

# ED–2030

## B. Com. (Part II) 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—I

1. Explain E-R diagram with example.

*Or*

Write short notes on the following :

- (i) Specialization
- (ii) Aggregation

#### Unit—II

2. Describe extended relational algebra operations.

*Or*

Explain 1NF and 2NF with example.

**Unit—III**

3. What is the Normalization ? Explain their types.

*Or*

Write short notes on the following :

- (i) Denormalization
- (ii) Good and bad decompositions

**Unit—IV**

4. Explain data manipulations language commands with example.

*Or*

What is the View ? Explain in detail.

**Unit—V**

5. What is the Triggers in PL/SQL ? Explain with example.

*Or*

Write short notes on the following :

- (i) Variable and Constant
- (ii) Exception Handling