
Paper Second : 2014 Annual

DBMS and RDBMS

UNIT - 1

- (a) Define DBMS and discuss its various advantages.
- (b) Explain the weak and strong entities set using suitable example.
- (c) Write short notes on the following :
 - (i) Database Administrator (DBA)
 - (ii) E-R model

UNIT - 2

- (a) What do you understand by Decomposition ? Explain non-loss decomposition.
- (b) Explain 2NF, BCNF and 3NF with example.
- (c) Explain relational algebra and domain relational calculus.

UNIT - 3

- (a) What are DDL and DML ? Explain two commands of each language (DDL, DML) with syntax.
- (b) Write short notes on the following : (i) Trigger in PL/SQL (ii) Views
- (c) Write a program to check prime number using PL/SQL.

UNIT - 4

- (a) Write a program of VB to find smallest no. of two numbers using procedure.
- (b) Explain looping statement of VB with example.
- (c) Explain sequential and random access file.

UNIT - 5

- (a) Explain ADO control and compare it with DAO and RDO.
- (b) Describe data environment and data report.
- (c) Write short note on the following :
 - (i) Data Grid control
 - (ii) Crystal report.