

Study Guide for MTA Database Administrator Fundamentals Session 3

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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.

Updating Rows

Users can only update rows in a single table at a time in a single UPDATE statement.

- A - True
- B - False

References:

Updating and Deleting Data Updating Multiple Rows and Columns

Deleting Rows

If users want to delete rows based on other tables, which function should they use in SQL 2003 standard?

Choices:

- A - Subquery
- B - Open codes
- C - INSERT clause
- D - WHERE clause

References:

Updating and Deleting Data Deleting Data

Views Benefits

Which are benefits of using a view? Choose all that apply.

Choices:

- A - Built-in encryption
- B - Provide aggregation
- C - Simplify permissions
- D - Virtually rename columns
- E - Hide complex database design
- F - Network upload accessibility controls
- G - Limit access to certain columns/rows

References:

Working with Views View Defined

Nested Views

What is the maximum number of levels a standard view may be nested?

Choices:

- A -** 16
- B -** 32
- C -** 48
- D -** 64

References:

Working with Views Standard Views

Creating Views with Graphical Interface

Which process allows a user to create views using the graphical interface in SQL Server Management Studio?

Choices:

- A -** From the View menu, open the View Wizard
- B -** Right-click the Results pane and select Customize
- C -** In Object Explorer, right-click Views and select New View
- D -** Execute the CALL sp_visualStudio command then select Create from the View menu

References:

Working with Views Creating Views Graphically

Stored Procedure

Which are stored procedure types? Choose all that apply.

Choices:

- A -** CLR
- B -** Pair
- C -** MCS
- D -** Local
- E -** System
- F -** Remote
- G -** Internal

References:

Stored Procedures and Functions Stored Procedures Defined

Best Practice Documentation

Which items should be included in the documentation process of creating stored procedures? Choose all that apply.

Choices:

- A -** Describe intentions
- B -** Describe stored procedures
- C -** Record encryption methods
- D -** Record input parameters and result sets

References:

Stored Procedures and Functions SP Parameters and Best Practices

Functions and Parameters

Output parameters are supported by functions.

- A - True
- B - False

References:

Stored Procedures and Functions Function Parameters

Scalar Function Uses

In which situations may a scalar function be used? Choose all that apply.

Choices:

- A - CASE statements
- B - Check constraints
- C - RETURN statements
- D - Computed columns
- E - Default value in CREATE TABLE

References:

Stored Procedures and Functions Calling Scalar Functions

First Normal Form Rules

Which are rules of the first normal form? Choose all that apply.

Choices:

- A - Attribute values are atomic
- B - Eliminate repeating groups
- C - Rows and attributes may be unordered
- D - Primary keys are not assigned to each entry

References:

First Normal Form First Normal Form Rules

Primary Key Requirements

Which are requirements of using a primary key? Choose all that apply.

Choices:

- A - All values are unique
- B - Do not use natural keys
- C - Integers that are commonly used
- D - PKs may be one or more columns
- E - Every row must have a value that is NOT NULL

References:

First Normal Form Primary Keys Defined

Fourth Normal Form

Which options are possible determinants of all multi-valued dependencies in fourth normal form? Choose all that apply.

Choices:

- A -** Primary key
- B -** Candidate key
- C -** Dependent key
- D -** Superset of candidate key

References:

Fourth and Fifth Normal Forms Fourth Normal Form Example