

Microsoft 70-568

**70-568 Upgrade: Transition your MCPD Enterprise
Application Developer Skills to MCPD Enterprise
Application Developer 3.5, Part 1**

Practice Test

Version 1.1

QUESTION NO: 1

You are creating a Windows Forms application by using the .NET Framework 3.5.

You create a new form in the application. You add a ContextMenuStrip control named ctxMenu to the form.

You have a user-defined class named CustomControl.

You write the following code segment in the application. (Line numbers are included for reference only.)

```
01 CustomControl myControl = new CustomControl();
```

02 You need to ensure that an instance of CustomControl is displayed on the form as a top-level item of the ctxMenu control.

Which code segment should you add at line 02?

A. ToolStripControlHost host = new ToolStripControlHost(myControl);
ctxMenu.Items.Add(host);

B. ToolStripPanel panel = new ToolStripPanel();
panel.Controls.Add(myControl);
ctxMenu.Controls.Add(panel);

C. ToolStripContentPanel panel = new ToolStripContentPanel();
panel.Controls.Add(myControl);
ctxMenu.Controls.Add(panel);

D. ToolStripMenuItem menuItem = new ToolStripMenuItem();
ToolStripControlHost host = new ToolStripControlHost(myControl);
menuItem.DropDownItems.Add(host);
ctxMenu.Items.Add(menuItem);

Answer: A

QUESTION NO: 2

You are creating a Windows Forms application by using the .NET Framework 3.5.

You create a new form in the application. You add a ContextMenuStrip control named ctxMenu to the form.

You have a user-defined class named CustomControl.

You write the following code segment in the application. (Line numbers are included for reference only.)

```
01 Dim myControl As New CustomControl()
```

02 You need to ensure that an instance of CustomControl is displayed on the form as a top-level item of the ctxMenu control.

Which code segment should you add at line 02?

- A. Dim host As New ToolStripControlHost(myControl)
ctxMenu.Items.Add(host)
- B. Dim panel As New ToolStripPanel()
panel.Controls.Add(myControl)
ctxMenu.Controls.Add(panel)
- C. Dim panel As New ToolStripContentPanel()
panel.Controls.Add(myControl)
ctxMenu.Controls.Add(panel)
- D. Dim menuItem As New ToolStripMenuItem()
Dim host As New ToolStripControlHost(myControl)
menuItem.DropDownItems.Add(host)
ctxMenu.Items.Add(menuItem)

Answer: A

QUESTION NO: 3

You are creating a Windows Forms application by using the .NET Framework 3.5.

You create a new form in your application. You add a PrintDocument control named pntDoc to the form.

To support the print functionality, you write the following code segment in the application. (Line numbers are included for reference only.)

```
01 pntDoc.BeginPrint +=  
new PrintEventHandler(PrintDoc_BeginPrint);  
02 ...  
03 bool canPrint = CheckPrintAccessControl();  
04 if (!canPrint) {  
05  
06 }  
07
```

You need to ensure that the following requirements are met:

*When the user has no print access, font and file stream initializations are not executed and the print operation is cancelled.

*Print operations are logged whether or not the user has print access.

What should you do?

A. Add the following code segment at line 05.

```
pntDoc.BeginPrint -= new PrintEventHandler(PrintDoc_BeginPrint);  
pntDoc.BeginPrint +=  
new PrintEventHandler((obj, args) => args.Cancel = true);
```

Add the following code segment at line 07.

```
pntDoc.BeginPrint +=  
new PrintEventHandler((obj1, args1) => LogPrintOperation());
```

B. Add the following code segment at line 05.

```
pntDoc.BeginPrint +=  
new PrintEventHandler(delegate(object obj, PrintEventArgs args){});
```

Add the following code segment at line 07.

```
pntDoc.BeginPrint -= new PrintEventHandler(PrintDoc_BeginPrint);  
pntDoc.BeginPrint +=  
new PrintEventHandler((obj1, args1) => LogPrintOperation());
```

C. Add the following code segment at line 05.

```
pntDoc.BeginPrint -= new PrintEventHandler(PrintDoc_BeginPrint);  
pntDoc.BeginPrint -=  
new PrintEventHandler(delegate(object obj, PrintEventArgs args){});
```

Add the following code segment at line 07.

```
pntDoc.BeginPrint -=  
new PrintEventHandler((obj1, args1) => LogPrintOperation());
```

D. Add the following code segment at line 05.

```
pntDoc.BeginPrint -=  
new PrintEventHandler((obj, args) => args.Cancel = true);
```

Add the following code segment at line 07.

```
pntDoc.BeginPrint += new PrintEventHandler(PrintDoc_BeginPrint);  
pntDoc.BeginPrint -=  
new PrintEventHandler((obj1, args1) => LogPrintOperation());
```

Answer: A

QUESTION NO: 4

You are creating a Windows Forms application by using the .NET Framework 3.5.

