



TestKingprep.com

**MCSE, CCNA, CCNP, OCP, CIW, JAVA, Sun Solaris, Checkpoint
World No 1 Cert Exams**

70-543

Congratulations!

You have purchased a TestKingprep.com Study Guide.

This study guide is a complete collection of questions and answers that have been developed by our professional & certified team. You must study the contents of this guide properly in order to prepare for the actual certification test. The average time that we would suggest you for studying this study guide is approximately 10 to 20 hours and you will surely pass your exam. We guarantee it!

GOOD LUCK!

DISCLAIMER

This study guide and/or material is not sponsored by, endorsed by or affiliated with Microsoft, Cisco, Oracle, Citrix, CIW, Checkpoint, Novell, Sun/Solaris, CWNA, LPI, ISC, etc. All trademarks are properties of their respective owners.

Guarantee

If you use this study guide correctly and still fail the exam, send a scanned copy of your official score notice at: Sales@TestKingprep.com

We will gladly refund the cost of this study guide or give you an exchange of study guide of your choice of the Free.

This material is protected by copyright law and international treaties. 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.

Microsoft 70-543 (VB)

Question: 1

You create a Microsoft Office Excel 2007 workbook. You save the workbook in the C:\Data folder as an OpenXML package. You copy a file named Data.xml from the C:\Data folder to the CustomXML folder in the package. You rename the copied file to Item1.xml. You add the following XML fragment to the Document.xml.rels file in the package. < Relationship Id="rId1" Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/CustomXML" Target="..." / > You need to ensure that the workbook can use the custom XML document part. Which value should you use for the Target attribute in the XML fragment?

- A. /Data/Data.xml
- B. /CustomXML/Item1.xml
- C. C:/Data/Data.xml
- D. C:/Data/CustomXML/Item1.xml

Answer: B

Question: 2

You create a custom workbook for Microsoft Office Excel 2007 by using Visual Studio Tools for the Microsoft Office System (VSTO). The workbook contains the following data: Static data
Data that is imported from .xml files
The workbook displays the imported data by using mapped ranges. You need to send only the imported data to a user. What should you do?

- A. Save the workbook as an .xml file, and then send the Workbook.xml file to the user.
- B. Save the workbook as a .zip file, and then send the Workbook.xml file that is contained in the .zip file to the user.
- C. From the Developer Ribbon user interface, export the XML data as an .xml file by using the Export command. Send the .xml file to the user.
- D. From the Design Ribbon user interface, export the XML data to a Microsoft Windows SharePoint Services list by using the Export command. Send the link from the Microsoft Windows SharePoint Services list to the user.

Answer: C

Question: 3

You create a custom template for Microsoft Office Word 2007 by using Visual Studio Tools for the Microsoft Office System (VSTO). You add two Text content controls named control1 and control2 to the template. The template contains the following custom XML fragment. < ProductList >
<Product id="1"> <Name> Chai </Name>

</Product> <Product id="2"> <Name>Chang</Name> </Product> </ ProductList > You need to ensure that control1 displays the id of the Product and control2 displays the name of the Product. Which code segment should you use?

- A. Control1.XMLMapping.SetMapping _ ("/ ProductList /Product/id", "", _ Me.ActiveWindow.Document.CustomXMLParts (1)) control2.XMLMapping.SetMapping _ ("/ ProductList /Product/Name", "", _ Me.ActiveWindow.Document.CustomXMLParts (1))
- B. Control1.XMLMapping.SetMapping _ ("/ ProductList /Product/@id", "", _ Me.ActiveWindow.Document.CustomXMLParts (1)) control2.XMLMapping.SetMapping _ ("/ ProductList /Product/Name", "", _ Me.ActiveWindow.Document.CustomXMLParts (1))
- C. Control1.XMLMapping.SetMapping _ ("/ ProductList /Product[1]/id", "", _ Me.ActiveWindow.Document.CustomXMLParts (1)) control2.XMLMapping.SetMapping _ ("/ ProductList /Product[1]/Name", "", _ Me.ActiveWindow.Document.CustomXMLParts (1))
- D. Control1.XMLMapping.SetMapping _ ("/ ProductList /Product[1]/@id", "", _ Me.ActiveWindow.Document.CustomXMLParts (1)) control2.XMLMapping.SetMapping _ ("/ ProductList /Product[1]/Name", "", _ Me.ActiveWindow.Document.CustomXMLParts (1))

Answer: D

Question: 4

You are creating a custom template for Microsoft Office Word 2007 by using Visual Studio Tools for the Microsoft Office System (VSTO). The template contains a custom XML part that consumes data from an XML source. The XML source contains the following XML fragment. <Products> mother board, memory, hard drive, floppy drive, DVD drive </Products> You need to display the Products element as a comma-separated list within a paragraph of text. Which code segment should you use?

- A. Application.ActiveDocument.ContentControls.Add _ (WdContentControlType.wdContentControlRichText, range)
- B. Application.ActiveDocument.ContentControls.Add _ (WdContentControlType.wdContentControlText, range)
- C. Application.ActiveDocument.ContentControls.Add _ (WdContentControlType.wdContentControlDropDownList, range)
- D. Application.ActiveDocument.ContentControls.Add _ (WdContentControlType.wdContentControlCombobox, range)

Answer: B

Question: 5

You are creating a document-level solution for Microsoft Office Word 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). A transformation file is used to convert the solution document to an HTML file. The path to the transformation file is stored in a variable named filename. The Uniform Resource Identifier (URI) is stored in a variable named uri. An optional alias is stored in a variable named alias. You need to ensure that the solution document uses the transformation file that the user provides. Which code segment should you use?

