LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.Sc. DEGREE EXAMINATION – **STATISTICS**

FIFTH SEMESTER – **APRIL 2016**

ST 5407 - SQL AND PL SQL

Date: 29-04-2016   Dept. No.   Max. : 100 Marks
Time: 01:00-04:00

SECTION - A

Answer ALL questions.   **(10 x 2 = 20 marks)**

1. Define Database
2. Define Data Isolation
3. Define redundancy.
4. Define Database Design
5. What is Strong entity set?
6. What is DML Compiler?
7. Define One to One relationship
8. What is DB2?
9. What is reference key?
10. How to create a View from table?

SECTION - B

Answer any **FIVE** questions   **(5 X 8 =40 Marks)**

11. Explain the Entity-Relationship Model with an example
12. Explain concepts of Database Administrator
13. Explain the Data Models with an example
14. Give an example of Database Design for Banking Enterprise
15. Distinguish between DML, DDL and DCL
16. What is SQL and explain their features?
17. Explain the terms primary key, foreign key and composite key with example.
18. Write a syntax and give an examples of Numeric function and Date function

SECTION C

Answer any TWO questions   **(2 X 20 =40 Marks)**

19. Explain Concept of Literals with examples
20. Explain the concept of Data definition Language and Data manipulation Language with an example
                                         (10+10)
21. Describe the following operations with an example
    a) Equi join   b) Inner join   c) Outer joind) Cartesian Product   (5+5+5+5)
22. a. Write a PLSQL program to find ODD or EVEN number.
    b. Write a PLSQL program to find Fibonacci series.

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