You create a new form in your application. You add a PrintDocument control named pntDoc to the form.

To support the print functionality, you write the following code segment in the application. (Line numbers are included for reference only.)

```
01 AddHandler pntDoc.BeginPrint, _  
AddressOf PrintDoc_BeginPrint  
02 ...  
03 Dim canPrint As Boolean = CheckPrintAccessControl()  
04 If canPrint = False Then  
05  
06 End If  
07
```

You need to ensure that the following requirements are met:

*When the user has no print access, font and file stream initializations are not executed and the print operation is cancelled.

*Print operations are logged whether or not the user has print access.

What should you do?

A. Add the following code segment at line 05.

```
RemoveHandler pntDoc.BeginPrint, AddressOf PrintDoc_BeginPrint  
AddHandler pntDoc.BeginPrint, _  
Function(obj1, args1) args1.Cancel = True  
Add the following code segment at line 07.  
AddHandler pntDoc.BeginPrint, AddressOf  
LogPrintOperation
```

B. Add the following code segment at line 05.

```
AddHandler pntDoc.BeginPrint, AddressOf EmptyEventHandler  
Add the following code segment at line 07.  
RemoveHandler pntDoc.BeginPrint, AddressOf PrintDoc_BeginPrint  
AddHandler pntDoc.BeginPrint, AddressOf  
LogPrintOperation
```

C. Add the following code segment at line 05.

```
RemoveHandler pntDoc.BeginPrint, AddressOf PrintDoc_BeginPrint  
RemoveHandler pntDoc.BeginPrint, AddressOf EmptyEventHandler  
Add the following code segment at line 07.  
RemoveHandler pntDoc.BeginPrint, AddressOf  
LogPrintOperation
```

D. Add the following code segment at line 05.

```
AddHandler pntDoc.BeginPrint, _  
function(obj1, args1) args1.Cancel = True
```

Add the following code segment at line 07.

```
AddHandler pntDoc.BeginPrint, AddressOf PrintDoc_BeginPrint  
RemoveHandler pntDoc.BeginPrint, AddressOf  
LogPrintOperation
```

Answer: A

QUESTION NO: 5

You are creating a Windows Forms application by using the .NET Framework 3.5. You plan to modify a list of orders within a DataGridView control in the application. You need to ensure that a value is required in the first column of the grid control.

Which code segment should you use?

```
A. private void dataGridOrders_CellValidated(  
object sender, DataGridViewCellEventArgs e) {  
if (e.ColumnIndex == 0) {  
var cellValue = dataGridOrders[  
e.ColumnIndex, e.RowIndex].Value;  
if (cellValue == null ||  
string.IsNullOrEmpty(cellValue.ToString()))  
{  
dataGridOrders.EndEdit();  
}  
}  
}
```

```
B. private void dataGridOrders_Validated(  
object sender, EventArgs e) {  
if (dataGridOrders.CurrentCell.ColumnIndex == 0) {  
var cellValue = dataGridOrders.Text;  
if (cellValue == null ||  
string.IsNullOrEmpty(cellValue.ToString()))  
{  
dataGridOrders.EndEdit();  
}  
}  
}
```

```
C. private void dataGridOrders_Validating(
object sender, CancelEventArgs e) {
if (dataGridOrders.CurrentCell.ColumnIndex == 0) {
var cellValue = dataGridOrders.Text;
if (cellValue == null ||
string.IsNullOrEmpty(cellValue.ToString()))
{
e.Cancel = true;
}
}
}

D. private void dataGridOrders_CellValidating(
object sender, DataGridViewCellValidatingEventArgs e) {
if (e.ColumnIndex == 0) {
if (e.FormattedValue == null ||
string.IsNullOrEmpty(e.FormattedValue.ToString()))
{
e.Cancel = true;
}
}
}
```

Answer: D

QUESTION NO: 6

You are creating a Windows Forms application by using the .NET Framework 3.5. You plan to modify a list of orders within a DataGridView control in the application. You need to ensure that a value is required in the first column of the grid control. Which code segment should you use?

```
A. Private Sub dataGridOrders_CellValidated( _
ByVal sender As Object, _
ByVal e As DataGridViewCellEventArgs) _
Handles dataGridOrders.CellValidated
If e.ColumnIndex = 0 Then
Dim cellValue = dataGridOrders(e.ColumnIndex, e.RowIndex).Value
If cellValue = Nothing _
Or String.IsNullOrEmpty(cellValue.ToString()) Then
dataGridOrders.EndEdit()
End If
End If
```