- A. Me.Application.XMLNamespaces.Add (filename, uri , [alias], True)
- B. Me.XMLSchemaReferences.Add (uri , [alias], filename, True)
- C. Me.XMLNodes.Add (Name:=filename, Namespace:= "")
- D. Me.XMLSaveThroughXSLT = filename

Answer: D

Question: 6

You create a Microsoft Office Word 2007 document. The document will use data from a file named Data1.xml. The file is located in the C:\Data folder. You create an application by using Visual Studio Tools for the Microsoft Office System (VSTO). You need to ensure that the application adds the data from the Data1.xml file to the document. Which code segment should you use?

- A. Document.CustomXMLParts.Add(XML:= "")
document.CustomXMLParts(1).Load("C:\data1.xml")
- B. Dim control As ContentControl control = document.ContentControls.Add _ (WdContentControlType.wdContentControlText, range) control.XMLMapping.SetMapping(_ "C:\data1.xml", "", document.CustomXMLParts(1))
- C. Dim xmlPart As CustomXMLPart xmlPart = document.CustomXMLParts.Add(XML:= "")
xmlPart.DocumentElement.AppendChildNode(_ "xmlPart", uri,
MsoCustomXMLNodeType.msoCustomXMLNodeElement, _ "data1.xml")
- D. Dim control As ContentControl control = document.ContentControls.Add(_ WdContentControlType.wdContentControlText, range) control.XMLMapping.SetMapping(_ "/data1.xml", "", document.CustomXMLParts(1))

Answer: A

Question: 7

You are creating a document-level solution for Microsoft Office Word 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). The customization contains a predefined schema to validate the data that users add. The path to the schema is stored in a variable named filename. The Unique Resource Identifier (URI) for the schema is stored in a variable named uri. The alias for the schema is stored in a variable named alias. You need to ensure that the schema that the user selects is applied to the solution document. Which code segment should you use?

- A. Me.XMLNodes.Add (filename, "", uri)
- B. Me.Application.XMLNamespaces.Add (filename, uri , [alias], True)
- C. Me.XMLSchemaReferences.Add (uri , [alias], filename, True)
- D. Dim doc As ThisDocument = Globals.ThisDocument
Me.Application.XMLNamespaces.Item(uri). _
AttachToDocument(doc)

Answer: C

Question: 8

You create an application by using Visual Studio Tools for the Microsoft Office System (VSTO). The application modifies a Microsoft Office Excel custom workbook. The custom workbook displays the data that is contained in an XML file named Salesorder.xml. The Salesorder.xml file uses an XML schema that is stored in a file named Salesorder.xsd. Both the Salesorder.xml file and the Salesorder.xsd file are located in the C:\Data folder. You need to ensure that the data in the Salesorder.xml file is available for mapping. Which code segment should you use?

- A. Dim map As Excel.XmlMap = _ Me.XmlMaps.Add ("C:\Data\Salesorder.xsd", "Root")
Me.XmlImport ("C:\Data\Salesorder.xml", map, _ True, Globals.Sheet1.Range("A1"))
- B. Dim map As Excel.XmlMap = _ Me.XmlMaps.Add ("C:\Data\Salesorder.xml", "Root")
Me.XmlImport ("C:\Data\Salesorder.xsd", map, _ False, Globals.Sheet1.Range("A1"))
- C. Dim map As Excel.XmlMap = _ Me.XmlMaps.Add ("C:\Data\Salesorder.xsd", "Root")
Me.XmlImportXml ("C:\Data\Salesorder.xml", map, _ True, Globals.Sheet1.Range("A1"))
- D. Dim map As Excel.XmlMap = _ Me.XmlMaps.Add ("C:\Data\Salesorder.xml", "Root")
Me.XmlImportXml ("C:\Data\Salesorder.xsd", map, _ False, Globals.Sheet1.Range("A1"))

Answer: A

Question: 9

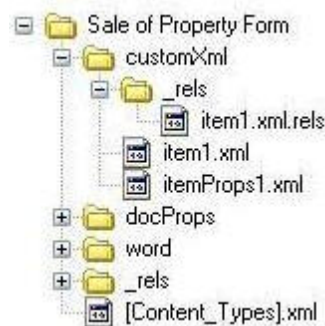
You create a custom template for Microsoft Office Word 2007 by using Visual Studio Tools for the Microsoft Office System (VSTO). You add a content control to the custom template. The content control is a placeholder for the first paragraph in the documents that use the custom template. You need to ensure that the users can edit the first paragraph but cannot delete it. Which code segment should you use?

- A. Control.LockContentControl = True control.LockContents = False
- B. Control.LockContentControl = True control.LockContents = True
- C. Control.LockContentControl = False control.LockContents = True
- D. Control.LockContentControl = False control.LockContents = False

Answer: A

Question: 10

You create a Microsoft Office Word 2007 document. The OpenXML package for the document is shown in the exhibit. (Click the Exhibit button.) You create an XML file named item2.xml. The item2.xml file uses the same schema as the item1.xml file. You add the item2.xml file to the OpenXML package. You need to ensure that the document uses data from the item2.xml file instead of the item1.xml file. What should you do?



