SQL INTERVIEW QUESTIONS
Prepare all of them with examples & queries you have worked

1. What is the difference between RDBMS & DBMS?

2. What are fields in the Database?

3. What are Constraints?

4. Different Types of Constraints?

    a. Create all types of JOINS and check once

5. What are the different types of JOINS?

6. What are the subsets of SQL?

    The main significant subsets of SQL are:

    i. DDL(Data Definition Language)

    ii. DML(Data Manipulation Language)

    iii. DCL(Data Control Language)

    iv. TCL(Transaction Control Language)

7. What is Column Alias? How will you give Column Alias?

8. What is Self-Join?

9. Difference between DROP, DELETE, TRUNCATE?

10. How you will add a new row to the Table?

11. How to pass a DEFAULT value to a column?

12. What is DISTINCT & How will you use it?

13. If I have to modify the existing table data what command will you use? Write the syntax for the same.

14. If I have to add a new column to the table what command will you use? Write the syntax for the same.

15. How will you find the current DATE & TIME in SQL?

   a. SELECT GETDATE()

16. How will you split the date from the datetime column?

17. What is data integrity?

18. How will you implement integrity in your table?

19. How will you auto-increment the row value?

20. What is an Index?

21. What is the difference between Clustered and the Non-Clustered Index?

22. How will you get the TOP 10 records from a table?

   a. TOP work well if you have ordered the table either ascending or descending

   b. If we haven't ordered the records, then TOP will return only the total records mentioned in TOP

23. How will you get the first 5 characters from a given string column?

24. How will you work with Pattern match?

   a. LIKE Operator is used for Pattern matching conditions

   b. % & _ are used for extracting characters

      Explain & know how to use them

25. What is a View?

26. What is a Procedure?

27. Difference between Views & Procedures?

28. What are Functions in SQL?

29. Difference between Function & Procedure?

30. What are temporary tables?