End Sub

B. Private Sub dataGridOrders_Validated(_

ByVal sender As Object, _

ByVal e As EventArgs) _

Handles dataGridOrders.Validated

If dataGridOrders.CurrentCell.ColumnIndex = 0 Then

Dim cellValue = dataGridOrders.Text

If cellValue = Nothing Or _

String.IsNullOrEmpty(cellValue.ToString()) Then

dataGridOrders.EndEdit()

End If

End If

End Sub

C. Private Sub dataGridOrders_Validating(_

ByVal sender As Object, _

ByVal e As CancelEventArgs) _

Handles dataGridOrders.Validating

If dataGridOrders.CurrentCell.ColumnIndex = 0 Then

Dim cellValue = dataGridOrders.Text

If cellValue = Nothing Or _

String.IsNullOrEmpty(cellValue.ToString()) Then

e.Cancel = True

End If

End If

End Sub

D. Private Sub dataGridOrders_CellValidating(_

ByVal sender As Object, _

ByVal e As DataGridViewCellValidatingEventArgs) _

Handles dataGridOrders.CellValidating

If e.ColumnIndex = 0 Then

If e.FormattedValue = Nothing _

Or String.IsNullOrEmpty(e.FormattedValue.ToString()) Then

e.Cancel = True

End If

End If

End Sub

Answer: D

QUESTION NO: 7

You are creating a Windows Forms application by using the .NET Framework 3.5.

You write the following code segment to bind a list of categories to a drop-down list. (Line numbers are included for reference only.)

```
01 OleDbConnection cnnNorthwind =  
new OleDbConnection(connectionString);  
02 OleDbCommand cmdCategory = new OleDbCommand(  
"SELECT CategoryID, CategoryName FROM Categories ORDER BY  
CategoryName", cnnNorthwind);  
03 OleDbDataAdapter daCategory = new  
OleDbDataAdapter(cmdCategory);  
04 DataSet dsCategory = new DataSet();  
05 daCategory.Fill(dsCategory);  
06
```

You need to ensure that the drop-down list meets the following requirements:

*Displays all category names.

*Uses the category ID as the selected item value.

Which code segment should you add at line 06?

- A. `ddlCategory.DataSource = dsCategory;`
`ddlCategory.DisplayMember = "CategoryName";`
`ddlCategory.ValueMember = "CategoryID";`
- B. `ddlCategory.DataSource = dsCategory.Tables[0];`
`ddlCategory.DisplayMember = "CategoryName";`
`ddlCategory.ValueMember = "CategoryID";`
- C. `ddlCategory.DataBindings.Add("DisplayMember",`
`dsCategory, "CategoryName");`
`ddlCategory.DataBindings.Add("ValueMember",`
`dsCategory, "CategoryID");`
- D. `ddlCategory.DataBindings.Add("DisplayMember",`
`dsCategory.Tables[0], "CategoryName");`
`ddlCategory.DataBindings.Add("ValueMember",`
`dsCategory.Tables[0], "CategoryID");`

Answer: B

QUESTION NO: 8

You create an application by using the Microsoft .NET Framework 3.5 and Microsoft ADO.NET. The application connects to a Microsoft SQL Server 2005 database.

You write the following code segment. (Line numbers are included for reference only.)

```
01 using (SqlConnection connection = new
SqlConnection(connectionString)) {
02 SqlCommand cmd = new SqlCommand(queryString, connection);
03 connection.Open();
04
05 while (sdrdr.Read()){
06 // use the data in the reader
07 }
08 }
```

You need to ensure that the memory is used efficiently when retrieving BLOBs from the database.

Which code segment should you insert at line 04?

- A. SqlDataReader sdrdr = cmd.ExecuteReader();
- B. SqlDataReader sdrdr = cmd.ExecuteReader(CommandBehavior.Default);
- C. SqlDataReader sdrdr = cmd.ExecuteReader(CommandBehavior.SchemaOnly);
- D. SqlDataReader sdrdr = cmd.ExecuteReader(CommandBehavior.SequentialAccess);

Answer: D

QUESTION NO: 9

You are creating a Windows Forms application by using the .NET Framework 3.5.

You write the following code segment to bind a list of categories to a drop-down list. (Line numbers are included for reference only.)

```
01 Dim cnnNorthwind As OleDbConnection = _
New OleDbConnection(connectionString)
02 Dim cmdCategory As OleDbCommand = New OleDbCommand( _
"SELECT CategoryID, CategoryName FROM Categories ORDER BY
CategoryName", cnnNorthwind)
03 Dim daCategory As OleDbDataAdapter = _
New OleDbDataAdapter(cmdCategory)
04 Dim dsCategory As DataSet = New DataSet()
05 daCategory.Fill(dsCategory)
06
```