

## [2016-Jun-NEW Microsoft Exam 70-461 Preparation Guides from Braindump2go[NQ21-NQ30]

2016 June Microsoft Official: 70-461 Exam Questions New Updated Today! 100% Exam Pass Promised by Braindump2go.com!

NEW QUESTION 21 - NEW QUESTION 30: QUESTION 21 You develop a database for a travel application. You need to design tables and other database objects. You need to store media files in several tables. Each media file is less than 1 MB in size. The media files will require fast access and will be retrieved frequently. What should you do? A. Use the CAST function. B. Use the DATE data type. C. Use the FORMAT function. D. Use an appropriate collation. E. Use a user-defined table type. F. Use the VARBINARY data type. G. Use the DATETIME data type. H. Use the DATETIME2 data type. I. Use the DATETIMEOFFSET data type. J. Use the TODATETIMEOFFSET function. Answer: F Explanation:

<http://msdn.microsoft.com/en-us/library/ms188362.aspx> QUESTION 22 You develop a database for a travel application. You need to design tables and other database objects. You create a view that displays the dates and times of the airline schedules on a report. You need to display dates and times in several international formats. What should you do? A. Use the CAST function. B. Use the DATE data type. C. Use the FORMAT function. D. Use an appropriate collation. E. Use a user-defined table type. F. Use the VARBINARY data type. G. Use the DATETIME data type. H. Use the DATETIME2 data type. I. Use the DATETIMEOFFSET data type. J. Use the TODATETIMEOFFSET function. Answer: C Explanation:

<http://msdn.microsoft.com/en-us/library/hh213505.aspx> QUESTION 23 You are a database developer of a Microsoft SQL Server 2012 database. You are designing a table that will store Customer data from different sources. The table will include a column that contains the CustomerID from the source system and a column that contains the SourceID. A sample of this data is as shown in the following table. You need to ensure that the table has no duplicate CustomerID within a SourceID. You also need to ensure that the data in the table is in the order of SourceID and then CustomerID. Which Transact-SQL statement should you use?

SourceID	CustomerID
1	234
2	4402
3	866

A. CREATE TABLE Customer (SourceID int NOT NULL IDENTITY, CustomerID int NOT NULL IDENTITY, CustomerName varchar(255) NOT NULL); B. CREATE TABLE Customer (SourceID int NOT NULL, CustomerID int NOT NULL PRIMARY KEY CLUSTERED, CustomerName varchar(255) NOT NULL); C. CREATE TABLE Customer (SourceID int NOT NULL PRIMARY KEY CLUSTERED, CustomerID int NOT NULL UNIQUE, CustomerName varchar(255) NOT NULL); D. CREATE TABLE Customer (SourceID int NOT NULL, CustomerID int NOT NULL, CustomerName varchar(255) NOT NULL, CONSTRAINT PK\_Customer PRIMARY KEY CLUSTERED (SourceID, CustomerID)); Answer: D QUESTION 24 You develop a Microsoft SQL Server 2012 database that contains tables named Employee and Person. The tables have the following definitions:

```
CREATE TABLE Employee ([PersonID] INT NOT NULL, [EmployeeNumber] INT NOT NULL, CONSTRAINT PK_Employee PRIMARY KEY CLUSTERED ([PersonID], [EmployeeNumber]) ON (PRIMARY)) GO  
CREATE TABLE Person ([Id] INT NOT NULL, [FirstName] VARCHAR(50) NOT NULL, [LastName] VARCHAR(50) NOT NULL, CONSTRAINT PK_Person PRIMARY KEY CLUSTERED ([Id] ASC) ON (PRIMARY)) ON (PRIMARY) GO
```

You create a view named VwEmployee as shown in the following Transact-SQL statement.

```
CREATE VIEW [dbo].[VwEmployee]  
AS  
SELECT  
Employee.EmployeeNumber,  
Person.FirstName,  
Person.LastName,  
Person.Id  
FROM Employee  
INNER JOIN Person  
ON Employee.PersonId = Person.Id  
GO
```

Users are able to use single INSERT statements or INSERT...SELECT statements into this view. You neYou need to create an audit record only when either the RetailPriceto insert records into both Employee and Person tables by using the VwEmployee view.

