonstrate ER Diagram for University with a neat sketch.