



70-561

(TS: Microsoft .NET Framework 3.5, ADO.NET Application Development)

Document version: 9.30.06

Important Note, Please Read Carefully

techeXams' 70-561 Exam is a comprehensive compilation of questions and answers that have been developed by our team of certified professionals. In order to prepare for the actual exam, all you need is to study the content of this exam questions. An average of approximately 10 to 15 hours should be spent to study these exam questions and you will surely pass your exam. It's our guarantee.

Latest Version

We are constantly reviewing our products. New material is added and old material is revised. Free updates are available for 90 days after the purchase. You should check your member zone at techeXams and update 3-4 days before the scheduled exam date. Here is the procedure to get the latest version:

1. Go to <http://www.techeXams.ws/>
2. Log in the User Center
3. The latest versions of all purchased products are downloadable from here. Just click the links.

Feedback

If you find any possible improvement, then please do let us know. We are always interested in improving the quality of this product. Feedback can be send at: **customer.service@techeXams.ws**

Explanations

This product does not include explanations for all questions at the moment. If you are interested in providing explanations for this exam, please contact **customer.service@techeXams.ws**.

Copyright

techeXams holds the copyright of this material. techeXams grants you a limited license to view and study this material, either for personal or commercial use. Unauthorized reproduction or distribution of this material, or any portion thereof, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.

Disclaimer

Neither this guide nor any material in this guide is sponsored, endorsed or affiliated with any of the respective vendor. All trademarks are properties of their respective owners.

Question: 1

You have just graduated from college, now you are serving the internship as the software developer in an international company. You have some experience developing Web, Windows, or distributed applications by using the Microsoft .NET Framework. Now according to the company requirement, you use the Microsoft .NET Framework 3.5 and Microsoft ADO.NET to create an application. There's a Microsoft SQL Server 2005 database in the company network. The application reads data from the Microsoft SQL Server 2005 database. You generate a storage schema definition for a stored procedure from the database by writing the following code fragment.

```
<Function Name="GetSuppliersForCountry" Aggregate="false" BuiltIn="false"
NiladicFunction="false" IsComposable="false"
ParameterTypeSemantics="AllowImplicitConversion" Schema="dbo"> <Parameter
Name="country" Type="char" Mode="In" /> </Function>
```

The application uses two namespaces respectively named `ContosoModel.Store` and `ContosoModel`. The `ContosoModel.Store` namespace contains the storage schema. The `ContosoModel` namespace contains the conceptual schema. The conceptual schema has an entity named `Supplier`. You need to create a function named `GetSuppliersInCountry`. A list of `Supplier` entity instances should be returned by this function. What should you do?

- A. Create the following code fragment in the conceptual schema.

```
<FunctionImport
EntitySet="Supplier" Name="GetSuppliersInCountry" ReturnType="ContosoModel.Supplier">
<Parameter Name="country" Mode="In" Type="String" /></FunctionImport>
```

 Create the following code fragment in the mapping schema.

```
<FunctionImportMapping
FunctionImportName="GetSuppliers" FunctionName="ContosoModel.Store.GetSuppliers">
<ResultMapping> <EntityTypeMapping TypeName ="MultiSet" />
</ResultMapping></FunctionImportMapping>
```
- B. Create the following code fragment in the conceptual schema.

```
<FunctionImport
EntitySet="Supplier" Name="GetSuppliersInCountry"
ReturnType="Collection(ContosoModel.Supplier)"> <Parameter Name="country" Mode="In"
Type="String" /></FunctionImport>
```

 Create the following code fragment in the mapping schema.

```
<FunctionImportMapping FunctionImportName="GetSuppliers"
FunctionName="ContosoModel.Store.GetSuppliers"> <ResultMapping> <EntityTypeMapping
TypeName ="MultiSet" /> </ResultMapping></FunctionImportMapping>
```
- C. Create the following code fragment in the conceptual schema.

```
<FunctionImport
EntitySet="Supplier" Name="GetSuppliersInCountry"
ReturnType="Collection(ContosoModel.Supplier)"> <Parameter Name="country" Mode="In"
Type="String" /></FunctionImport>
```

