



**SECTION - B (25 Marks)**

Answer ALL questions

ALL questions carry EQUAL Marks (5 x 5 = 25)

- 11 a State the general uses of data retrieval system.  
OR  
b Explain the structure of relational database.
- 12 a Outline about on Boyce–Codd Normal Form with an example.  
OR  
b Clarify about the terms of Oracle types give an example.
- 13 a Write short notes on aggregate function used in SQL.  
OR  
b Demonstrate the pattern matching queries in SQL.
- 14 a How do you create a sequence in SQL give an example.  
OR  
b Compare the difference between grant and revoke in SQL.
- 15 a How to delete trigger in SQL give an example?  
OR  
b Difference between stored procedure and stored function.

**SECTION -C (40 Marks)**

Answer ALL questions

ALL questions carry EQUAL Marks (5 x 8 = 40)

- 16 a Summarize the view of data in a database system  
OR  
b Examine the following i) Relational Query Language ii) Relational Operators
- 17 a Outline the concept of Entity-Relationship Model  
OR  
b Illustrate about on data manipulation in database management system
- 18 a Determine the many faces of SQL statement with an example  
OR  
b Write an SQL program to find the factorial of a given number using function
- 19 a Explain in detailed about creating a report in SQL \* plus given a suitable example.  
OR  
b Illustrate the basic syntax of PL/SQL with an example
- 20 a Explain the various types of database trigger. How to create a trigger in PL/SQL give an example.  
OR  
b Demonstrate how to create stored procedure in PL/SQL and write the application of using stored procedure.

Z-Z-Z

END