



**DIT 13**

**Diploma in Information Technology Annual (DIT)  
Examination, August 2009  
DATABASE MANAGEMENT SYSTEM I & II**

Time : 3 Hours

Max. Marks : 90

***Instruction : Answer all questions in Part – A, any five in Part – B and any three in Part – C.***

**PART – A**

**(10×2+5×1=25)**

1. What is a Data base ?
2. What is a Report ?
3. Name the main functions of a DBMS.
4. What are Triggers ?
5. What is Privileges and Roles ?
6. What is the difference between Static and Dynamic files ?
7. What is a Form ?
8. What are Remote Procedure calls ?
9. What is a Program Global Area ?
10. What is Distributed Data base ?
11. Explain the following terms :
  - 1) DBA
  - 2) ODBC
  - 3) SADB
  - 4) DML
  - 5) DDL

**P.T.O.**



PART – B

(5×10=50)

1. Explain the ORACLE memory structures in detail.
2. Explain the features of Import and Export of files in DBMS.
3. What is record organization ? Explain the variable and fixed length record.
4. What is hashing ? Describe different hashing with suitable examples.
5. Narrate the ODBC and describe how it works.
6. Explain the steps required to create and design queries in MS-ACCESS.
7. What are the methods used to grant and cancel privileges in RDBMS ?
8. What is the difference between SQL and PL/SQL ? Programmers prefer PL/SQL to SQL – Give reasons.

PART – C

Write short notes on **any three** of the following :

(3×5=15)

1. Client/Server system
  2. Two tier Data base design
  3. Remote Procedure calls
  4. JDBC API Components
  5. Index Sequential File.
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