Which Transact-SQL statement should you use?

```

A. CREATE TRIGGER TrgVwEmployee
ON VwEmployee
FOR INSERT
AS
BEGIN
INSERT INTO Person (ID, FirstName, LastName)
SELECT ID, FirstName, LastName FROM inserted
INSERT INTO Employee (PersonID, EmployeeNumber)
SELECT ID, EmployeeNumber FROM inserted
END

B. CREATE TRIGGER TrgVwEmployee
ON VwEmployee
INSTEAD OF INSERT
AS
BEGIN
INSERT INTO Person (ID, FirstName, LastName)
SELECT ID, FirstName, LastName FROM inserted
INSERT INTO Employee (PersonID, EmployeeNumber)
SELECT ID, EmployeeNumber FROM inserted
END

C. CREATE TRIGGER TrgVwEmployee
ON VwEmployee
FOR INSERT
AS
DECLARE @ID INT, @FirstName NVARCHAR(25), @LastName NVARCHAR(25), @PersonID INT, @EmployeeNumber NVARCHAR(15)
SELECT @ID = ID, @FirstName = FirstName, @LastName = LastName, @EmployeeNumber = EmployeeNumber
FROM inserted
INSERT INTO Person (ID, FirstName, LastName)
VALUES (@ID, @FirstName, @LastName)
INSERT INTO Employee (PersonID, EmployeeNumber)
VALUES (@PersonID, @EmployeeNumber)
END

D. CREATE TRIGGER TrgVwEmployee
ON VwEmployee
INSTEAD OF INSERT
AS
BEGIN
INSERT INTO Person (ID, FirstName, LastName)
SELECT ID, FirstName, LastName FROM VwEmployee
INSERT INTO Employee (PersonID, EmployeeNumber)
SELECT ID, EmployeeNumber FROM VwEmployee
END
    
```

A. Option AB. Option BC. Option CD. Option D Answer: B QUESTION 25 You develop a Microsoft SQL Server 2012 database that contains a table named Products. The Products table has the following definition: You need to create an audit record only when either the RetailPrice or WholeSalePrice column is updated. Which Transact-SQL query should you use?

```

CREATE TABLE [dbo].[Product] (
[ProductID] [bigint] NOT NULL,
[RetailPrice] [nvarchar(50)] NOT NULL,
[WholeSalePrice] [nvarchar(50)] NOT NULL,
[Name] [nvarchar(50)] NOT NULL,
CONSTRAINT [PK_Product] PRIMARY KEY ([ProductID] ASC)
) ON [PRIMARY]
    
```

- A. CREATE TRIGGER TrgPriceChange ON Products FOR UPDATE AS IF COLUMNS\_CHANGED(RetailPrice, WholesalePrice) - - Create Audit Records
- B. CREATE TRIGGER TrgPriceChange ON Products FOR UPDATE AS IF EXISTS(SELECT RetailPrice from inserted) OR EXISTS (SELECT WholeSalePnce FROM inserted) - - Create Audit Records
- C. CREATE TRIGGER TrgPriceChange ON Products FOR UPDATE AS IF COLUMNS\_UPDATED(RetailPrice, WholesalePrice) - - Create Audit Records
- D. CREATE TRIGGER TrgPriceChange ON Products FOR UPDATE AS IF UPDATE(RetailPrice) OR UPDATE(WholeSalePrice) - - Create Audit Records

