

ANNUAL EXAMINATION 2020

(Only for DC Regular students)

Centre No. 135
Class-B.Com.-II
Paper No- II

Centre Name- Disha College, Raipur (C.G.)
Subject- Relational Database Management System
Paper Name- Relational Database Management System

Time- 3 hrs.

M.M.-50

Note: Attempt any two questions from each unit. Each question carries equal marks (5).

UNIT-I

- Q.1 (a) Describe the architecture of database management system
(b) Write short notes on any two of the following
(i) Data model (ii) Entity set & Attributes (iii) Data Independence
(c) What is DBMS? Explain its advantages and disadvantages.

UNIT-II

- Q.2 (a) What is Relational Algebra? Explain basics relation algebra operation.
(b) What is normalization? Describe 2NF and BCNF in detail.
(c) Explain Pitfaalls in Relation Database design.

UNIT-III

- Q.3 (a) What is Decomposition? Explain good and bad decomposition.
(b) Explain types of functional dependencies.
(c) Give the examples of relational having more than one candidate key.

UNIT-IV

4. (a) Explain DDL and DML.
(b) What is Integrity Constraints? Explain its types.
(c) Write SQL Commands for the following:
(i) Creating table (ii) Insert (iii) Update (iv) Delete (v) Drop

UNIT-V

5. (a) What is PL/SQL ? Explain the block structure of PL/SQL.
(b) What is Trigger? Explain its types.
(c) Explain variable and constant PL/SQL.

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