Module 4 Quiz

TOTAL POINTS 10

1. Which of the following are supported in SQL when dealing with strings? (Select all that apply)   `1 point`

   - ☑ Upper
   - ☑ Lower
   - ☑ Trim
   - ☑ Concatenate
   - ☑ Substring

2. What will the result of the following statement be?   `1 point`

```
1   SELECT SUBSTR('You are beautiful.', 3)
```

   - ○ u are beautiful.
   - ○ You are beautiful.
   - ○ beautiful.
   - ⦿ This will return an error

3. What are the results of the following query?   `1 point`

```
1   select * orders
2   where order_date = '2017-07-15'
3
```

   Additional information:
   - Orders = integer
   - Order_date = datetime

   - ○ You will get all the orders with an order date of 2017-07-15.
   - ○ You will get all of the orders.
   - ⦿ You won't get any results.

4. Case statements can only be used for which of the following statements (select all that apply)?   `1 point`

   - ☑ Select
   - ☑ Update
   - ☑ Insert
   - ☑ Delete

5. Which of the following is FALSE regarding views?   `1 point`

   - ○ Views are stored in a query
   - ○ Views can be used to encapsulate queries
   - ⦿ Views will remain after the database connection has ended

6. You are only allowed to have one condition in a case statement. True or false?   `1 point`

   - ○ True
   - ⦿ False

7. Select the correct SQL syntax for creating a view.   `1 point`

   - ○
```
1   CREATE VIEW
2   customers AS
3   SELECT *
4   FROM customers
5   WHERE Name LIKE '%I'
6
```

   - ⦿
```
1   INSERT VIEW customers AS
2   Select *
3   FROM customers
4   WHERE Name LIKE '%I'
5
```

   - ○
```
1   CREATE VIEW AS
```

```
2   SELECT *
3   FROM customers
4   WHERE Name LIKE '%I'
5
```

8. Profiling data is helpful for which of the following? (Select all that apply)   1 point

☑ Filter out unwanted data elements

☐ Joining tables together

☑ Understanding your data

9. What is the most important step before beginning to write queries?   1 point

◉ Understanding your data

◯ Deciding what tables you want to join

◯ Deciding what should be done on the client application vs the RDMS

10. When debugging a query, what should you always remember to do first?   1 point

◯ Start by examining the joins

◯ Make sure you didn't miss any commas.

◯ Start simple and break it down first

◉ Start with the inner most query

[Upgrade to submit]