

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.

Strings

Spaces in a character string do not matter.

- A - True
- B - False

References:

Filtering Data using Pattern Matching Percent (%) Wildcards

NULL Specifics

If a user would like to find products whose color is NULL, NULL must be in quotation marks.

- A - True
- B - False

References:

Filtering Data with NULLs NULL Handling

Function Types

Which are types of functions in SQL Server? Choose all that apply.

Choices:

- A -** Scalar
- B -** Ranking
- C -** Stacking
- D -** Aggregate
- E -** Rowset
- F -** User-defined

References:

Selecting Data using Functions Aggregate Function Types

Order Options

Which are options by which clauses can be ordered? Choose all that apply.

Choices:

- A -** Expressions
- B -** Column names
- C -** Column number

D - Computed values

References:

Sorting Data Sorting Data with ORDER BY

Column ORDER BY

Columns must be from the row list when using ORDER BY and DISTINCT.

A - True

B - False

References:

Working with Duplicates Eliminating Duplicates

Selecting Information

Which methods can be used to select information with or without duplicates? Choose all that apply.

Choices:

A - SELECT

B - CHOOSE

C - DISTINCT

D - SELECT DISTINCT

References:

Working with Duplicates Eliminating Duplicates

CROSS JOIN Function

What is the primary function of a CROSS JOIN?

Choices:

A - To display the common values from two tables

B - To delete any repeated values between two tables

C - To display all possible combinations of values from two tables

D - To display all single values which do not match values in another table

References:

OUTER and CROSS JOINS CROSS JOIN Example

Defining UNIONS

What is the function of UNION?

Choices:

A - Combines result sets

B - Extracts data by using JOINS

C - Divides a single query into multiple result sets

D - Combines multiple queries into a single result set

References:

Combining and Limiting Result Sets UNIONS

Using TOPN

Which clause is used in conjunction with TOPN to produce a specific number of rows according to specified criteria, such as list price?

Choices:

- A -** MAXN
- B -** HIGHEST
- C -** ORDER BY
- D -** ARRANGE

References:

Combining and Limiting Result Sets Limiting Rows using TOPN

PERCENT Commands

Where is a PERCENT command located in a SELECT statement?

Choices:

- A -** Before GO
- B -** After the last SELECT statement
- C -** After the SELECT TOP command
- D -** Before the ORDER BY command

References:

Combining and Limiting Result Sets Limiting Rows using TOPN

INTERSECT Review

Which command is used by the INTERSECT function?

Choices:

- A -** QUERY
- B -** SELECT
- C -** DISTINCT
- D -** EXTRACT

References:

Combining and Limiting Result Sets INTERSECT Defined