K23U 2485

Reg. No. : ....

Name : ....

V Semester B.A./B.A. Afsal-Ul-Ulama/B.Sc./B.Com./B.T.T.M./B.B.A./ B.B.A.-T.T.M./B.B.A.-A.H./B.C.A./B.S.W./B.M.M.C. Degree (C.B.C.S.S. – O.B.E. – Regular/Supplementary/Improvement) Examination, November 2023 (2019 – 2021 Admissions) Generic Elective Course 5D03BCA : DATABASE MANAGEMENT SYSTEM

Time : 2 Hours   Max. Marks : 20

SECTION – A

Answer **all** questions.   (6×1=6)

1. When all entities are not involved in a relationship, it is called _____ participation.

2. _____ describes an entity, such as the employee's name or salary.

3. DDL stands for _____

4. _____ command is used for permanently removing a table or database.

5. GRANT is an example for _____

6. The GROUP BY clause is followed by _____ clause to filter only the desired records after grouping.

SECTION – B

Answer **any four** questions.   (4×2=8)

7. What is a derived attribute ? Give an example.

8. What is hierarchical model in DBMS ?

9. What is the purpose of DELETE ? Give an example for DELETE statement in SQL.

10. Explain ALTER TABLE command for adding a column.

11. Explain nested queries in SQL with syntax and example.

12. Mention the aggregate functions in SQL and its purpose.

SECTION – C

Answer **any one** question.   (1×6=6)

13. Explain in detail, the relational algebra operations.

14. Explain the concept of primary key and foreign key with examples.