MS SQL Interview Questions

1. What is RDMS?
2. What is query and subquery?
3. What are constraints? What are the most important SQL Constraints and how they are used?
4. What is the role of indexes? How can you create them?
5. What is difference between clustered and non-clustered index?
6. What is the difference between delete and truncate command?
7. What are some of the most important aggregate functions?
8. Procedure vs Functions - Types, Usages
9. What are different types of Stored Procedure?
10. Can DML be used in SQL functions?
11. What is trigger? Types and scenarios where we can use them.
12. What is the difference between HAVING and WHERE SQL clause?
13. What is the difference between COALSESE and ISNULL?
14. Joins and types of joins.
15. What are magic tables in SQL server?
16. What is the difference between UNION and UNION ALL?
17. What is the maximum count of rows that you've worked on?
18. How do you manage performance in database?
19. Do you run complex reporting queries while transaction processes?
20. What is difference between SQL Function and Stored Procedure?
21. Can we write triggers inside SQL Function or Stored Procedure?
22. Can we call function inside Stored Procedure?
23. If you create a local temp table and then call a proc, is the temp table available inside the proc?
24. Difference between Primary and Foreign keys in the table?
25. What is an identity column in SQL Server?
26. What is composite key? Primary key and composite key are same?
27. Difference in truncate and delete command.
28. Difference in char and varchar data type.
29. Why do we use identity?
30. If we have identity column like 1,2,3,4,5 and we deleted 3rd row then while inserting new row where will the new row will be inserted , will it be inserted in 3rd row or next row?
31. Do you know any loop in SQL?
32. What is the use of temporary tables in SQL?
33. Where is that temporary table is created in database.
34. Can we use try catch in SQL?
35. What are the drawbacks of using indexes in database?
36. What is the difference between CHECK and DEFAULT.