- A. Delete the item1.xml file.
- B. Delete the itemProps1.xml file.
- C. Create a file named itemProps2.xml that marks the item2.xml file as a data store.
- D. Create a file named item2.xml.rels that creates a relationship between the item2.xml file and the itemProps1.xml file.

Answer: D

Question: 11

You are creating a document-level solution for Microsoft Office Word 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). The solution document refers to the following bugs: bug123 Bug514 BUG512 The solution document must provide more details about a bug whenever a reference to the bug is found in the document. You need to create a smart tag that identifies each bug. Which code segment should you use?

- A. `Dim tag As SmartTag = New SmartTag _ ("http: // MySmartTag/ST#BugRecognizer", "Bug Recognizer") Dim regex As Regex = _ New Regex("bug\d\d\d", RegexOptions.IgnoreCase) tag.Expressions.Add(regex)`
- B. `Dim tag As SmartTag = New SmartTag _ ("http: // MySmartTag/ST#BugRecognizer", "Bug Recognizer") Dim regex As Regex = New Regex("[B|b][U|u][G|g]000") tag.Expressions.Add(regex)`
- C. `Dim tag As SmartTag = New SmartTag _ ("http: // MySmartTag/ST#BugRecognizer", "Bug Recognizer") tag.Terms.Add("bug\d\d\d")`
- D. `Dim tag As SmartTag = New SmartTag _ ("http: // MySmartTag/ST#BugRecognizer", "Bug Recognizer") tag.Terms.Add("[B|b][U|u][G|g]000")`

Answer: A

Question: 12

You create a document-level solution for Microsoft Office Word 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). You create a user control named MyUserControl. You write the following code segment for your document class. (Line numbers are included for reference only.) 01 Private Sub ThisDocument_Startup _ (ByVal sender As Object, ByVal e As System.EventArgs) 02 Dim uc As MyUserControl = New MyUserControl() 03 ... 04 End Sub You need to display userControl in the actions pane. Which code segment should you insert at line 03?

- A. `Me.ActionsPane.Controls.AddRange _ (New Control() {uc, New MyUserControl()})`
- B. `Me.ActionsPane.Controls.Add(uc)`
- C. `Me.Controls.AddControl(uc, 100, 100, 100, "Action s Pane")`
- D. `Me.ActionsPane.Parent.Controls.Add(uc)`

Answer: B

Question: 13

You are creating a document-level solution for Microsoft Office Word 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). You write the following lines of code in the solution. `Dim tag As SmartTag = New _`

SmartTag("http:// MySmartTag/ST#MySmartTag", "My Tag") tag.Terms.Add("Bug") tag.Terms.Add("Error") tag.Terms.Add("Issue") Dim action As Action = New Action("Add Reference") tag.Actions = New ActionBase() {action} AddHandler action.Click, AddressOf Me.action_Click You need to add the string "Reference: " before either "Bug", "Error", or "Issue" when the smart tag is clicked. Which code segment should you use?

A. Private Sub action_Click (_ ByVal sender As Object, ByVal e As EventArgs)
e.Range.Text = "Reference: " & e.Text End Sub

B. Private Sub action_Click (_ ByVal sender As Object, ByVal e As EventArgs)
e.Range.Text = "Reference: " & e.Range.XML (False).ToString() End Sub

C. Private Sub action_Click (_ ByVal sender As Object, ByVal e As EventArgs)
e.Range.Text = "Reference: " & e.Properties.Read ("Text") End Sub

D. Private Sub action_Click (_ ByVal sender As Object, ByVal e As EventArgs)
e.Properties.Write (e.Range.Text , "Reference: " & e.Range.Text) End Sub

Answer: A

Question: 14

You develop a document-level solution for Microsoft Office Excel 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). You write the following lines of code in the worksheet class. Private Sub Handle_Change (ByVal Target As Excel .Range) ... End Sub You need to ensure that the Handle_Change method runs only when the data in the range A1 through E5 changes. Which code segment should you add to the Startup event of the worksheet class?

A. Dim rng As Excel.Range = Me.Range ("A1", "E5") Dim rng1 As
Microsoft.Office.Tools.Excel.NamedRange = _ Me.Controls.AddNamedRange (rng , " MyRange
) AddHandler rng1.Change, AddressOf Me.Handle_Change

B. Dim rng As Excel.Range = Me.Range ("A1", "E5") Dim rng1 As
Microsoft.Office.Tools.Excel.NamedRange = _ Me.Controls.AddNamedRange (rng , " MyRange
) AddHandler rng1.SelectionChange, AddressOf Me.Handle_Change

C. Dim rng As Excel.Range = Me.Range ("A1", "E5") AddHandler Change, AddressOf
Me.Handle_Change

D. Dim rng As Excel.Range = Me.Range ("A1", "E5") AddHandler SelectionChange , AddressOf
Me.Handle_Change

Answer: A

Question: 15

You are creating a document-level solution for Microsoft Office Word 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO).

The solution must meet the following requirements: The solution must save the document. The users who do not have Microsoft VSTO Runtime installed can open the document. You need to ensure that the solution meets the requirements. Which code segment should you use?

