

# DE SQL Part4 Quiz

Monday, 27 February 2023

12:22

Question

**10/10**

The “SET” clause is mandatory when writing a merge.

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☐ True

☒ False

Question

**09/10**

Scalar subqueries will fail if its outer query returns no rows.

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☐ True

☒ False

Question

**08/10**

If EMP is the left side table and DEPT is the right side table, then RIGHT OUTER JOIN returns which rows?

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- ☐ All the employees from EMP table, irrespective of their departments in DEPT table
  - ☒ All the Departments in DEPT table, irrespective of if employees in EMP table working in that department or not working
  - ☐ All the employees in EMP table who have a valid department existing in DEPT table
  - ☐ All the employees in EMP table and all the departments in DEPT table, matched and unmatched

Question

**07/10**

How many rows will be retrieved if EMP having 1000 rows is CROSS JOINED to DEPT table having 200 rows?

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- ☐ 1000
  - ☐ 200
  - ☐ 1200
  - ☒ 200000

Question

**06/10**

Which are true about the cross join? (Select 2)

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- ☒ It may be a consequence of a poorly coded inner join
- ☐ They have no usefulness
- ☒ They can be written “implicitly” or “explicitly”
- ☐ The database will return an error to prevent it from accidentally happening

*Question*

**05/10**

Subqueries may be scalar or non-scalar.

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- ☒ True
- ☐ False

Which are applicable for an outer query? (Select 2)

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- ☒ It can project columns from the inner table
- ☒ It can project NULLs from the outer table
- ☒ It may use an ORDER BY

Select

ct 3 is correct!!!

☐

It cannot reference DISTINCT

Question

03/10

The “ON” condition of a merge must reference the UPI or NUPI of the table.

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☒

True

☐

False

Question

02/10

Which are true for scalar subquery? (Select 2)

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☒

Scalar subquery returns only a single value from a single row

☐

It can return multiple values but only from a single row

☐

It can return multiple values from multiple rows

☒

It can be either correlated or noncorrelated

Question

01/10

During a MERGE process, rows that could not be inserted or updated to target table, can be logged into an error table.

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☒ True

☐ False