

Roll No.

CD-2030

B. Com. (Part II) EXAMINATION, 2020

(Old Course)

COMPUTER APPLICATION

Paper Second

(Relational Database Management System)

Time : Three Hours

Maximum Marks : 50

Note : Attempt all the *five* questions. *One* question from each Unit is compulsory. All questions carry equal marks.

Unit—I

1. Explain the advantages of using DBMS. Also explain its characteristics.

Or

Explain the following :

- (i) Data Interdependence
- (ii) Strong and Weak entity type

Unit—II

2. What is the need of Normalization ? What are the statement of 1NF, 2NF and 3NF ?

[2]

Or

Explain Relational Algebra and Relational Calculus along with its operations.

Unit—III

3. Explain the following with example :
 - (i) Concept of Function Dependency
 - (ii) Set Operation

Or

Explain 4NF and 5NF with example. What is De-Normalization ?

Unit—IV

4. Explain Join operation and its type using examples.

Or

What are views ? Explain various operations on it.

Unit—V

5. Explain structure of PL SQL. Write example code for PL SQL.

Or

What do you mean by Managing role, Granting role and Privilege ? Explain commands for the same.

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200

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