

MCSD.NET - 70-306 Exam Interview Questions And Answers Guide.



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MCSD.NET - 70-306 Exam Job Interview Preparation Guide.

Question # 1

Suppose You use Visual Studio .NET to develop a Windows-based application. Your application will display customer order information from a Microsoft SQL Server database. The orders will be displayed on a Windows Form that includes a DataGrid control named XYZGrid1. XYZGrid1 is bound to a DataView object. Users will be able to edit order information directly in XYZGrid1. You must give users the option of displaying only edited customer orders and updated values in XYZGrid1.

What should you do?

- A. Set the RowStateFilter property of the DataView object to DataViewRowState.ModifiedOriginal.
- B. Set the RowStateFilter property of the DataView object to DataViewRowState.ModifiedCurrent.
- C. Set the RowFilter property of the DataView object to DataViewRowState.ModifiedOriginal.
- D. Set the RowFilter property of the DataView object to DataViewRowState.ModifiedCurrent.

Answer:-

- C. Set the RowFilter property of the DataView object to DataViewRowState.ModifiedOriginal.

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Question # 2

Suppose You develop a Windows-based application that includes the following code segment. (Line numbers are included for reference only.)

```
01 Public Sub password_Validating (ByVal sender As _  
02 Object, ByVal e As _  
03 System.ComponentModel.CancelEventArgs)  
04 Handles password.Validating  
05 If ValidPassword() = False Then  
06 Insert new code.  
07 End If  
08 End Sub
```

You must ensure that users cannot move control focus away from textPassword if ValidPassword returns a value of False. You will add the required code on line 6. Which code segment should you use?

- A. e.Cancel = True
- B. sender = textName
- C. password.AcceptsTab = False
- D. password.CausesValidation = False

Answer:-

- A. e.Cancel = True

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Question # 3

You are preparing a localized version of a Windows Form named XYZLocal. Users of XYZLocal speak a language that prints text from right to left. User interface elements on the form need to conform to this alignment.

You must ensure that all user interface elements are properly formatted when the localized Windows Form runs. You must also ensure that XYZLocal is easy to update and maintain.

What should you do?

- A. Set the RightToLeft property of each control on the form to Yes.
- B. Set the RightToLeft property of the form to Yes.
- C. Set the Language property of the form to the appropriate language.
- D. Set the Localizable property of the form to True.

Answer:-

- B. Set the RightToLeft property of the form to Yes.

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Question # 4

As a developer at XYZ you develop a new sales analysis application that reuses existing data access components. One of these components returns a DataSet object that contains the data for all customer orders for the previous year. You want your application to display orders for individual product numbers. Users will specify the appropriate product numbers at run time. What should you do?

- A. Use the DataSet.Reset method.
- B. Set the RowFilter property of the DataSet object by using a filter expression.
- C. Create a DataView object and set the RowFilter property by using a filter expression.
- D. Create a DataView object and set the RowStateFilter property by using a filter expression..

Answer:-

C. Create a DataView object and set the RowFilter property by using a filter expression.

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Question # 5

Tell me What is the difference between Remoting and Client/Server application?

Answer:-

Client Server is One side Client and other side Server(Client component vs Server Components)

Remoting have a unique code for both client and server.

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Question # 6

Suppose You develop a Windows-based application XYZ App by using Visual Studio .NET. XYZApp implements ADO.NET objects to call Microsoft SQL Server stored procedures. Your database administrator is responsible for coding and maintaining all stored procedures. Periodically, the administrator modifies the stored procedures.

At run time, your application code must discover any changes in the way that values are passed to and returned from the stored procedures.

Which ADO.NET object and method should you use?

- A. CommandBuilder.RefreshSchema
- B. CommandBuilder.DeriveParameters
- C. SqlCommand.CreateParameter
- D. SqlDataAdapter.GetFillParameters

Answer:-

B. CommandBuilder.DeriveParameters

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Question # 7

Suppose You execute a query on your external Oracle database named XYZSalesDate by using an OleDbCommand object. The query uses the Average function to return a single value that represents the average price of products in the inventory table. You want to optimize performance when you execute this query.

To execute this query from your ADO.NET code, you need to use a method of the OleDbCommand object. Which method should you use?

- A. ExecuteNonQuery
- B. ExecuteScalar
- C. ToString
- D. ExecuteReader

Answer:-

B. ExecuteScalar

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Question # 8

Suppose You develop a Windows-based application XYZiApp by using Visual Studio .NET. XYZiApp uses a SqlConnection object for database access.