- A. Me.RemoveTheme () Me.Save ()
- B. Me.RemoveCustomization () Me.Save ()
- C. Me.RejectAllRevisionsShown () Me.Save ()
- D. Me.ReloadAs (Microsoft.Office.Core.MsoEncoding . _ msoEncodingAutoDetect) Me.Save ()

Answer: B

Question: 16

You create a document-level solution by using Visual Studio Tools for the Microsoft Office System (VSTO). The solution uses an assembly named MyAssembly. MyAssembly is located in the C:\Assemblies\ folder. A Microsoft Office Word 2003 document named MyWordDocument is located in the C:\Documents\ folder. You need to associate MyAssembly with MyWordDocument if managed extensions are enabled in MyWordDocument. Which code segment should you use?

- A. Dim document As String = "C:\Documents\MyWordDocument.doc" Dim assembly As String = "C:\Assemblies\MyAssembly.dll" If ServerDocument.IsCustomized (document) Then 'Add document customization End If
- B. Dim document As String = "C:\Documents\MyWordDocument.doc" Dim assembly As String = "C:\Assemblies\MyAssembly.dll" If ServerDocument.IsCacheEnabled (document) Then 'Add document customization End If
- C. Dim document As String = "C:\Documents\MyWordDocument.doc" Dim assembly As String = "C:\Assemblies\MyAssembly.dll" If ServerDocument.IsCustomized (assembly) Then 'Add document customization End If
- D. Dim document As String = "C:\Documents\MyWordDocument.doc" Dim assembly As String = "C:\Assemblies\MyAssembly.dll" If ServerDocument.IsCacheEnabled (assembly) Then 'Add document customization End If

Answer: A

Question: 17

You are creating a document-level solution for Microsoft Office Excel 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). The customized workbook contains five worksheets. You add a LinkLabel control named Label to the first worksheet of the workbook. You need to create a LinkClicked event handler that displays the next worksheet in the workbook. Which code segment should you use?

- A. Private Sub Label_LinkClicked(ByVal sender As Object, _ ByVal e As LinkLabelLinkClickedEventArgs) Dim book As Excel.Workbook = CType(Me.Site, Excel.Workbook) Dim sheet As Excel.Worksheet = _ CType(book.Sheets((Me.Index + 1)), Excel.Worksheet) sheet.Activate() End Sub
- B. Private Sub Label_LinkClicked(ByVal sender As Object, _ ByVal e As LinkLabelLinkClickedEventArgs) Dim book As Excel.Workbook = CType(Me.Parent, Excel.Workbook) Dim sheet As Excel.Worksheet = _ CType(book.Sheets((Me.Index + 1)), Excel.Worksheet) sheet.Activate() End Sub
- C. Private Sub Label_LinkClicked(ByVal sender As Object, _ ByVal e As LinkLabelLinkClickedEventArgs)

```

Dim book As Excel.Workbook = CType(Me.Site, Excel.Workbook) Dim sheet As
Excel.Worksheet = _ CType(book.Sheets((Me.Index + 1)), Excel.Worksheet)
sheet.ShowAllData() End Sub
D. Private Sub Label_LinkClicked(ByVal sender As Object, _ ByVal e As
LinkLabelLinkClickedEventArgs) Dim book As Excel.Workbook = CType(Me.Parent,
Excel.Workbook) Dim sheet As Excel.Worksheet = _ CType(book.Sheets((Me.Index +
1)), Excel.Worksheet) sheet.ShowAllData() End Sub

```

Answer: B

Question: 18

You create a document-level solution for Microsoft Office Excel 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). The customized workbook contains a NamedRange control named MyRange. MyRange is associated with cell D1. You need to change MyRange to use the cells A1 and B1. Which code segment should you use?

- A. MyRange.Formula = "=\$A\$1:\$B\$1"
- B. MyRange.RefersTo = "=\$A\$1:\$B\$1"
- C. MyRange.RefersTo = "A1:B1"
- D. MyRange.Formula = "A1:B1"

Answer: B

Question: 19

You create a document-level solution for Microsoft Office Excel 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). The customized worksheet must have a button in a cell of the first row and the first column. The button must be automatically resized when the cell is resized. You need to create a button that meets the requirements. Which code segment should you use?

- A. Dim button As Button = _ Me.Controls.AddButton (1, 1, 0, 0, " MyButton ") button.Dock = DockStyle.Fill
- B. Dim button As Button = _ Me.Controls.AddButton (1, 1, 1, 1, " MyButton ") button.Dock = DockStyle.None
- C. Dim rng As Excel.Range = Me.Range ("A", "1") Me.Controls.AddButton (rng , " MyButton ")
- D. Dim rng As Excel.Range = Me.Range ("A1") Me.Controls.AddButton (rng , " MyButton ")

Answer: D

Question: 20

You create a document-level solution for Microsoft Office Word 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). The actions pane of the solution document contains two user controls. The user controls must be displayed in the following ways: In a horizontal display, the controls must be placed next to each other. In a vertical display, the controls must be placed one below the other. You need to ensure that the solution meets the requirements. Which code segment should you use?

