
Paper Second : 2017 Annual Computer Software

UNIT - 1

- 1.(a) Explain the purpose of Database System. Also write area of applications of DBMS.
- (b) Draw an E-R diagram for library management system.
- (c) What are the role of Database Administrator ?

UNIT - 2

- 2.(a) What is relational algebra ? Explain any five relational algebra operations.
- (b) Explain functional dependencies along with suitable examples.
- (c) Write a short note on 3NF and BCNF.

UNIT - 3

- 3.(a) Write full syntax of CREATE TABLE command. Also write suitable example of this command.
- (b) Explain the security features of RDBMS. Also write some security parameters of RDBMS.
- (c) Write down different data types used in PL/SQL along with the block structure of PL/SQL.

UNIT - 4

- 4.(a) Explain IDE (Integrated Development Environment) of Visual Basic.
- (b) Explain MsgBox() and input box() in visual basic.
- (c) Write a short note on sequential and random access file in visual basic with example.

UNIT - 5

- 5.(a) Write a short note on Data Reports and Crystal Reports.
 - (b) Write a program to display the records of employee using ADO.
 - (c) What is Data Environment ? Write steps for creating Data Environment.
-
-