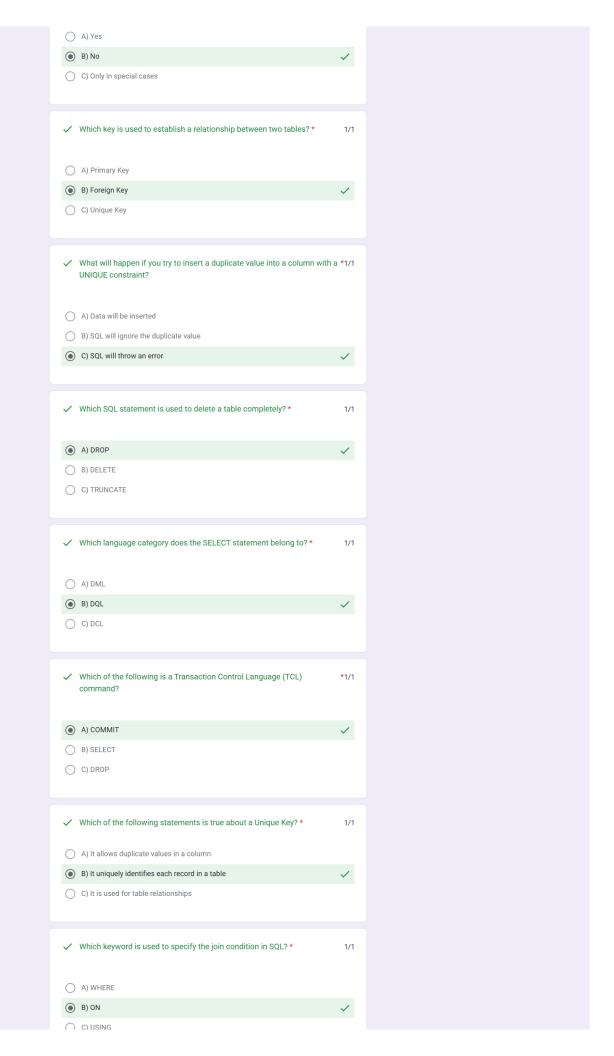# 1.MySQL (Week 10.1) - Set - 1

Total points **15/15**

Email *

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✓ What is the primary purpose of a primary key in SQL? *   1/1

◯ A) Ensure data redundancy

◉ B) Uniquely identify each record ✓

◯ C) Establish a connection between tables

✓ What happens when there is no match in a FULL JOIN? *   1/1

◉ A) It returns NULL for unmatched columns ✓

◯ B) It throws an error

◯ C) It returns only the matched rows

✓ What is the primary function of the ROLLBACK command? *   1/1

◯ A) Save the changes made by a transaction

◉ B) Undo the changes made by a transaction ✓

◯ C) Delete the table structure

✓ Which type of join returns all records from the right table and matching records from the left table?   *1/1

◯ A) INNER JOIN

◉ B) RIGHT JOIN ✓

◯ C) FULL JOIN

✓ Which SQL join returns all records from both tables, with NULLs for unmatched records?   *1/1

◯ A) INNER JOIN

◉ B) FULL JOIN ✓

◯ C) LEFT JOIN

✓ Which SQL command is used to update records in a table? *   1/1

◉ A) UPDATE ✓

◯ B) MODIFY

◯ C) ALTER

✓ Can a table have multiple primary keys? *   1/1

○ A) Yes

◉ B) No ✓

○ C) Only in special cases

✓ Which key is used to establish a relationship between two tables? *   1/1

○ A) Primary Key

◉ B) Foreign Key ✓

○ C) Unique Key

✓ What will happen if you try to insert a duplicate value into a column with a * 1/1
UNIQUE constraint?

○ A) Data will be inserted

○ B) SQL will ignore the duplicate value

◉ C) SQL will throw an error ✓

✓ Which SQL statement is used to delete a table completely? *   1/1

◉ A) DROP ✓

○ B) DELETE

○ C) TRUNCATE

✓ Which language category does the SELECT statement belong to? *   1/1

○ A) DML

◉ B) DQL ✓

○ C) DCL

✓ Which of the following is a Transaction Control Language (TCL) * 1/1
command?

◉ A) COMMIT ✓

○ B) SELECT

○ C) DROP

✓ Which of the following statements is true about a Unique Key? *   1/1

○ A) It allows duplicate values in a column

◉ B) It uniquely identifies each record in a table ✓

○ C) It is used for table relationships

✓ Which keyword is used to specify the join condition in SQL? *   1/1

○ A) WHERE

◉ B) ON ✓

○ C) USING

○ C) JOINS

✓ In which join are all records from the left table and matching records from *1/1
the right table returned?

○ A) RIGHT JOIN

○ B) FULL JOIN

● C) LEFT JOIN   ✓

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