

D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1
SEMESTER EXAMINATIONS
NOVEMBER - 2016

15CCC3D

DATABASE MANAGEMENT SYSTEM

Time : 3 Hours

Max. Marks : 75

SECTION – A (10 x 2 = 20)

Answer ALL the questions.

1. What is DBMS?
2. Give the definition of Primary Key.
3. Define Weak Entity Set.
4. Give the use of Division Operation.
5. What is SQL?
6. What are the Aggregate Functions?
7. What is called as Normalization?
8. Define BCNF.
9. What is Referential Integrity?
10. Define Trigger.

SECTION – B (5 x 5 = 25)

Answer any FIVE of the following questions.

11. What are the components of ER diagram?
12. What is Data Abstraction?
13. Write short notes on Domain Relational Calculus.
14. Explain about Database Schema.
15. Explain any four DATE functions with examples.
16. Explain Set Operations with examples.
17. Explain the Concept of Functional Dependency with an example.
18. What is Exception Handling in Oracle? Explain.

SECTION – C (3 x 10 = 30)

Answer ALL the questions.

19. (a) Discuss the Overall Database System Structure with suitable diagram.
(Or)
(b) Explain the Fundamental Relational Algebra Operations with examples.
20. (a) What are the operations used for Modification of Database? Explain.
(Or)
(b) Describe First Normal Form and Second Normal Form with examples.
21. (a) Explain the various features of PL/SQL.
(Or)
(b) Explain the various DDL Commands in Oracle.