

Sample Interview Questions: SQL

- 1) What does SQL stand for?
- 2) What is the difference between oracle, sql and sql server?
- 3) What operator performs Pattern matching?
- 4) What is the difference between TRUNCATE and DELETE commands?
- 5) What are the advantages and disadvantages of primary key and foreign key in SQL?
- 6) Explain normalization with examples.
- 7) Which date function is used to find the difference between two dates?
- 8) Which of the following is not a group function a) avg() b) sqrt() c) sum() d) max()
- 9) What effect does omitting the WHERE clause from a DELETE statement have?
- 10) You query the database with this command

```
SELECT name  
FROM employee  
WHERE name LIKE '_a%';
```

Which names are displayed?

- 11) What is sql? What is the difference between sql and pl/sql?
- 12) Difference between Store Procedure and Trigger
- 13) What is cluster, cluster index and non cluster index?
- 14) What is the difference between Co-related sub query and nested sub query?
- 15) What is the advantage to use trigger in your PL?
- 16) Why you need indexing? Where that is stored and what you mean by schema object? For what purpose we are using view?
- 17) What the difference between UNION and UNION ALL?
- 18) What is a join? Explain the different types of Join
- 19) How to get the first day of the week, last day of the week and last day of the month using T-SQL date functions?

Sample Interview Questions: SQL

- 20) What are some SQL aggregates and other built-in functions?
- 21) What is meant by embedded SQL?
- 22) How do you eliminate duplicate values in SELECT?
- 23) How do you retrieve the first 5 characters of FIRSTNAME column of table EMP?
- 24) In the WHERE clause what is BETWEEN and IN?
- 25) What is 'LIKE' used for in WHERE clause? What are the wildcard characters?
- 26) What do you accomplish by GROUP BY ... HAVING clause?
- 27) What are the DDL statements in SQL?
- 28) Which system table contains information on constraints on all the tables created? obtained?
- 29) What is an integrity constraint?
- 30) Suppose I have five SQL SELECT statements connected by UNION/UNION ALL, how many times should I specify UNION to eliminate the duplicate rows?
- 31) How would you find out the total number of rows in a table?
- 32) What is difference between varchar and varchar2?
- 33) What is a view?
- 34) What is Difference between Function and Stored Procedure?
- 35) What is Data Warehousing?
- 36) What are the different index configurations a table can have?
- 37) What are the authentication modes in SQL Server? How can it be changed?
- 38) What are synonyms?