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 (CBCSS-OBE-Regular/Supplementary/Improvement) Examination, November 2024 (2019 to 2022 Admissions) Generic Elective Course

5D03BCA : DATABASE MANAGEMENT SYSTEM

Time : 2 Hours

Max. Marks : 20

SECTION – A

Answer **all** the questions.

(6×1=6)

1. In the _____ model, files are related in a parent-child manner.

2. _____ contains the specific information of each entry in the table.

3. The _____ operation is used to combine each row in one table with each row in the other table.

4. The _____ operation contains all tuples that are in R but not in S.

5. _____ function in SQL will give the current system's date and time.

6. A _____ is a query within another query.

SECTION – B

Answer **any four** questions.

(4×2=8)

7. What is meant by an ER data model ?

8. List out the properties of a relation.

9. What is relational algebra ?

10. What is meant by intersection operation in relational algebra ?

11. List the various relational operators in SQL.

12. How do the subqueries work ?

SECTION – C

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

13. Describe the tasks that can be performed by users in a DBMS.

14. Write a short note on SQL data types.

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