

**D 120527**

(Pages : 2)

Name.....

Reg. No.....

**FOURTH SEMESTER (CBCSS—UG) DEGREE EXAMINATION  
APRIL 2025**

Computer Science/B.C.A.

BCA 4B 05/BCS 4B 05—DATABASE MANAGEMENT SYSTEM AND RDBMS

(2019—2023 Admissions)

Time : Two Hours

Maximum : 60 Marks

**Section A (Short Answer Type Questions)***Answer all questions.**Each correct answer carries a maximum of 2 marks.**Ceiling 20 marks.*

1. Define Interface.
2. What is an Entity ?
3. What is Attribute ?
4. What do you mean by schema ?
5. What is a Domain ?
6. What is Tuple ?
7. What is Second normal form ?
8. Define DDL.
9. What is the use of group by ?
10. What is a Join ?
11. What is a Trigger ?
12. State the purpose of using a cursor ?

**Turn over**

**Section B (Short Essay Type Questions)**

*Answer all questions.*

*Each correct answer carries a maximum of 5 marks.*

*Ceiling 30 marks.*

13. Brief the database concepts.
14. Differentiate between strong and weak entities.
15. What is Normalization ?
16. Explain the logical operators in SQL.
17. What are the types of cursors ?
18. What do you mean by table level lock ?
19. Explain the ways to create, modify, rename, and drop tables in SQL.

**Section C (Essay Type Questions)**

*Answer any one question, correct answer carries 10 marks.*

20. Explain the entity relationship model.
21. Explain the various control structures in SQL.

(1 × 10 = 10 marks)