**[21-BS 325]**
**AT THE END OF THIRD SEMESTER (CBCS PATTERN)**
**COMPUTER SCIENCE – III – DATA BASE MANAGEMENT SYSTEM**
**UG PROGRAM (4 YEARS HONORS)**
(*w.e.f. Admitted Batch 2020-21*)

**Time: 3 Hours**                                                                       **Maximum:75 Marks**

## Section-A

**Answer any FIVE Questions.**                                            **(5x5=25)**

1. Explain about objectives of DBMS?

2. What are the disadvantages of file based system?

3. Explain about Generalization?

4. Write a short note on multiple inheritance

5. What are the Data integrity constraints?

6. What is functional Dependency.

7. Explain Set operations in SQL.

8. Explain data types in PL/SQL.

## Section-B

**Answer All the Questions.**                                            **(5x10=50)**

9. a) What is DBMS? Explain the components of DBMS?

(Or)

b) Explain about classification of Database management system.

10. a) Explain the basic building blocks of an entity relationship diagram.

(Or)

b) What is meant by Relationship? Explain the types of relationships.

11. a) Write about different Normal forms with examples.

(Or)

b) Explain about EF Codd Rules.

12. a) Write about DML commands

(Or)

b) Discuss about Aggregate functions with examples.

13. a) Explain about the structure of PL/SQL Program?

(Or)

b) Explain about cursor concept in PL/SQL