



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.Sc.DEGREE EXAMINATION – STATISTICS

FIFTH SEMESTER – APRIL 2017

ST 5407- SQL AND PL SQL

Date: 03-05-2017
01:00-04:00

Dept. No.

Max. : 100 Marks

SECTION - A

Answer ALL questions.

(10 x 2 = 20 marks)

1. Write a short note on Database system
2. How to Minimizing Data redundancy?
3. Define Non – redundancy.
4. What is data dictionary?
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 Data definition Language with an example
14. What is a Database Design and explain with example.
15. Explain Data manipulation Language with an example
16. Write a PLSQL program to find ODD or EVEN number.
17. Write a PLSQL program to find Fibonacci series.
18. Write a syntax and give an examples of Aggregate function and String function

SECTION C

Answer any **TWO** questions

(2 X 20 =40 Marks)

19. a. Explain entity and referential integrity rule.

b. What are the advantages and disadvantages of relational model?(10+10)

20. Explain Concept of Literals with examples

21. a. Describe various types of user in DBMS

b. Illustrate the use of SUM(), VARIANCE(), Count(), MAX() in SQL. (10+10)

22. Describe the following operations with an example

a) Equi join b) Inner join c) Outer join d) Cartesian Product (5+5+5+5)

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