

Reg No:

--	--	--	--	--	--	--	--

**D.K.M.COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1**  
**SEMESTER EXAMINATIONS**  
**APRIL - 2017**  
**DATA BASE MANAGEMENT SYSTEMS**

**CIS6B**

\*\*\*\*\*

**Time : 3 Hrs**

**Max.Marks : 75**

**SECTION-A (10 x 2 =20)**

**Answer ALL the questions.**

1. Define DBMS.
2. Define Metadata.
3. Define Relational database.
4. What is Domain?
5. What are aggregate functions?
6. Define DDL.
7. Define Normalization.
8. Define BCNF.
9. Define Client/server model.
10. Define Distributed Database.

**SECTION-B (5 x 5 =25)**

**Answer any FIVE of the following questions.**

11. Write short notes on System Structure of database.
12. List any eight applications of DBMS.
13. Write notes on Mapping Constraints.
14. Write short notes on Relational Algebra.
15. Write short notes on Nested sub queries.
16. Write short notes on Fourth Normal Form.
17. Describe Relational Database Design.
18. Write notes on Distributed Database with Example.

**SECTION-C (3 x 10 =30)**

**Answer ALL the questions.**

19. (a) Explain the basic structure of an E- R diagram with suitable examples.  
(Or)  
(b) Explain the basic structure of Relational Models.
20. (a) What are the set operations of SQL? Explain.  
(Or)  
(b) Explain BCNF with example.
21. (a) Explain Pitfalls in Relational Database.  
(Or)  
(b) Explain different Types of Databases.

\* \* \* \* \*