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Iniciada Sábado, 11 de Dezembro de 2021 às 16:46

Estado Terminada

Terminada Sábado, 11 de Dezembro de 2021 às 17:00

Tempo gasto 14 minutos 5 segundos

Pergunta 1

Incorreta

Nota: 1,00

The statement

DELETE FROM employee;

will:

Selecione uma opção:

- ☐ A. Remove the table employee from the database
- ☐ B. Remove all invalid employees
- ☒ C. Nothing. This statement is wrong.
- ☐ D. Remove all records from the table employee



A sua resposta está incorreta.

Resposta correta: Remove all records from the table employee

Pergunta 2

Correta

Nota: 1,00

Which of the following statements are true about SQL **UPDATE** statements?

Selecione uma opção:

- ☐ A. The **HAVING** clause must also be used when updating multiple specific records
- ☐ B. An **UPDATE** statement can only update one column
- ☒ C. An **UPDATE** statement can only update one table
- ☐ D. All statements are true



A sua resposta está correta.

Resposta correta: An **UPDATE** statement can only update one table

Pergunta 3

Correta

Nota: 1,00

In order to complete the query that returns the *name* and *department* of all *employees* with *salaries* between 500 and 2500, the correct **WHERE** clause will be:

SELECT name, dept
FROM employee
WHERE <where-clause>

Selecione uma opção:

- ☐ A. **WHERE** category **LIKE** (500 **AND** 2500)
- ☐ B. **WHERE** salary **IN** 500 **AND** 2500
- ☐ C. **WHERE** salary **IN** (500 **AND** 2500)
- ☒ D. **WHERE** salary **BETWEEN** 500 **AND** 2500



A sua resposta está correta.

Resposta correta: **WHERE** salary **BETWEEN** 500 **AND** 2500

Pergunta 4

Correta

Nota: 1,00

Given a table **employee**[name | dept | salary], the result of the following query

```
SELECT name
FROM employee
WHERE salary IS NULL
```

will be:

Selecione uma opção:

- ☐ A. Nothing. This query is wrong.
- ☐ B. Empty result
- ☐ C. The name of each employee
- ☒ D. The name of each employee whose salary was not given (salary with NULL value)



A sua resposta está correta.

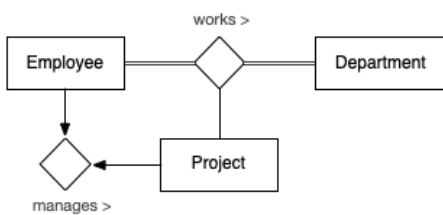
Resposta correta: The name of each employee whose salary was not given (salary with NULL value)

Pergunta 5

Correta

Nota: 1,00

Regarding the following diagram, the only **true sentence** is that:



Selecione uma opção:

- ☐ A. Employees may work with (or without) a project (i.e., working in a project is optional)
- ☐ B. This diagram is wrong.
- ☐ C. Employees manage some (at least one) project; and every project is managed by (at least one) manager
- ☒ D. Departments must have workers



A sua resposta está correta.

Resposta correta: Departments must have workers

Pergunta 6

Correta

Nota: 1,00

The following query

```
SELECT name
FROM animals
WHERE species LIKE '%dog%';
```

returns exactly:

Selecione uma opção:

- ☐ A. The name of all animals whose species resemble dogs
- ☐ B. The name of all animals whose species does not contain 'dog'
- ☒ C. The name of all animals whose species contains 'dog'
- ☐ D. The name of all animals of the species 'dog'



A sua resposta está correta.

Resposta correta: The name of all animals whose species contains 'dog'

Pergunta 7

Correta

Nota: 1,00

Which of the following commands will add the column 'quantity' to the table 'product_order'?

Selecione uma opção:

- ☒ a. **ALTER TABLE** product_order **ADD** quantity **INTEGER**;
- ☐ b. **ALTER TABLE** product_order **DROP** quantity **INTEGER**;
- ☐ c. **MODIFY TABLE** product_order **ADD** quantity **INTEGER**;
- ☐ d. **ALTER TABLE** product_order **CREATE** quantity **VARCHAR(10)**;



Resposta correta: **ALTER TABLE** product_order **ADD** quantity **INTEGER**;

Pergunta 8

Correta

Nota: 1,00

The main purpose of a **FOREIGN KEY** constraint is:

Selecione uma opção:

- ☒ A. Limit data in a column (or columns) to values contained in another table.
- ☐ B. Limit the number of records to that of another table
- ☐ C. Ensure that records in the table are uniquely identified
- ☐ D. Ensure that a record (or records) can never be deleted



Resposta correta: Limit data in a column (or columns) to values contained in another table.

Pergunta 9

Correta

Nota: 1,00

With respect to the following diagram,



which sentence is **true**?

Selecione uma opção:

- ☐ A. Each department may be managed by at least one employee.
- ☐ B. Each department must be managed by at least one employee.
- ☒ C. Each employee may manage at most one department.
- ☐ D. Each employee must manage exactly one department.



A sua resposta está correta.

Resposta correta: Each employee may manage at most one department.

Pergunta 10

Incorreta

Nota: 1,00

Given the tables:

department[did | name | workcity]

employee[name | category | dept]

where every 'employee.dept' **REFERENCES** 'department.did'

Which of the following queries does not return the list of all employees of category 'M'?

Selecione uma opção:

☐ A.

```
SELECT e.name, d.workcity
FROM employee e NATURAL JOIN department d
WHERE category = 'M'
```

☒ B.

```
SELECT e.name, d.workcity
FROM employee e, department d
WHERE d.did = e.dept AND category = 'M'
```

✗

☐ C.

```
SELECT e.name, d.workcity
FROM employee e LEFT JOIN department d
ON d.did = e.dept
WHERE category = 'M'
```

☐ D.

```
SELECT e.name, d.workcity
FROM employee e INNER JOIN department d
ON d.did = e.dept
WHERE category = 'M'
```

A sua resposta está incorreta.

The NATURAL JOIN operation requires the tables to have at least one attribute in common. All the remaining operations are legal JOIN operations.

Respostas corretas:

```
SELECT e.name, d.workcity
FROM employee e INNER JOIN department d
ON d.did = e.dept
WHERE category = 'M',
SELECT e.name, d.workcity
FROM employee e NATURAL JOIN department d
WHERE category = 'M'
```

◀ Fórum - BD Avaliações

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Teste Tipo - TE2 Session Demo ▶