

## SQL Server Interview Questions

- Q1) What are the different types of backup
- Q2) What is the difference between a Full and Full – Copy the only backup
- Q3) Which are the available recovery models?
- Q4) What does ACID stand for?
- Q5) Which are the different isolation levels
- Q6) What happens when you Update STATISTICS ?
- Q7) Which trace flags should be turned On to write more information about the deadlock to the log
- Q8) How to run on Trace flag, provide an example
- Q9) Which events should you choose in profiler to capture Deadlock ?
- Q10) What is termed as a deadlock victim
- Q11) Which are the system databases?
- Q12) Where is the backup history and SQL agent job history saved?
- Q13) What is the use of Resource database?
- Q14) What is the purpose of Model database?
- Q15) Provide some examples of catalog views
- Q16) List at least three server level roles
- Q17) List at least three fixed database roles
- Q18) Which statement can be used to grant permission to a user or role
- Q19) Which statement is used to remove a previously granted permission
- Q20) Which are some of the new features of SQL Server 2016
- Q21) Does Log shipping provide for Automatic failover?
- Q22) Give one difference between Log shipping and replication
- Q23) Which are the different modes of configuring Mirroring
- Q24) Is it compulsory to have Witness instance in database Mirroring



- Q25) Does the database need to be in Full recovery mode for Mirroring to be configured?
- Q26) Which are the different types of SQL server Cluster setup
- Q27) List SQL Server services that are cluster aware
- Q28) What is a table without a clustered index called?
- Q29) How many clustered indexes can we have on a table
- Q30) Which dynamic management function can we use to get the fragmentation level of an index
- Q31) When do we generally Rebuild and Re-organise index ?
- Q32) List some of commonly used DBCC statements
- Q33) What is the default port number for SQL Server instance, if it has not been changed during installation
- Q34) What are Ghost Records
- Q35) When a database is created , what is the minimum number of files that it will have?
- Q37) What is the difference between a Login and a User in SQL Server
- Q38) What is an Orphan user
- Q39) What is the minimum level of permission required for a login to be able to change the password of another login?
- Q40) List the SQL server startup parameters
- Q41) List at least three major wait events:
- Q42) How can you send email notification on completion of SQL server agent jobs
- Q43) How to check if SQL Instance is configured to use Database Mail XPs ?
- Q44) List the available editions for SQL Server 2016/17
- Q45) Transparent data encryption (TDE) is a new feature in SQL Server that is available with which all editions?
- Q46) What is the limitation of Developer Edition?
- Q47) List some of the new features of SQL Server 2017
- Q48) Starting with which version, can we install SQL Server on Linux
- Q49) Which are the jobs that are created while setting up log shipping
- Q50) What is the difference between MySQL Server and MS SQL Server?

- Q51) What is the model database server intended for?
- Q52) How do you find a SQL Server looking for traffic hitting?
- Q53) What types of replication are supported in SQL Server?
- Q54) Utility of SQL Agent.
- Q55) Utility of checkpoints.
- Q56) Explain about DBCC.
- Q57) How do you control the amount of free space on your index pages?
- Q58) Why would you call Update Statistics?
- Q59) What is a correlated sub-query in SQL?
- Q60) Authentication modes supported by SQL Server.
- Q62) How many SQL Server published Versions you worked on till date?
- Q63) How many Indexes available in SQL Server?
- Q64) Dissimilarities between Clustered and Non-Clustered Index.
- Q65) What are the extra added features in SQL Server 2005 than SQL Server 2000?
- Q66) What are the high-availability solutions of SQL Server and what distinguishes them briefly.
- Q67) How do you troubleshoot a SQL Server Agent Job?
- Q68) What is the default Port no for SQL Server listening?
- Q69) What number files will an information contains in the SQL Server? How many types of data forms exist on SQL Server? How many of these files can exist for a single database?
- Q70) Fullform of DCL.
- Q71) Commands used in DCL.
- Q72) Describe about Fill Factor.
- Q73) Value of default fill factor.
- Q74) Where do you find the default index fill element and how to change it?
- Q75) What is a system database and what is a user database?
- Q76) Available recovery models for a database?
- Q77) Importance of a recovery model in SQL server.



- Q78) Describe about Replication and its advantages.
- Q79) Types of Replication and their uses.
- Q80) Types of Replication components and their use.
- Q81) What are the different topologies where replication can be configured?
- Q82) If you were given access to an SQL server, how would you discover if the SQL instance is a named instance or a default instance?
- Q83) What are the various authentication methods on SQL Server and how can you change authentication mode?
- Q84) What are the differences between the clustering of SQL Server 2005 and 2008 or 2008 R2?
- Q85) Describe Active-Passive and Active-Active clustering setup.
- Q86) List the number of SQL Server failover cluster you want to set up.
- Q88) At the time of transmission data across network does Transparent Data Encryption provide encryption?
- Q89) What is the difference between the High-Safety and Superior operating modes of Database Mirroring
- Q90) what's the distinction between dropping info and taking an info offline?
- Q91) Which auto growth database setting is better?
- Q92) SQL server 2008 introduced different types of data compression what are they?
- Q93) How many types of Upgradation can be performed in SQL Server?
- Q94) On a Windows Server 2003 Active – Passive failover cluster, how do you find the node which is active?
- Q95) Procedure of opening a Cluster Administrator.
- Q96) The SQL Server on a failover cluster needs to be brought down. What is the procedure?
- Q97) What are the various ways in which you can create databases on SQL Server?
- Q98) What are operating modes maintained by Database Mirroring?
- Q99) Once the transcript is set, is it possible to own a publisher as a distributor or subscriber, as a twenty-four bit SQL server and thirty-bit bit SQL server?