Answer: D Explanation: <http://msdn.microsoft.com/en-us/library/bb510663.aspx>

QUESTION 26 You have three tables that contain data for vendors, customers, and agents. You create a view that is used to look up telephone numbers for these companies. The view has the following definition: You need to ensure that users can update only the phone numbers by using this view. What should you do?

```

Create view apt.vwCompanyPhoneNumbers
(Source, CompanyID, CompanyName, LastName, FirstName, BusinessName, Phone)
as
SELECT 'Customer' as Source,
CustomerID,
CustomerNumber,
CustomerLastName,
CustomerFirstName,
CustomerBusinessName,
Phone
FROM apt.Customer
UNION ALL
SELECT 'Agent' as Source,
AgentID,
AgentNumber,
AgentLastName,
AgentFirstName,
AgentBusinessName,
Phone
FROM apt.Agent
UNION ALL
SELECT 'Vendor' as Source,
VendorID,
VendorNumber,
VendorLastName,
VendorFirstName,
VendorBusinessName,
Phone
FROM apt.Vendor
GO
    
```

A. Alter the view. Use the EXPAND VIEWS query hint along with each SELECT statement. B. Drop the view. Re-create the view by using the SCHEMABINDING clause, and then create an index on the view. C. Create an AFTER UPDATE trigger on the view. D. Create an INSTEAD OF UPDATE trigger on the view. Answer: D Explanation:

<http://msdn.microsoft.com/en-us/library/ms187956.aspx> QUESTION 27 A table named Profits stores the total profit made each year within a territory. The Profits table has columns named Territory, Year, and Profit. You need to create a report that displays the profits made by each territory for each year and its previous year. Which Transact-SQL query should you use? A. SELECT Territory, Year, Profit, LEAD(Profit, 1, 0) OVER (PARTITION BY Territory ORDER BY Year) AS PrevProfit FROM Profits B. SELECT Territory, Year, Profit, LAG(Profit, 1, 0) OVER (PARTITION BY Year ORDER BY Territory) AS PrevProfit FROM Profits C. SELECT Territory, Year, Profit, LAG(Profit, 1, 0) OVER (PARTITION BY Territory ORDER BY Year) AS PrevProfit FROM Profits D. SELECT Territory, Year, Profit, LEAD(Profit, 1, 0) OVER (PARTITION BY Year ORDER BY Territory) AS PrevProfit FROM Profits Answer: C Explanation: <http://msdn.microsoft.com/en-us/library/hh231256.aspx>

<http://msdn.microsoft.com/en-us/library/hh213125.aspx> QUESTION 28 You use Microsoft SQL Server 2012 database to develop a shopping cart application. You need to rotate the unique values of the ProductName field of a table-valued expression into multiple columns in the output. Which Transact-SQL operator should you use? A. CROSS JOIN B. CROSS APPLY C. PIVOT D. UNPIVOT Answer: C Explanation: <http://technet.microsoft.com/en-us/library/ms177634.aspx> QUESTION 29 You administer a Microsoft SQL Server database that supports a shopping application. You need to retrieve a list of customers who live in territories that do not have a sales person. Which Transact-SQL query or queries should you use? (Each correct answer presents a complete solution. Choose all that apply.) A. SELECT CustomerID FROM Customer WHERE TerritoryID <> SOME(SELECT TerritoryID FROM Salesperson) B. SELECT CustomerID FROM Customer WHERE TerritoryID <> ALL(SELECT TerritoryID FROM Salesperson) C. SELECT CustomerID FROM Customer WHERE TerritoryID <> ANY(SELECT TerritoryID FROM Salesperson) D. SELECT CustomerID FROM Customer WHERE TerritoryID NOT IN(SELECT TerritoryID FROM Salesperson) Answer: BD QUESTION 30 You support a database structure shown in the exhibit. (Click the Exhibit button.)



You need to write a query that displays the following details:- Total sales made by sales people, year, city, and country - Sub totals only at the city level and country level - A grand total of the sales amount Which Transact-SQL query should you use?



A. Option AB. Option BC. Option CD. Option D Answer: C Explanation: The question about BlogEntry is wrong. We need to "append" the text, with the query proposal in the answer, we overwrite the whole string. The correct answer to this question is C. <http://www.grapefruitmoon.net/diving-into-t-sql-grouping-sets/http://msdn.microsoft.com/en-us/library/ms177673.aspx> 2016 Valid

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