You typically run XYZiApp on a computer that has limited RAM and hard disk space. After the code finishes using the SqlConnection object, you must ensure that the connection is closed and that any resources consumed by the object are released immediately.

What should you do?

- A. Call the Finalize method of the SqlConnection object.
- B. Call the Dispose method of the SqlConnection object.
- C. Set the SqlConnection object equal to Nothing.
- D. Set the SqlConnection object equal to

Answer:-

B. Call the Dispose method of the SqlConnection object.

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Question # 9

Suppose You develop a Windows-based inventory management application that interacts with a Microsoft



SQL Server database. Your application enables users to update information about items in inventory. Each time a user changes an inventory item, your application executes a SQL Server stored procedure XYZSP to update rows in the database. XYZSP will run many times during each user session.

Your application will use a SqlCommand object to execute XYZSP. You must revise your code so that the use of this object optimizes query performance.

What should you do?

- A. Call the SqlCommand.DeriveParameters method before each call to SqlCommand.ExecuteNonQuery.
- B. Call the SqlCommand.Prepare method before each call to SqlCommand.ExecuteNonQuery.
- C. Call the SqlCommand.DeriveParameters method before the first call to SqlCommand.ExecuteNonQuery.
- D. Call the SqlCommand.Prepare method before the first call to SqlCommand.ExecuteNonQuery.

Answer:-

D. Call the SqlCommand.Prepare method before the first call to SqlCommand.ExecuteNonQuery.

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Question # 10

Suppose You create a Visual Studio .NET setup project to distribute an application. You add a SQL script named XYZDB.SQL. You must ensure that the SQL script is executed during the installation process. What should you do?

- A. Add a custom action to your setup project. Select XYZDB.SQL as the source path.
- B. Add a batch file to your setup project to execute XYZDB.SQL. Add a launch condition to the setup project. Set the Condition property to the batch file.
- C. Create a new Visual Studio .NET project that executes XYZDB.SQL. Include the new project with your setup project. Add a custom action that launches the new project during installation.
- D. Add a launch condition to your setup project. Set the Condition property to XYZDB.SQL.

Answer:-

A. Add a custom action to your setup project. Select XYZDB.SQL as the source path.

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Question # 11

Suppose You develop a Windows-based application XYZApp that includes several menus. Every top-level menu contains several menu items, and certain menus contain items that are mutually exclusive. You decide to distinguish the single most important item in each menu by changing its caption text to bold type.

What should you do?

- A. Set the DefaultItem property to True.
- B. Set the Text property to '?True?'.
- C. Set the Checked property to True.
- D. Set the OwnerDraw property to True.

Answer:-

A. Set the DefaultItem property to True.

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Question # 12

Suppose You use Visual Studio .NET to create a Windows-based application for XYZ Inc. The application includes a form that contains several controls, including a button named exitButton. After you finish designing the form, you select all controls and then select Lock Controls from the Format menu.

Later, you discover that exitButton is too small. You need to enlarge its vertical dimension with the least possible effort, and without disrupting the other controls.

First you select exitButton in the Windows Forms Designer. What should you do next?

- A. Set the Locked property to False. Set the Size property to the required size. Set the Locked property to True.
- B. Set the Locked property to False. Use the mouse to resize the control. Set the Locked property to True.
- C. Set the Size property to the required size.
- D. Use the mouse to resize the control.

Answer:-

C. Set the Size property to the required size.

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Question # 13

Suppose You develop a Windows-based application. The application uses a DataSet object that contains two DataTable objects. The application will display data from the two data tables. One table



contains customer information, which must be displayed in a data-bound ListBox control. The other table contains order information, which must be displayed in a DataGrid control.

You need to modify your application to enable the list box functionality. What should you do?

- A. Use the DataSet.Merge method.
- B. Define primary keys for the DataTable objects.
- C. Create a foreign key constraint on the DataSet object.
- D. Add a DataRelation object to the Relation collection of the DataSet object.

Answer:-

- D. Add a DataRelation object to the Relation collection of the DataSet object.

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Question # 14

Suppose You develop a Windows Form that provides online help for users. You want the help functionality to be available when users press the F1 key. Help text will be displayed in a pop-up window for the text box that has focus.

To implement this functionality, you need to call a method of the HelpProvider control and pass the text box and the help text.

Which method should you call?

- A. SetShowHelp
- B. SetHelpString
- C. SetHelpKeyword
- D. ToString

Answer:-

- B. SetHelpString

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