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)