 Create the following code fragment in the mapping schema.

```
<FunctionImportMapping FunctionImportName="GetSuppliers"
FunctionName="ContosoModel.Store.GetSuppliers"> <ResultMapping> <EntityTypeMapping
TypeName ="ContosoModel.Supplier" /> </ResultMapping></FunctionImportMapping>
```
- D. Create the following code fragment in the conceptual schema.

```
<FunctionImport
EntitySet="Supplier" Name="GetSuppliersInCountry" ReturnType="ContosoModel.Supplier">
```

```
<Parameter Name="country" Mode="In" Type="String" /></FunctionImport> Create the following code fragment in the mapping schema. <FunctionImportMapping FunctionImportName="GetSuppliers" FunctionName="ContosoModel.Store.GetSuppliers"> <ResultMapping> <EntityTypeMapping TypeName ="ContosoModel.Supplier" /> </ResultMapping></FunctionImportMapping>
```

Answer: C

Question: 2

You have just graduated from college, now you are serving the internship as the software developer in an international company. You have some experience developing Web, Windows, or distributed applications by using the Microsoft .NET Framework. Now according to the company requirement, you use the Microsoft .NET Framework 3.5 and Microsoft Synchronization Services for Microsoft ADO.NET to create an application. There's a Microsoft SQL Server 2005 database in the company server. The database is used by the application. There's a table named Leads which contains a column named State. The application connects to the table to synchronize data. You write the following code segment.

```
Dim cn As New SqlConnection("SERVER=myServer;DATABASE=CRMDb;") Dim bldr As New SqlSyncAdapterBuilder(cn)
```

Now you must make sure that the application partitions the data horizontally. Which code segment should you add?

- A. bldr.TombstoneDataColumns.Add("State")
- B. bldr.CreationTrackingColumn = "State"
- C. bldr.TombstoneFilterClause = "STATE=@STATE"bldr.TombstoneFilterParameters.Add(New SqlParameter("@STATE", userState))
- D. bldr.FilterClause = "STATE=@STATE"bldr.FilterParameters.Add(_ New SqlParameter("@STATE", userState))

Answer: D

Question: 3

You have just graduated from college, now you are serving the internship as the software developer in an international company. You have some experience developing Web, Windows, or distributed applications by using the Microsoft .NET Framework. Now according to the company requirement, you use the Microsoft .NET Framework 3.5 and Microsoft ADO.NET to create an application. There is a SqlDataAdapter object named daBill in the application. The SelectCommand property of the daBill object is set. You write the following code segment. (Line numbers are used for reference only.)

3

1 Private Sub ModifyDataAdapter() 2 3 End Sub You must make sure that the daBill object can also deal with updates. At line 2, which code segment should be inserted?

- A. Dim cb As New SqlCommandBuilder(daBill)cb.SetAllValues = True
- B. Dim cb As New SqlCommandBuilder(daBill)cb.RefreshSchema()
- C. Dim cb As New SqlCommandBuilder(daBill)cb.RefreshSchema()cb.GetDeleteCommand()cb.GetInsertCommand()cb.GetUpdateCommand
- D. Dim cb As New SqlCommandBuilder(daBill)daBill.DeleteCommand = cb.GetDeleteCommand()daBill.InsertCommand = cb.GetInsertCommand()daBill.UpdateCommand = cb.GetUpdateCommand()
- E. None of the above.

Answer: D

Question: 4

You have just graduated from college, now you are serving the internship as the software developer in an international company. You have some experience developing Web, Windows, or distributed applications by using the Microsoft .NET Framework. Now according to the company requirement, you use the Microsoft .NET Framework 3.5 and Microsoft ADO.NET to create an application. The application reads data from a Microsoft SQL Server 2005 database. There's a table named User which contains a primary key column. The application adds data to this table. You write the following code segment. (Line numbers are used for reference only.)

1 Private Sub ValidateData(ByVal tbl As DataTable) 2 tbl.Columns.Add("IsValid", GetType(Boolean)) 3 For Each item As DataRow In tbl.Rows 4 'Set IsValid to true or false 5 Next 6 End Sub 7 Private Function ChangeData() As DataTable 8 Dim adp As New SqlDataAdapter() 9 'Setup SqlDataAdapter to get User data 10 Dim tblOriginal As New DataTable() 11 adp.FillSchema(tblOriginal, SchemaType.Source) 12 adp.Fill(tblOriginal) 13 'Change User details 14 Dim tblNew As DataTable = tblOriginal.GetChanges() 15 ValidateData(tblNew) 16 17 Return tblOriginal 18 End Function You must make sure that a DataTable is returned by the ChangeData method. The DataTable should include the value in the IsValid column for each row in the User table. At line 16, which line of code should you insert?

