

Exam. Code : 303501

Subject Code : 4817

P.G. Diploma in Computer Application (PGDCA)

1st Semester

**DATABASE MANAGEMENT SYSTEM THROUGH
ORACLE-10g AND SYSTEM ANALYSIS AND DESIGN**

Paper-IV

Time Allowed—3 Hours]

[Maximum Marks—50

Note :— Attempt any **five** questions, selecting at least **one** question from each Section. All questions carry equal marks.

SECTION-A

1. Define DBMS. Explain the advantages of DBMS over file based management system.
2. Write short notes on :
 - (a) Architecture of Database system.
 - (b) Relational Data Integrity.

SECTION-B

3. What is system development life cycle ? Discuss the advantages of prototype model over waterfall model.
4. List various DDL commands. Discuss with examples.

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SECTION-C

5. Discuss in detail :
 - (a) Sub query.
 - (b) Tree walking.
6. Discuss the method for implementing join queries.

SECTION-D

7. What is a cursor ? Discuss Implicit and Explicit cursor with an example.
8. Write short notes on :
 - (a) Functions and packages.
 - (b) Database triggers.

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