

# DD-2030 (SE)

## B.Com (Part-II), EXAMINATION, 2020

COMPUTER APPLICATIONS

Paper Second

(Relational Database Management System)

*Time : Three Hours*

*Maximum Marks : 50*

**Note:** Attempt any two parts from each question. All question carry equal marks.

### Unit –I

1. (a) Explain any two commands of DDL, DML and DCA.

**Or**

- (b) Write short notes on following-

- i. ER- Diagram
- ii. Data Dictionary

### Unit- II

2. (a) What is functional Dependency? Explain types of functional dependency.

**Or**

- (b) Explain Security and Integrity security specification.

### Unit- III

3. (a) Explain Normalization and write they condition for 3NF and 4NF.

**Or**

- (b) What is Relational Algebra? Explain by giving example.

### Unit –IV

4. (a) Describe SQL and SQL\*PLUS.

**Or**

- (b) What is View? Write role of view in data drop and retrieve.

### Unit- V

5. (a) What are the security tools used for database security.

**Or**

- (b) Explain Exception handling in database using example.