STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI – 600 086
(For candidates admitted during the academic year 2007-08)

SUBJECT CODE : CS/PC/DB24

M. Sc. DEGREE EXAMINATION, APRIL 2009
INFORMATION TECHNOLOGY
SECOND SEMESTER

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

SECTION - A

Answer all the questions :   **5 x 2 = 10**

1.   List out the disadvantages of file processing system.

2.   Define data abstraction.

3.   List out DDL, DML commands.

4.   Define view and write the syntax for creating a view.

5.   Write the syntax for creating a cursor.

SECTION - B

Answer any four questions :   **4 x 5 = 20**

6.   Write short notes on

    a) Relational model

    b) Network model with examples.

7.   Discuss in detail about BCNF.

8.   Write about exceptions.

9.   Discuss in detail about joins

10.   Discuss about Inheritance in OO Model.

SECTION - C

Answer any two questions :   **2 x 10 = 20**

11.   Describe in detail about Domain, Entity and referential Integrity.

12.   Explain about triggers and its types.

13.   Draw and explain the relationships. Draw ER diagram corresponding to
        customers and loans.

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