

BOARD DIPLOMA EXAMINATION
MODEL PAPER - SEMESTER END EXAMINATION
RELATIONAL DATABASE MANAGEMENT SYSTEMS

Second Year, IV Semester Examination

Time 2 Hours

Max. Marks : 40

PART - A

8 × 1 = 8

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

1. Define Schemas, instances.
2. Define Update operation.
3. List the benefits of SQL.
4. List ACID properties.
5. List 3 data types in SQL.
6. Write the syntax to create a table in SQL.
7. List the types of subprograms in PL/SQL.
8. Define cursor.

PART - B

4 × 3 = 12

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

9. (a) List different types of data models.
(or)
(b) List some operators in SQL.
10. (a) Describe relational database schema.
(or)
(b) List control statements in PL/SQL.
11. (a) List the types of schema objects.
(or)
(b) Write about managing indexes.
12. (a) Write about the features and benefits of PL/SQL.
(or)
(b) Write about sequential control GOTO and NULL statements in PL/SQL.

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

13. (a) List and explain Relation types.
(or)
(b) Implement DDL statements in SQL with examples.
14. (a) Implement different types of Normal Forms with examples.
(or)
(b) Develop PL/SQL program using recursive functions with an example.
15. (a) Implement the aggregate functions and string functions in SQL.
(or)
(b) Illustrate the creation of views from multiple tables with examples.
16. (a) Develop the concept of handling exceptions in PL/SQL with example program.
(or)
(b) Explain about numeric and date functions in PL/SQL with examples.