- A. Private Sub ActionsPane_OrientationChanged _ (ByVal sender As Object, ByVal e As EventArgs) If Me.ActionsPane.Orientation = Orientation.Horizontal Then Me.ActionsPane.StackOrder = _ Microsoft.Office.Tools.StackStyle.FromLeft Else Me.ActionsPane.StackOrder = _ Microsoft.Office.Tools.StackStyle.FromTop End If End Sub

```
B. Private Sub ActionsPane_OrientationChanged _ ( ByVal sender As Object, ByVal e As
EventArgs) If Me.ActionsPane.Orientation = Orientation.Horizontal Then
Me.ActionsPane.Controls(1).Dock = DockStyle.Left Me.ActionsPane.Controls(1).Dock =
DockStyle.Right Else Me.ActionsPane.Controls(1).Dock = DockStyle.Top
Me.ActionsPane.Controls(1).Dock = DockStyle.Bottom End If End Sub
```

```
C. Private Sub ActionsPane_OrientationChanged _ (ByVal sender As Object, ByVal e As
EventArgs) If Me.ActionsPane.Orientation = Orientation.Horizontal Then
Me.ActionsPane.Dock = DockStyle.Left Else Me.ActionsPane.StackOrder =
DockStyle.Top End If End Sub
```

```
D. Private Sub ActionsPane_OrientationChanged _ (ByVal sender As Object, ByVal e As
EventArgs) If Me.ActionsPane.Orientation = Orientation.Horizontal Then
Me.ActionsPane.Controls(1).Anchor = AnchorStyles.Left Me.ActionsPane.Controls(1).Anchor =
AnchorStyles.Right Else Me.ActionsPane.Controls(1).Anchor = AnchorStyles.Top
Me.ActionsPane.Controls(1).Anchor = AnchorStyles.Bottom End If End Sub
```

Answer: A

Question: 21

You are creating a document-level solution for Microsoft Office Word 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). The document is customized to add a toolbar with custom functionality. You write the following lines of code in the Startup event of the ThisDocument class. Dim toolbar As Office.CommandBar = Me.Application . _ CommandBars.Add (Name:=" MyToolBar ", _ Position:= Office.MsoBarPosition.msoBarTop , Temporary:=False) Dim button As Office.CommandBarButton = _ CType (toolbar.Controls.Add (_ Type:= Office.MsoControlType.msoControlButton , _ Temporary:=False), Office.CommandBarButton) Dim btnClick As _ Office._CommandBarButtonEvents_ClickEventHandler = _ AddressOf Me.button_Click AddHandler button.Click , AddressOf Me.button_Click The event handler for the button does not execute every time CommandBarButton is clicked. You need to ensure that the event handler executes every time CommandBarButton is clicked. What should you do?

- A. Set the Enabled property of the CommandBarButton button object to True.
- B. Set the OnAction property of the CommandBarButton button object to Click.
- C. Change the scope of the CommandBarButton button variable to a class-scoped variable.
- D. Change the scope of the . _CommandBarButtonEvents_ClickEventHandler delegate btnClick variable to a class-scoped variable.

Answer: C

Question: 22

You create a document-level solution for Microsoft Office Excel 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). You add the following method to the workbook class. Private Sub NotifyChanges _ (ByVal Sh As Object, ByVal Target As Excel.Range)

'Notify changes End Sub You need to set up an event handler that fires NotifyChanges only when the data in the current workbook changes. Which code segment should you use?

- A. AddHandler Globals.ThisWorkbook.SheetSelectionChange, _ AddressOf Me.NotifyChanges
- B. AddHandler Globals.ThisWorkbook.SheetChange, _ AddressOf Me.NotifyChanges
- C. AddHandler Globals.ThisWorkbook.Application.SheetChange, _ AddressOf Me.NotifyChanges
- D. AddHandler Globals.ThisWorkbook.Application. _ SheetSelectionChange, AddressOf Me.NotifyChanges

Answer: B

Question: 23

You are creating an application for Microsoft Office Word by using Visual Studio Tools for the Microsoft Office System (VSTO). The application will contain a namespace named WordAddInNS. WordAddInNS will contain the following items: a class named WordExcellIsland a method named GetDataIsland a typed dataset class named WSS_DataSet You write the following lines of code. (Line numbers are included for reference only.)

```
01 Private Sub GetDataIsland(ByVal DocPath As String) 02 Dim  
sd As ServerDocument = New ServerDocument(DocPath) 03 Dim  
HC As CachedDataHostItemCollection = _ 04  
sd.CachedData.HostItems 05 If HC.Count > 0 AndAlso _ 06 ... 07  
End If 08 End Sub
```

You need to load all the data islands of the WSS_DataSet class from the local document cache. Which code segment should you insert at line 06?

- A. HC("WordAddInNS.WordExcellIsland").CachedData.Contains _ ("WSS_DataSet") Then
- B. HC("WordAddInNS.WordExcellIsland").CachedData.Contains _ ("WordAddInNS.WSS_DataSet") Then
- C. HC("WordAddInNS.WordExcellIsland").Equals("WSS_DataSet") Then
- D. HC("WordAddInNS.WordExcellIsland").Equals _ ("WordAddInNS.WSS_DataSet") Then

Answer: A

Question: 24

You are creating a document-level solution for Microsoft Office Word 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). The solution will insert an XML data island in a Word document. The data island contains the following XML fragment. < customer id="01AF" > < region district="Northwest" > < /region > < /customer >

You bind the data island to an XMLNode instance named xln.
You need to update the region element with the following data.

```
< customer id="01AF" > < region  
district="Southwest" > California < /region > <  
/customer >
```

Which code segment should you use?

