STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI 600 086
(For candidates admitted during the academic year 2011– 12)

M.Sc. DEGREE EXAMINATION, NOVEMBER 2011
INFORMATION TECHNOLOGY
FIRST SEMESTER

COURSE   : CORE
PAPER   : DATABASE MANAGEMENT SYSTEMS
TIME   : 1½ HOURS   MAX. MARKS: 50

SECTION - A   (5 x 2 = 10 MARKS)

Answer ALL questions:

1. Define DBMS.

2. What are schemas?

3. Define an attribute.

4. What is primary key?

5. What are explicit cursors?

SECTION - B   (4 x 5 = 20 MARKS)

Answer any FOUR questions:

6. Explain data independence.

7. Discuss about ER models, with diagrams.

8. Define and explain Functional Dependency.

9. Discuss about the operator SELECT with examples.

10. Write briefly about Synonyms and Sequences.

11. Explain the types of triggers.

SECTION - C   (2 x 10 = 20 MARKS)

Answer any TWO questions:

12. Write in detail about the Relationship Types and Sets in Data Model.

13. Explain in detail normalization of relational database.

14. Explain error handling in PL/SQL.

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