1. What is a result set?

Ans: It is the output of a query

1. What is the difference between Union and Union All?

Ans: Union All allows duplicate value while Union don’t

1. What are the other Set Operators SQL Server has?

Ans: intersect and except

1. What is the difference between Union and Join?

Ans: Union is used to combine rows while join is used to combine column

1. What is the difference between INNER JOIN and FULL JOIN?

Ans: Inner join will eliminate non-matching rows in both tables while full join will include these non-matching rows and set them to null

1. What is difference between left join and outer join

Left join is a kind of outer join

1. What is cross join?

It is used to generate a paired combination of each row of the first table with each rows of the second table

1. What is the difference between WHERE clause and HAVING clause?

You cant use aggerate function in where. And you can use aggerate function in having. Where is used for individual rows while having is used for a group of rows

1. Can there be multiple group by columns?

Yes. You can group by column1, column2