- A. If xln.ParentNode.NodeValue = "customer" _ AndAlso xln.NodeText = "Northwest" Then
xln.NodeText = "Southwest" xln.ChildNodes (1).Text = " California " End If
- B. If xln.ParentNode.NodeValue = "customer" _ AndAlso xln.NodeValue (0). CompareTo
("Northwest") = 0 Then xln.NodeText = " California " xln.ChildNodes (1).Text =
"Southwest" End If
- C. If xln.ChildNodes (0).Text = "customer" _ AndAlso xln.NodeText = "Northwest" Then
xln.NodeText = "Southwest" xln.ChildNodes (1).Text = "California" End If
- D. If xln.ChildNodes (0).Text = "customer" _ AndAlso xln.NodeValue (0). CompareTo
("Northwest") = 0 Then xln.NodeText = " California " xln.ChildNodes (1).Text =
"Southwest" End If

Answer: A

Question: 25

You are creating an add-in project for Microsoft Office by using Visual Studio Tools for the Microsoft Office System (VSTO). You create a data source named ContactRef from a class in an assembly. The author digitally signs a new version of the assembly. You need to ensure that the add-in can load a new version of the assembly. What should you do?

- A. Add a PublicKeyToken element to the ContactRef.datasource file.
- B. Add a PublicKeyToken attribute to the ContactRef.datasource file.
- C. Add the public key token to the TypeInfo element in the ContactRef.datasource file.
- D. Add the public key token to the GenericObjectDataSource element in the ContactRef.datasource file.

Answer: B

Question: 26

You are creating an add-in for Microsoft Office Word by using Visual Studio Tools for the Microsoft Office System (VSTO). The add-in will display data from a Web service named Service1. Service1 runs on a server named LONDON. The Web service contains a method named GetCustomers that returns a DataSet object. You need to bind the data returned by the GetCustomers method to a DataSet object named ds. Which code segment should you use?

- A. Dim lh As LONDON.Service1 = New LONDON.Service1() Dim ds As DataSet = New DataSet()
ds.DataSetName = lh.GetCustomers.GetXml()
- B. Dim ds As DataSet = New DataSet() Dim mappings As ArrayList = New ArrayList()
LONDON.Service1.GenerateXmlMappings(_ ds.GetType(), mappings)
- C. Dim lh As LONDON.Service1 = New LONDON.Service1() Dim ds As DataSet
= lh.GetCustomers()
- D. Dim lh As LONDON.Service1 = New LONDON.Service1() Dim ds As DataSet = New
DataSet() ds.GetXml()

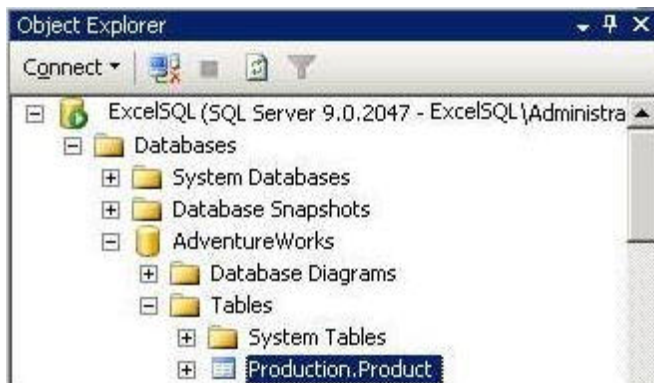
Answer: C

Question: 27

You are creating an add-in for Microsoft Office Excel by using Visual Studio Tools for the Microsoft Office System (VSTO). The add-in must connect to a remote database to retrieve data. The structure of the remote database is shown in the exhibit. (Click the Exhibit button.) You write the following lines of code. (Line numbers are included for reference only.)

```
01 Partial Friend NotInheritable Class Settings
02 Inherits
System.Configuration.ApplicationSettingsBase
03 <
System.Configuration.SpecialSettingAttribute ( _
04
System.Configuration.SpecialSetting.ConnectionString )>
05 ...
06 Public ReadOnly Property ExcelSQLConnectionString () _ As
String
07 Get
08 Return Convert.ToString (Me("
ExcelSQLConnectionString "))
09 End Get
10 End Property
11
End Class
```

You need to connect to the remote database by using the security context of the current user. Which code segment should you insert at line 05?



A. < System.Configuration.DefaultSettingValueAttribute (_ "Data Source= EXCELSQL;Initial Catalog= AdventureWorks ;" & _ "Integrated Security=True")> _

B. < System.Configuration.DefaultSettingValueAttribute (_ "Data Source= EXCELSQL.AdventureWorks ;" & _ "Initial Catalog= Production;Integrated Security=True")> _

C. < System.Configuration.DefaultSettingValueAttribute (_ "Data Source= EXCELSQL.AdventureWorks ;" & _ "Initial Catalog= Product;Integrated Security=True")> _

D. < System.Configuration.DefaultSettingValueAttribute (_ "Data Source= EXCELSQL ;InitialCatalog = AdventureWorks ." & _ " Production.Product;Integrated Security=True")> _

Answer: A

Question: 28

You are creating an add-in for Microsoft Office Word by using Visual Studio Tools for the Microsoft Office System (VSTO). You create the following objects in the add-in: a DataSource object named ExpenseBindingSource

a TableAdaptor object named ExpenseTableAdapter a DataSet object named ExpenseData a CachedDataItem object named DI The ExpenseData object contains a table named Expenses. The DI object contains a data island of the ExpenseData object. You need to ensure that any changes in the content of the DI object are updated in the Expenses table. Which code segment should you use?

