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D.K.M.COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1

SEMESTER EXAMINATIONS

APRIL - 2016

11CCS6A/CCA5B/CCS4A

DATA BASE MANAGEMENT SYSTEM

Time : 3 Hrs

Max.Marks : 75

SECTION-A (10 x 2 =20)

Answer ALL the questions.

1. What is Entity Set?
2. Define Super Key.
3. Define Relational Algebra.
4. What is Domain Relational Calculus?
5. Write down the basic structure of an SQL query Clauses.
6. Write the syntax of Union Operation.
7. Expand BCNF.
8. Define Second Normal form.
9. Define Oracle.
10. What are Triggers?

SECTION-B (5 x 5 =25)

Answer any FIVE of the following questions.

11. Explain in detail about purpose of Database.
12. What are keys? Explain it.
13. Write about the select operation with example.
14. Explain about the Domain Relational Calculus.
15. Explain about Aggregate Functions.
16. Write about Set Operations with example.
17. Explain in detail about BCNF.
18. Explain about SQL Build in functions.

SECTION-C (3 x 10 =30)

Answer ALL the questions.

19. (a) Explain in detail about Entity Sets.

(Or)

- (b) Briefly explain about the Relational Algebra.

20. (a) Briefly explain about the modification of the database.

(Or)

- (b) Describe Nested Sub Queries.

21. (a) Briefly explain about Third Normal form.

(Or)

- (b) Explain about PL/SQL Control Statements.

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