

SQL Interview Questions and Answers Pdf

Question: 1

When do you use SQL Profiler?

SQL Profiler utility allows us to basically track connections to the SQL Server and also determine activities such as which SQL Scripts are running, failed jobs etc.

Question: 2

What is a Join in SQL Server?

Join actually puts data from two or more tables into a single result set.

Question: 3

What are the types of indexes available with SQL Server?

There are basically two types of indexes that we use with the SQL Server.

Clustered and

The Non-Clustered.

Question: 4

What is an Index?

When queries are run against a db, an index on that db basically helps in the way the data is sorted to process the query for faster and data retrievals are much faster when we have an index.

Question: 5

What is a stored procedure?

It is nothing but a set of T-SQL statements combined to perform a single task of several tasks.

It is basically like a Macro so when you invoke the Stored procedure, you actually run a set of statements.

Question: 6

Which TCP/IP port does SQL Server run on?

SQL Server runs on port 1433 but we can also change it for better security.

Question: 7

What do you mean by COLLATION?

Collation is basically the sort order. There are three types of sort order Dictionary case sensitive, Dictionary – case insensitive and binary.

Question: 8

Can you explain the role of each service?

SQL SERVER – is for running the databases

SQL AGENT – is for automation such as Jobs, DB Maintenance, Backups

DTC-Is for linking and connecting to other SQL Servers.

Question: 9

What are cursors?

Well cursors help us to do an operation on a set of data that we retrieve by commands such as Select columns from table.

For example: if we have duplicate records in a table we can remove it by declaring a cursor which would check the records during retrieval one by one and remove rows which have duplicate values.

Question: 10

What are the three types of session state modes?

Inproc-session kept as live object in the web server(aspnet_wp.exe)

State server-session serialized and stored in memory in a separate process (aspnet_state.exe), we can use for web form architecture.

SQL Server-Session serialized and stored in SQL server.