- A. Dim schemaReader As System.IO.StringReader = _ New
System.IO.StringReader(DI.Schema) Dim xmlReader As System.IO.StringReader = _
New System.IO.StringReader(DI.Xml) ExpenseData.ReadXmlSchema(schemaReader)
ExpenseData.ReadXml(xmlReader) ... ExpenseBindingSource.Add(ExpenseData)
ExpenseTableAdapter.Update(ExpenseData.Expense)
- B. Dim schemaReader As System.IO.StringReader = _ New
System.IO.StringReader(DI.Schema) Dim xmlReader As System.IO.StringReader = _
New System.IO.StringReader(DI.Xml) ExpenseData.ReadXmlSchema(schemaReader)
ExpenseData.ReadXml(xmlReader) ... ExpenseBindingSource.EndEdit()
ExpenseTableAdapter.Update(ExpenseData.Expense)
- C. Dim XMLR As XmlReader = _ XmlReader.Create("books.xml", settings)
XMLR.ReadStartElement(DI.Schema) XMLR.ReadValueChunk(DI.Xml.ToCharArray(), 0,
DI.Xml.Length) ExpenseData.ReadXmlSchema(XMLR.NamespaceURI)
ExpenseData.ReadXml(XMLR.Value(0).ToString()) ...
ExpenseBindingSource.Add(ExpenseData)
ExpenseTableAdapter.Update(ExpenseData.Expense)
- D. Dim XMLR As XmlReader = _ XmlReader.Create("books.xml", settings)
XMLR.ReadStartElement(DI.Schema) XMLR.ReadValueChunk(DI.Xml.ToCharArray(), 0,
DI.Xml.Length) ExpenseData.ReadXmlSchema(XMLR.NamespaceURI)
ExpenseData.ReadXml(XMLR.Value(0).ToString()) ... ExpenseBindingSource.EndEdit()
ExpenseTableAdapter.Update(ExpenseData.Expense)

Answer: B

Question: 29

You are creating a document-level solution for Microsoft Office Word 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). The solution contains a DataRow named custrow. A serialization of custrow contains the following XML fragment. < ClientProjects > ... < description > Upgrade from Windows XP < /description > ... < / ClientProjects > The solution will create an XmlNode control named ProjectDescriptionNode in a Word document.

You need to ensure that the text in the description element is displayed as unformatted text. Which code fragment should you use?

- A. ProjectDescriptionNode.NodeText = _ custrow("description").ToString()
- B. ProjectDescriptionNode.Text = _ custrow("description").ToString()
- C. ProjectDescriptionNode.PlaceholderText = _ custrow("description").ToString()
- D. ProjectDescriptionNode.NodeValue = _ custrow("description").ToString()

Answer: A

Question: 30

You are creating an add-in by using Visual Studio Tools for the Microsoft Office System (VSTO). You write the following method. (Line numbers are included for reference only.)

```
01 Private Sub ExportDocumentCache ( ByVal path As String)
02 ... 03 End Sub
```

You need to ensure that the add-in saves each item in the document cache of a document to an independent XML file that is named for the item. Which code segment should you insert at line 02?

A. Dim sd As ServerDocument = New ServerDocument (path) Dim D As CachedDataHostItem = _sd.CachedData.HostItems (" DocumentCache ") For Each CDI As CachedDataItem In D.CachedData Dim sw As StreamWriter = _ File.CreateText (path & CDI.Id & ".xml") sw.WriteLine (CDI.Xml) sw.Close () Next

B. Dim sd As ServerDocument = New ServerDocument (path) Dim D As CachedDataHostItem = _sd.CachedData.HostItems (" DocumentCache ") For Each CDI As CachedDataItem In D.CachedData Dim sw As StreamWriter = _ File.CreateText (path & CDI.Id & ".xml") sw.WriteLine (CDI.DataType.ToString ()) sw.Close () Next

C. Dim sd As ServerDocument = New ServerDocument (path) For i As Integer = 1 To sd.CachedData.HostItems.Count Dim sw As StreamWriter = _ File.CreateText (path & sd.CachedData.HostItems (i).Id & _ ".xml") sw.WriteLine (sd.CachedData.HostItems (i).CachedData (i).Xml) sw.Close () Next

D. Dim sd As ServerDocument = New ServerDocument (path) For i As Integer = 1 To sd.CachedData.HostItems.Count Dim sw As StreamWriter = _ File.CreateText (path & sd.CachedData.HostItems (i).Id & _ ".xml") sw.WriteLine (sd.CachedData.HostItems (i). _CachedData (i). DataType.ToString ()) sw.Close () Next

Answer: A

Question: 31

You are creating an application by using Visual Studio Tools for the Microsoft Office System (VSTO). The application contains the following objects:

a DataSet object named OrderData a
ServerDocument object named sd1

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

```
01 Dim stringIn As System.Text.StringBuilder = _
New System.Text.StringBuilder () 02 Dim
stringOut As System.IO.StringWriter = _ New
System.IO.StringWriter ( stringIn ) 03 ...
```

04 sd1.Save()

You need to store the contents of the OrderData object in the document cache for offline use. Which code segment should you insert at line 03?

