1. **By default, how many types of data files are stored in Sql server?**

Ans: MSSQL stores two types of data files in our system which are known as .mdf and .ldf files

1. **What are system databases?**

Ans: By default, we have four system databases namely, master, model, tempdb, msdb and resource database

1. **How many types of commands are available in SQL Server?**

Ans: We have 5 types of commands namely DDL, DML, DCL, TCL and DQL

1. **What is the difference between DDL and DML commands?**

Ans: DDL is data definition language, using DDL we can create, alter, truncate and drop commands. DDL is basically used to create the structure (schema) of the table where as DML is data manipulation language, using DML we can insert, update, delete and merge the data. DML is used to manipulate the table records.

1. **What are data types available in SQL Server?**

Ans: Some of the most commonly used data types are bit, int, tinyint, smallint, bigint, decimal, float, money, smallmoney, real char, varchar, nvarchar, text, ntext, binary, varbinary, date, time, datetime, timestamp and so on..

1. **What is the difference between char vs varchar?**

Ans: char is fixed length and varchar is variable length

1. **What are constraints and where they are used?**

Ans: Constraints are used to specify rules for the data in a table and will be defined in column level. Some of the commonly used constraints are ‘NOT NULL’, ‘UNIQUE’ , ‘PRIMARY KEY’, ‘FOREGIN KEY’, ‘CHECK’, ‘DEFAULT’, and ‘CREATE INDEX’

1. **What is the difference between unique key and primary key?**

Ans: Unique key ensure all values are different and where as primary uniquely identifies each row of the table

1. **How to switch database operation using CUI?**

Ans: USE DATABASENAME

1. **What are the steps to backup and restore process in SQL?**

Ans: To make it simple, we can use command to execute the process

USE MASTER  
BACKUP DATABASE DATABASENAME TO DISK = 'FILEPATH';  
RESTORE DATABASE DATABASENAME FROM DISK = ‘FILEPATH’;