THREE YEAR B.Sc./B.Sc. (Home Science) DEGREE EXAMINATION, APRIL - 2021
CHOICE BASED CREDIT SYSTEM
FIFTH SEMESTER
PART-I : COMPUTER SCIENCE
Paper II : DATABASE MANAGEMENT SYSTEMS
(w.e.f. 2017- 2018)

Time : 3 Hours   Max. Marks : 75

SECTION - A

Answer any Five of the following. All questions carry equal marks.   (5×5=25)

1.   Write a brief note on advantages of DBMS.

2.   Explain the components of Database Management System.

3.   Define the following.

    a)   Attribute   b) Multivalued Attribute   C) Derived Attribute

4.   What is attribute inheritance? Explain multiple inheritance.

5.   Write a brief note on relational integrity.

6.   Write a note on functional dependencies.

7.   Explain set operations with examples.

8.   Explain function VS procedure.

SECTION - B

Answer any **one** question from each unit. All questions carries equal marks.   (5×10=50)

UNIT - I

9.   Write a detailed note on data models.

(OR)

10.   Write a detailed note on DBMS Vendors and their products.

UNIT - II

11.   What is relationship degree? Explain the degrees of relationships with examples.

(OR)

12.   Explain the constraints on specialization and generalization.

UNIT - III

13. Explain advantages and limitations of relational algebra.

(OR)

14. What is Normalization? Explain 1NF, 2NF, 3NF and BCNF.

UNIT - IV

15. Explain different categories of functions with examples.

(OR)

16. Write short note on

    a) Sub queries

    b) Joins

UNIT - V

17. Explain different looping statements in PL/SQL with example.

(OR)

18. What is Database Trigger? Explain different types of Triggers.