- A. tblOriginal.Merge(tblNew, False, _ MissingSchemaAction.Ignore)
- B. tblOriginal.Merge(tblNew, True, _ MissingSchemaAction.AddWithKey)
- C. tblOriginal.Merge(tblNew, False, _ MissingSchemaAction.Add)
- D. tblOriginal.Merge(tblNew, True, _ MissingSchemaAction.[Error])

Answer: C

Question: 5

You have just graduated from college, now you are serving the internship as the software developer in an international company. You have some experience developing Web, Windows, or distributed applications by using the Microsoft .NET Framework. Now according to the company requirement, you use the Microsoft .NET Framework 3.5 and Microsoft ADO.NET to create an application. There's a database on a server named WiikigoS1. The database is named WikiigoDB1. The application reads data from this database. You generate three files:

a mapping schema definition file named Wiikigo.msl; a storage schema definition file named Wiikigo.ssd; a conceptual schema definition file named Wiikigo.csdl. You modify the contents of the Wiikigo.csdl and Wiikigo.msl files. From the altered schema definitions, you must generate the .NET Framework entities. In the options below, which command should you use?

- A. Edmgen.exe /mode:ViewGeneration /project:Wiikigo /inssdl: Wiikigo.ssd /incsd: Wiikigo.csdl /inmsl: Wiikigo.msl /outobjectlayer: Wiikigo
- B. Edmgen.exe /mode:FullGeneration /project: Wiikigo /provider:System.Data.SqlClient /connectionstring:"server=Wiikigo Srv;integrated security=true;database=Wiikigo DB"
- C. Edmgen.exe /mode:EntityClassGeneration /project: Wiikigo /incsd: Wiikigo.csdl
- D. Edmgen.exe /mode:FromSsdGeneration /project: Wiikigo /inssdl: Wiikigo.ssd /outcsdl: Wiikigo.csdl

Answer: C

Question: 6

You have just graduated from college, now you are serving the internship as the software developer in an international company. You have some experience developing Web, Windows, or distributed applications by using the Microsoft .NET Framework. Now according to the company requirement, you use the Microsoft .NET Framework 3.5 and Microsoft ADO.NET to create an application. The application reads data from a Microsoft SQL Server 2005 database. According to the company requirement, you create a DataSet named DS1 which contains two related tables. The two tables are respectively named Clients and Bills. You write the following code segment. (Line numbers are used for reference only.)

```
01 Protected Sub Page_Load(ByVal sender As Object, _  
ByVal e As EventArgs) 02  
Me.ordTblAdap.Fill(Me.DS1.Bills) 03  
Me.custTblAdap.Fill(Me.DS1.Clients) 04  
End Sub 05  
Private Sub custBindNavSaveItem_Click( _  
ByVal sender As Object, ByVal e As EventArgs)  
07 08 End Sub
```

The two tables in DS1 are often updated. Now you must make sure that before the data is saved to the database by application, the application commits all the updates to the two

tables At line7, which code segment be inserted?

- A. Me.Validate()Me.tableAdapterManager.UpdateAll(Me.DS1)Me.custBindSrc.EndEdit()Me.billBin dsrc.EndEdit()
- B. Me.Validate()Me.custBindSrc.EndEdit()Me.billBindsrc.EndEdit()Me.tableAdapterManager.Upda teAll(Me.DS1)
- C. Me.tableAdapterManager.UpdateBill = _ custTblAdap.TableAdapterManager.UpdateBillOption.InsertUpdateDeleteMe.custBindSrc.End Edit()Me.billBindsrc.End
- D. Me.tableAdapterManager.UpdateBill = _ custTblAdap.TableAdapterManager.UpdateBillOption.UpdateInsertDeleteMe.custBindSrc.EndEdi t()Me.billBindsrc.End

Answer: B

Question: 7

You have just graduated from college, now you are serving the internship as the software developer in an international company. You have some experience developing Web, Windows, ordistributed applications by using the Microsoft .NET Framework. Now according to the company requirement, you use the Microsoft .NET Framework 3.5 and Microsoft ADO.NET to create an application. You write the following code segment.

