ED-2030(S)

B.Com. (Part–II)
Suppl. EXAMINATION, 2021
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–1

1. What is the data dictionary ? Explain an architecture for a database system.   **10**

OR

Explain Entity Relationship Model in detail.

Unit–2

2. What is the normalization ? Explain 1 NF and 2 NF with suitable example.   **10**

OR

Write short notes on following :

(1) Relational algebra.

(2) Functional Dependencies.

Unit–3

3. Describe special relational operations in brief.   **10**

OR

Explain different types of normalization in brief.

Unit–4

4. Explain DDL Commands in brief.   **10**

OR

Write short nots on following :

(1) Group Function.

(2) SQL Function.

Unit–5

5. Explain block structure of PL/SQL.   **10**

OR

Explain variable and constant in PL/SQL with example.