KJ-1210

B.Com. (Part - II)
Term End Examination, 2020

COMPUTER SCIENCE

Paper - II

Relational Database Management System

Time : Three Hours] [*Maximum Marks* : 50

Note : Answer **all** questions. All questions carry equal marks.

Unit-I

1. Explain the architecture of DBMS with diagrams.

OR

Write short notes on the following :

(*a*) Generalization

(*b*) Strong and weak entities

(2)

Unit-II

2. Explain the structure of Relational Database.

OR

Explain 1NF, 2NF and 3NF and BCNF.

Unit-III

3. Explain De-normalization in detail.

OR

What is decomposition ? Explain different types of decomposition with examples.

Unit-IV

4. Explain different data types used in Oracle.

OR

Explain DDL statements in SQL.

Unit-V

5. What is a role ? Write and explain SQL statements to grant and revoke roles and privileges in Oracle.

OR

(3)

What is a trigger ? Explain different types of trigger.

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