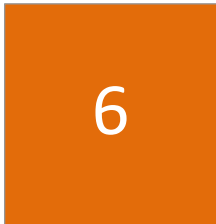
```
Dim sqlconn As New SqlConnection() ... Dim custAdapter As New SqlDataAdapter( _
"SELECT CustID, CompanyName FROM Sales.Customer", sqlconn) Dim ordAdapter As New
SqlDataAdapter( _ "SELECT OrderID, CustomerID, OrderDate FROM " + _
"Sales.SalesOrderDetail", sqlconn) Dim customerOrders As New
DataSet(custAdapter.Fill(customerOrders, "Customers") ordAdapter.Fill(customerOrders,
"Orders"))
```

You must make sure that the output of the customerOrders DataSet matches the XML schema of the code fragment below.

```
<CustomerOrders> <Customers><CustID>ALFKI</CustID> <CompanyName>Alfreds
Futterkiste</CompanyName>
</Customers><Orders><OrderID>10643</OrderID><CustID>ALFKI</CustID>
<OrderDate>1997-08-25T00:00:00</OrderDate> </Orders>
<Orders><OrderID>10692</OrderID><CustID>ALFKI</CustID> <OrderDate>1997-10-
03T00:00:00</OrderDate> </Orders> </CustomerOrders>
```

Which code segment should you add?

- A. Dim relation As DataRelation = _ customerOrders.Relations.Add("CustOrders", _ customerOrders.Tables("Orders").Columns("CustID"), _ customerOrders.Tables("Customers").Columns("CustID"))
- B. Dim relation As DataRelation = _ customerOrders.Relations.Add("CustOrders", _



```
customerOrders.Tables("Customers").Columns("CustID"), _
customerOrders.Tables("Orders").Columns("CustID"))
C. Dim relation As DataRelation = _ customerOrders.Relations.Add("CustOrders", _
customerOrders.Tables("Orders").Columns("CustID"), _
customerOrders.Tables("Customers").Columns("CustID"))relation.Nested = True
D. Dim relation As DataRelation = _ customerOrders.Relations.Add("CustOrders", _
customerOrders.Tables("Customers").Columns("CustID"), _
customerOrders.Tables("Orders").Columns("CustID"))relation.Nested = True
```

Answer: B

Question: 8

You have just graduated from college, now you are serving the internship as the software developer in an international company. You have some experience developing Web, Windows, or distributed applications by using the Microsoft .NET Framework. Now according to the company requirement, you use the Microsoft .NET Framework 3.5 and Microsoft ADO.NET to create an application. The connection string which contains the user name and password is stored directly in the code of the application. You must make sure that you can keep the password in the connection string secure. So what should you do?

- A. The connection string should be added to the Settings.settings file.
- B. In the connection string, you should set the Persist Security Info keyword to true.
- C. In the connection string, you should set the Persist Security Info keyword to false.
- D. The connection string should be added to the Web.config file and protected configuration should be used.

Answer: D

Question: 9

You have just graduated from college, now you are serving the internship as the software developer in an international company. You have some experience developing Web, Windows, or distributed applications by using the Microsoft .NET Framework. Now according to the company requirement, you use the Microsoft .NET Framework 3.5 and Microsoft ADO.NET to create an application. According to the requirement of the company CIO, the application must be able to connect to any type of database. The company CIO assigns this task to you. So what should you do to achieve this goal?

- A. Create the connection object in the following manner. Dim factory As DbProviderFactory = _ DbProviderFactories.GetFactory("System.Data.Odbc")Dim connection As DbConnection = _ factory.CreateConnection()

- B. Create the connection object in the following manner. Dim factory As DbProviderFactory = _ DbProviderFactories.GetFactory(databaseProviderName) Dim connection As DbConnection = factory.CreateConnection()
- C. Set the database driver name in the connection string of the application, and then create the connection object in the following manner. Dim connection As DbConnection = _ New OdbcConnection(connectionString)
- D. Set the database provider name in the connection string of the application, and then create the connection object in the following manner. Dim connection As DbConnection = _ New OleDbConnection(connectionString)

Answer: B

Question: 10

You have just graduated from college, now you are serving the internship as the software developer in an international company. You have some experience developing Web, Windows, or distributed applications by using the Microsoft .NET Framework. Now according to the company requirement, you use the Microsoft .NET Framework 3.5 and Microsoft ADO.NET to create an application. You write the following code segment.

```
Dim tblInvDet As New DataTable("InvoiceDetail") Dim collInvNo As DataColumn = _
tblInvDet.Columns.Add("InvNo", GetType(String)) Dim collItemNo As DataColumn = _
tblInvDet.Columns.Add("ItemNo", GetType(Integer))
```

According to the requirement of the company CIO, the corresponding values in the InvNo DataColumn and the ItemNo DataColumn must have to form a unique pair. In the options below, which code segment do you choose?

