DBT Test

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* Indicates required question

Untitled Section

The attributes of a relationship are called as _____ attributes   1 point

○ Relational

○ Conjunctive

◉ Descriptive

○ None of the mentioned

Clear selection

Data return using output parameter is _____   1 point

○ Return codes, which are always an integer value

○ A global cursor that can be referenced outside the stored procedure

◉ A single cursor that can be referenced inside the stored procedure

○ None of the mentioned

Clear selection

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1 point

```
SELECT branch_name, COUNT (DISTINCT customer_name)
FROM depositor, account
WHERE depositor.account_number = account.account_number
        GROUP BY branch_id
        HAVING avg(balance) = 10000;
```

○ The having clause checks whether the query result is true or not

○ The having clause does not check for any condition

◉ The having clause allows only those tuples that have average balance 10000

○ None of the mentioned

Clear selection

The join operations that do not retain mismatched tuples are called as   1 point
_____ operations

◉ outer join

○ natural join

○ full outer join

○ inner join

Clear selection

The _____ clause is used to list the attributes desired in the result of a   1 point
query.

○ Where

◉ Select

○ From

○ Distinct

Clear selection

What is the difference between a join and an outer join operation?   1 point

○ There is no difference

◉ Join preserves a few tuples that are otherwise lost in the outer join

○ Outer join preserves a few tuples that are otherwise lost in the join

○ An outer join can be used only on outer queries whereas a join operation can be used in Subqueries

Clear selection

---

1 point

Employee_id Name Salary

1001   Annie 6000
1009   Ross 4500
1018   Zeith 7000

This is Employee table.
Which of the following employee_id will be displayed for the given query?

```
SELECT * FROM employee WHERE employee_id>1009;
```

○ 1009, 1001, 1018

○ 1009, 1018

○ 1001

◉ 1018

Clear selection

Which of the following statements contains an error?   1 point

○ Option 1 Select * from emp where empid = 10003;

○ b) Select empid from emp where empid = 10006;

○ c) Select empid from emp;

◉ d) Select empid where empid = 1009 and lastname = 'GELLER';

Clear selection

SELECT name ____ instructor name, course id FROM instructor, teaches   1 point
WHERE instructor.ID= teaches.ID; Which keyword must be used here to
rename the field name?

○ from

○ Rename

◉ As

○ Join

Clear selection

SELECT name FROM instructor WHERE dept name = 'Physics' ORDER BY   1 point
name; By default, the order by clause lists items in _____ order.

○ Descending

○ Any

○ Same

◉ Ascending

Clear selection

If we want to retain all duplicates, we must write _____ in place of union.   1 point

◉ Union all

○ Union some

○ Intersect all

○ Intersect some

. _____ clause is an additional filter that is applied to the result.   1 point

- ○ Select
- ○ Group-by
- ● Having
- ○ Order by

SELECT name FROM instructor WHERE salary IS NOT NULL; it will give -----   1 point

- ○ Tuples with null value
- ● Tuples with no null values
- ○ Tuples with any salary
- ○ All of the mentioned

. Aggregate functions are functions that take a _____ as input and return a single value.   1 point

- ● Collection of values
- ○ Single value
- ○ Aggregate value
- ○ Both Collection of values & Single value

Which of the following is true about sub-queries? *   1 point

- ○ They execute after the main query executes
- ○ They execute in parallel to the main query
- ○ The user can execute the main query and then, if wanted, execute the sub-query
- ● They execute before the main query executes.

Some database columns can be used to create ___. *   1 point

- ● Indices
- ○ files
- ○ indexes
- ○ records

Which of the following is true about the result of a sub-query? *   1 point

- ○ The result of a sub-query is generally ignored when executed.
- ○ The result of a sub-query doesn't give a result, it is just helpful in speeding up the main query execution
- ● The result of a sub-query is used by the main query.
- ○ The result of a sub-query is always NULL

Which of the following clause is mandatorily used in a sub-query? *   1 point

- ● SELECT
- ○ WHERE
- ○ ORDER BY
- ○ GROUP BY

Which statement is used to get all data from the student table whose name * 1 point
starts with p?

○ SELECT * FROM student WHERE name LIKE '%p%';

⦿ SELECT * FROM student WHERE name LIKE 'p%';

○ SELECT * FROM student WHERE name LIKE '_p%';

○ SELECT * FROM student WHERE name LIKE '%p';

Which of the following are the DATETIME data types that can be used in * 1 point
column definitions?

○ TIMESTAMP

○ INTERVAL MONTH TO DAY

○ INTERVAL YEAR TO MONTH

⦿ TIMESTAMP WITH DATABASE TIMEZONE

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