

2.MySQL (Week 10.1) - Set - 2

Total points 13/15

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✓ Which join returns only the matching records from both tables? * 1/1

- ☒ A) INNER JOIN ✓
- ☐ B) LEFT JOIN
- ☐ C) RIGHT JOIN

✓ Which constraint is used to prevent duplicate values in a column? * 1/1

- ☐ A) Primary Key
- ☐ B) Foreign Key
- ☒ C) Unique Key ✓

✓ Which statement is classified as a DCL (Data Control Language) command? *1/1

- ☒ A) GRANT ✓
- ☐ B) SELECT
- ☐ C) UPDATE

✗ Which command is used to permanently save all the changes made during a transaction? *0/1

- ☒ A) SAVEPOINT ✗
- ☐ B) COMMIT
- ☐ C) ROLLBACK

Correct answer

- ☒ B) COMMIT

✓ Which SQL clause is used to filter records based on specific conditions? * 1/1

- ☒ A) WHERE ✓
- ☐ B) GROUP BY
- ☐ C) HAVING

✓ Which DML command is used to remove data from a table without deleting the table structure? *1/1

- ☒ A) DELETE ✓
- ☐ B) DROP
- ☐ C) TRUNCATE

✓ Which SQL statement can create a Primary Key constraint? * 1/1

- ☒ A) CREATE TABLE ✓
- ☐ B) INSERT INTO
- ☐ C) DROP TABLE

✓ If a table has no matching records in another table, which join will still return records from the first table? *1/1

- ☐ A) RIGHT JOIN
- ☒ B) LEFT JOIN ✓
- ☐ C) INNER JOIN

✓ In SQL, what is the result of a CROSS JOIN? * 1/1

☐ A) Returns only matching records

☒ B) Returns the Cartesian product of both tables ✓

☐ C) Returns NULL for unmatched records

✓ In SQL, a Foreign Key is used to: * 1/1

☐ A) Delete duplicate records

☒ B) Establish a relationship between tables ✓

☐ C) Create indexes

✓ Which SQL join combines all records from both tables, even if there are no matches? *1/1

☐ A) CROSS JOIN

☒ B) FULL OUTER JOIN ✓

☐ C) INNER JOIN

✗ Can a Foreign Key contain NULL values? * 0/1

☐ A) Yes

☒ B) No ✗

☐ C) Only if explicitly defined

Correct answer

☒ A) Yes

✓ Which SQL statement is used to retrieve data from a database? * 1/1

☒ A) SELECT ✓

☐ B) INSERT

☐ C) CREATE

✓ What is a key characteristic of a Primary Key? * 1/1

☐ A) Allows NULL values

☒ B) Ensures unique identification of records ✓

☐ C) Used only for temporary tables

✓ When using an SQL join, which operator is used to specify the relationship between the columns? *1/1

☒ A) ON ✓

☐ B) IN

☐ C) LIKE