LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.Sc. DEGREE EXAMINATION - STATISTICS

FIFTH SEMESTER – NOVEMBER 2015

ST 5407 - SQL AND PL SQL

Date : 14/11/2015   Dept. No.   Max. : 100 Marks
Time : 09:00-12:00

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. Define Data inconsistency.
6. Define Physical data independence.
7. Give an example of Delimiters.
8. Write short note on Primary Key?
9. Define One to Many relationship.
10. Write a command to display table records in SQL.

SECTION - B

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

11. Give the Database System Applications.
12. Explain the Data Models with an example.
13. Elucidate the functions of database administrator.
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 purpose of Database Systems.

20. Explain the concept of Data definition Language and Data manipulation Language with an example.
                                                                        (10+10)

21. a. Explain the Concept of Joins with examples.
    b. Write syntax and give examples of Aggregate function.   (15+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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