**LearnKey**

# *Study Guide* for MTA Database Administrator Fundamentals Session 2

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**This Adaptive Study Guide represents all questions that were answered incorrectly. The test question title, steps (if applicable) and references have been included to assist you in your study.**

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## Ranges

The BETWEEN operator is a _____.

Choices:

**A -**      range

**B -**      result

**C -**      shortcut

**D -**      message

**References:**
Filtering Data using Lists Setting a Range of Values

## Searching

If a user is searching for companies with Bike in the name, what is the correct format to enter the search query?

Choices:

**A -**      %Bike%

**B -**      % Bike %

**C -**      %bike names%

**D -**      %search bikes%

**References:**
Filtering Data using Pattern Matching Percent (%) Wildcards

## Scalar Definition

Which is the definition of the scalar function type?

Choices:

**A -**      Returns an object used like a table

**B -**      Returns a ranking value for each row

**C -**      Operates on and returns a single value

**D -**      Operates on a collection, but returns a single value

**References:**
Selecting Data using Functions Aggregate Function Types

## Column Name Requirement

The column name does not have to be in the column list.

A - True
B - False

**References:**
Sorting Data Sorting Data with ORDER BY

## Removing Information

Click the Exhibit button. Choose the section of code which will list the results by ListPrice, in descending order.

Choices:
**A -**        Option A

**B -**        Option B

**C -**        Option C

**D -**        Option D

**References:**
Sorting Data Using ORDER BY

## Names and IDs

Click the correct portion of missing code to replace the SubcategoryID with the Subcategory name.

Steps:
**Step 1:**     Click INNER JOIN dbo.tSubcategory

**Step 2:**     Click tProduct.SubcategoryID = tSubcategory.SubcategoryID

**References:**
Joining Data INNER JOIN Example

## UNION Compatibility

Which requirements must be met in order for queries to be UNION-compatible? Choose all that apply.

Choices:
**A -**        Same row titles

**B -**        Same column order

**C -**        Rows must be unique

**D -**        Same number of columns

**E -**        Columns must be the same data type

**References:**
Combining and Limiting Result Sets UNIONs

## Statement Recognition

Click the Exhibit button. Which option indicates the INTERSECT in the statement?

Choices:
**A -**        Option A

**B -**        Option B

**C -**        Option C

**D -**        Option D

**References:**
Combining and Limiting Result Sets INTERSECT and EXCEPT Example