



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 ?

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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.

