

## 70-433

TS: Microsoft SQL Server 2008, Database  
Development

DEMO

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Note: The answer is for reference only, you need to understand all question.

## Exam A

### QUESTION 1

You need to create a stored procedure that accepts a table-valued parameter named @Customers. Which code segment should you use?

- A. CREATE PROCEDURE AddCustomers (@Customers varchar(max))
- B. CREATE PROCEDURE AddCustomers (@Customers Customer READONLY)
- C. CREATE PROCEDURE AddCustomers (@Customers CustomerType OUTPUT)
- D. CREATE PROCEDURE ADDCUSTOMERS  
(@Customers varchar (max)) AS EXTERNAL NAME Customer.Add.NewCustomer

Answer: B

### QUESTION 2

You are writing a batch that contains multiple UPDATE statements to modify existing products. You have placed these updates into one explicit transaction. You need to set an option at the beginning of the transaction to roll back all changes if any of the updates in the transaction fail. Which option should you enable?

- A. ARITHABORT
- B. XACT\_ABORT
- C. IMPLICIT\_TRANSACTIONS
- D. REMOTE\_PROC\_TRANSACTIONS

Answer: B

### QUESTION 3

You have a column named TelephoneNumber that stores numbers as varchar(20). You need to write a query that returns the first three characters of a telephone number. Which expression should you use?

- A. LEFT(TelephoneNumber, 3)
- B. SUBSTRING(TelephoneNumber, 3, 3)
- C. SUBSTRING (TelephoneNumber, 3, 1)
- D. CHARINDEX('[0-9][0-9][0-9]', TelephoneNumber, 3)

Answer: A

#### QUESTION 4

You have an application that is used by international clients. All clients connect by using Windows Authentication.

You need to ensure that system and user-defined error messages are displayed in the localized language for the clients. What should you do? (Each correct answer represents part of the solution. Choose two.)

- A. Use @@LANGUAGE function
- B. Use default language for each login
- C. Use @lang parameter of sp\_addmessage
- D. Use the "set language" option of sp\_configure

**Answer:** BC

#### QUESTION 5

You have implemented change tracking on a table named Sales.SalesOrder.

You need to determine all columns that have changed since the minimum valid version.

Which function should you use?

- A. CHANGE\_TRACKING\_CURRENT\_VERSION
- B. CHANGE\_TRACKING\_IS\_COLUMN\_IN\_MASK
- C. CHANGETABLE with the CHANGES argument
- D. CHANGETABLE with the VERSION argument

**Answer:** C

#### QUESTION 6

You need to build CREATE INDEX statements for all the missing indexes that SQL Server has identified.

Which dynamic management view should you use?

- A. sys.dm\_db\_index\_usage\_stats
- B. sys.dm\_db\_missing\_index\_details
- C. sys.dm\_db\_missing\_index\_columns
- D. sys.dm\_db\_missing\_index\_group\_stats

**Answer:** B

#### QUESTION 7

You administer a SQL Server 2008 database that contains a table name `dbo.Sales`, which contains the following table definition:

```
CREATE TABLE [dbo].[Sales](
[SalesID] [int] IDENTITY(1,1) NOT NULL PRIMARY KEY CLUSTERED,
[OrderDate] [datetime] NOT NULL,
[CustomerID] [int] NOT NULL,
[SalesPersonID] [int] NULL,
[CommentDate] [date] NULL);
```

This table contains millions of orders. You run the following query to determine when sales persons comment in the `dbo.Sales` table:

```
SELECT SalesID, CustomerID, SalesPersonID, CommentDate FROM dbo.Sales
WHERE CommentDate IS NOT NULL AND SalesPersonID IS NOT NULL;
```

You discover that this query runs slow. After examining the data, you find only 1% of rows have comment dates and the `SalesPersonID` is null on 10% of the rows. You need to create an index to optimize the query. The index must conserve disk space while optimizing your query. Which index should you create?

- A. CREATE NONCLUSTERED INDEX `idx1`  
ON `dbo.Sales` (`CustomerID`)  
INCLUDE (`CommentDate`, `SalesPersonID`);
- B. CREATE NONCLUSTERED INDEX `idx1`  
ON `dbo.Sales` (`SalesPersonID`)  
INCLUDE (`CommentDate`, `CustomerID`);
- C. CREATE NONCLUSTERED INDEX `idx1`  
ON `dbo.Sales` (`CustomerID`)  
INCLUDE(`CommentDate`)  
WHERE `SalesPersonID` IS NOT NULL;
- D. CREATE NONCLUSTERED INDEX `idx1`  
ON `dbo.Sales` (`CommentDate`, `SalesPersonID`)  
INCLUDE(`CustomerID`)  
WHERE `CommentDate` IS NOT NULL;

**Answer:** D

## QUESTION 8

Your company manufactures and distributes bicycle parts. You have a full-text catalog on the `Inventory` table which contains the `PartName` and `Description` columns. You also use a full-text thesaurus to expand common bicycle terms. You need to write a full-text query that will not only match the exact word in the search, but also the meaning.