- A. collInvNo.Unique = True collItemNo.Unique = True
- B. Dim con As New UniqueConstraint("UnqCol", _ New DataColumn() {collInvNo, collItemNo}, False) tblInvDet.Constraints.Add(con)
- C. Dim con1 As New UniqueConstraint("UnqCol1", collInvNo, True) Dim con2 As New UniqueConstraint("UnqCol2", collItemNo, True) tblInvDet.Constraints.Add(con1) tblInvDet.Constraints.Add(con2)
- D. Dim con1 As New UniqueConstraint("UnqCol1", collInvNo, False) Dim con2 As New UniqueConstraint("UnqCol2", collItemNo, False) tblInvDet.Constraints.AddRange(New UniqueConstraint() {con1, con2})

Answer: B

Question: 11

You have just graduated from college, now you are serving the internship as the software developer in an international company. You have some experience developing Web, Windows, or distributed applications by using the Microsoft .NET Framework. Now



according to the company requirement, you use the Microsoft .NET Framework 3.5 and Microsoft ADO.NET to create an application. The application caches use a Local Database Cache class to refer to tables. You write the following code segment. (Line numbers are used for reference only.)

```
1 Partial Public Class LocalDataCacheProvider
2 Private Sub InitializeConnection( _ 3 ByVal
connectionString As String)
4 Me.Connection = _ 5 New
System.Data.SqlClient.SqlConnection(connectionString)
6 End Sub
7 Private Sub
InitializeNewAnchorCommand()
8 ...
9 End Sub
10 End Class
```

You must make sure that the LocalDataCacheProvider class handles all database communication. Which code segment should replace line 1?

- A. Partial Public Class LocalDataCacheProvider Inherits _ Microsoft.Synchronization.Data.Server.DbServerSyncProvider
- B. Partial Public Class LocalDataCacheProvider Inherits Microsoft.Synchronization.Data.SyncAnchor
- C. Public Class LocalDataCacheProvider Inherits Microsoft.Synchronization.Data.ServerSyncProviderProxy
- D. Partial Public Class LocalDataCacheProvider Inherits Microsoft.Synchronization.Data.Server.SyncAdapter

Answer: A

Question: 12

You have just graduated from college, now you are serving the internship as the software developer in an international company. You have some experience developing Web, Windows, or distributed applications by using the Microsoft .NET Framework. Now according to the company requirement, you use the Microsoft .NET Framework 3.5. Microsoft ADO.NET Entity Framework is used by you for persistence. A conceptual schema definition for the entity data model is written in the following manner.

```
<EntityType Name="Customer"><Key> <PropertyRef Name="CustomerID" />
</Key><Property Name="CustomerID" Type="Int32" Nullable="false" />
</EntityType><EntityType Name="Order"> <Property Name="InvoiceNo" Type="String"
MaxLength="10" FixedLength="true" />
<NavigationProperty
Name="Customer"Relationship="ContosoModel.FK_Customer_Order" FromRole="Order"
ToRole="Customer" /> </EntityType>
```

Now your company CIO assigns a task to you. According to his requirement, you have to get back all the InvoiceNo property values for the Customer entity instance, the instance has the CustomerID property value as 1. In the options below, which entity SQL query should you choose?

- A. SELECT o.InvoiceNo FROM ContosoEntities.Order as o, o.Customer as c WHERE

c.CustomerID=1
 B. SELECT o.Invoic
 c.CustomerID=1
 C. SELECT o.Invoic
 c.CustomerID=1
 D. SELECT o.Invoic
 ContosoEntities.C

customer as c WHERE
) as c WHERE
 F(c) from

Answer: A

Question: 13

You have just gradu
 developer in an inte
 Windows, or distrib
 according to the co
 and Microsoft Sync
 application uses the
 database. You set t
 statement. You wri
 only.)

1 INSERT INTO dbo.
 [CreationDate]) VA
 All the data inserts
 executed by the Sys

A. SET @sync_res
 B. SET @sync_res
 C. SET @sync_res
 D. SET @sync_res

ship as the software
 developing Web,
 network. Now
 T Framework 3.5
 cation. The
 oft SQL Server 2005
 object to a T-SQL
 e used for reference

Date],
 (creationDate) 2
 and command is
 could you insert?

. B

70-561 Demo Exam

Get complete 70-561 exam questions and answers by visiting URL

["http://www.techexams.ws/exams/70-561.do"](http://www.techexams.ws/exams/70-561.do)