



K23U 2485

Reg. No. :

Name :

V Semester B.A./B.A. Afsal-UI-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 ?

P.T.O.

K23U 2485



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.

