SQL Questions:

1. What is RDBMS?
2. What is a schema?
3. List the different types of relationships in SQL.
4. What are tables and Fields?
5. What is a primary key?
6. What is a unique key?
7. What is a foreign key?
8. What is the difference between CHAR and VARCHAR2 datatype in SQL?
9. What is a ‘constraint’?
10. Explain the constraints available in SQL?
11. What is the main reason to add constraints to a table?
12. What is the difference between primary key and unique constraints?
13. What is an index?
14. What is Auto Increment?
15. What is the purpose of aggregate functions?
16. Explain the aggregate functions available in SQL
17. What are the scalar functions in SQL? Give an example?
18. Explain the scalar functions available in SQL
19. What is the SELECT statement?
20. What is CLAUSE?
21. What are some common clauses used with SELECT query in SQL?
22. Which SQL clause is used to restrict the rows returned by a query?
23. Which clause should you use to exclude group results?
24. Explain how GroupBy is used in query?
25. How “Having” clause will work?
26. What is the relationship between Having & GroupBy clause
27. Explain how OrderBy is used in query?
28. Which operator is used in query for pattern matching? Explaing with examples
29. What is the difference between BETWEEN and IN operators in SQL?
30. Are NULL values same as blank space?
31. What is a join?
32. What is Inner Join?
33. How “Outer Join” works?
34. What is Full Join?
35. What is Self-Join? In what situation you will use Self Join?
36. What is a Natural Join?
37. What is subquery?
38. What are the types of subquery?
39. What are similarities between Subqueries & Joins?
40. What are differences between Subqueries & Joins?
41. What is the difference between DELETE and TRUNCATE commands?
42. What is the difference between TRUNCATE and DROP statements?
43. What are Entities and Relationships?
44. What is data Integrity?
45. What is de-normalization, and when do you go for it?
46. What is a Stored Procedure?