- A. OrderData.WriteXml (stringOut , XmlWriteMode.IgnoreSchema) orderdataitem.Xml = stringIn.ToString ()
- B. OrderData.WriteXml (stringOut , XmlWriteMode.IgnoreSchema) orderdataitem.Schema = stringIn.ToString ()
- C. OrderData.WriteXml (stringOut , XmlWriteMode.WriteSchema) orderdataitem.Xml = stringIn.ToString ()
- D. OrderData.WriteXml (stringOut , XmlWriteMode.WriteSchema) orderdataitem.Schema = stringIn.ToString ()

Answer: A

Question: 32

You create a document-level solution for Microsoft Office Excel 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). The solution creates a NamedRange control named XLNRange in an Excel worksheet. The range contains cells A1 through B3. You bind the XLNRange control to a data table named FactResellerSales by using the Data Source Configuration Wizard. You need to synchronize the FactResellerSales table with the changes that are made to the data in the XLNRange control. Which code segment should you use?

- A. Me.Validate () Me.FactResellerSalesBindingSource.EndEdit ()
Me.FactResellerSalesBindingSource.Insert _ (0,
AdventureWorksDWDDataSet.FactResellerSales)
- B. Me.Validate () Me.FactResellerSalesBindingSource.EndEdit ()
Me.FactResellerSalesTableAdapter.Update _ (
AdventureWorksDWDDataSet.FactResellerSales)
- C. XLNRange.Merge (Me.Range ("A1", "B3"))
- D. XLNRange.AutoFill (Me.Range ("A1", "B3"), _ Excel.XIAutoFillType.xlFillDefault)

Answer: B

Question: 33

You create a document-level solution for Microsoft Office Excel 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). The Excel workbook contains a worksheet object named Sheet1 that contains data in the range A1 through A5. You write the following lines of code for the Sheet1 object. (Line numbers are included for reference only.)

```
01 Dim bMark As Word.Bookmark 02 Dim doc As  
Word.Document = New Word.Application() ... 03 Dim index As  
Object = 1 04 Dim bMark As Word.Bookmark = do  
c.Bookmarks.Item(index) 05 ...
```

You need to insert the data from the range A1 through A5 into a Microsoft Office Word document after bMark. Your solution must retain the sequence of the data that is inserted. Which code segment should you insert at line 05?

- A. Dim rng As Excel.Range = Me.Range("A1", "A5") For Each r As Excel.Range In rng.Cells
bMark.Range.InsertAfter(r.Value2.ToString()) Next

B. Dim rng As Excel.Range = Me.Range("A2", "A5") bMark.Range.Text = Me.Range("A1").Value2.ToString() For Each r As Excel.Range In rng.Rows bMark.Range.InsertAfter(r.Value2.ToString()) Next

C. Dim rng As Excel.Range = Me.Range("A1", "A5") Dim temp As String = "" For Each r As Excel.Range In rng.Cells temp = temp & r.Value2.ToString() Next bMark.Range.InsertAfter(temp)

D. Dim rng As Excel.Range = Me.Range("A1", "A5") Dim temp As String = "" For Each r As Excel.Range In rng.Rows temp = temp & r.Text.ToString() Next bMark.Range.Text = temp

Answer: C

Question: 34

You are creating a customized Microsoft Office Excel workbook by using them Visual Studio Tools for the Microsoft Office System (VSTO). The data in the Excel workbook will be used to update a Microsoft Office Word report named MyDoc.doc. The MyDoc.doc report is located in the C:\ folder. You need to retrieve a Document object that sends updates from the Excel workbook to the Mydoc.doc report. Which code segment should you use?

A. Dim app As Word.Application = New Word.Application() Dim filename As Object = "C:\MyDoc.doc" Dim doc As Word.Document = _
app.Documents.Open(FileName:=filename)

B. Dim app As Word.Application = New Word.Application() Dim filename As Object = "C:\MyDoc.doc" Dim temp As Object = Nothing
app.Documents.Open(FileName:=filename, ConfirmConversions:=temp) Dim doc As Word.Document = CType(temp, Word.Document)

C. Dim app As Word.Application = New Word.Application() Dim filename As Object = "C:\MyDoc.doc" Dim action As Object = "Open" Dim doc As Word.Document = _
app.Documents.Add(Template:=filename, NewTemplate:=action)

D. Dim app As Word.Application = New Word.Application() Dim filename As Object = "C:\MyDoc.doc" Dim temp As Object = app.Documents.Open(FileName:=filename) Dim doc As Word.Document = app.Documents.Add(temp)

Answer: A

Question: 35

You create an add-in for Microsoft Office Word 2007 by using Visual Studio Tools for the Microsoft Office System (VSTO). The add-in contains code that customizes the Ribbon user interface (UI). You run the add-in. The add-in does not customize the Ribbon UI and does not display an exception. You need to display the exceptions in the user interface of the add-in when the add-in starts. What should you do?

A. In the Configuration Manager dialog box for the add-in project, set Active Configuration to Debug.

B. Under the Word 2007 options, select the Show add-in user interface errors check box.

C. Add a new application configuration file to your project by using the following XML fragment. < configuration > < appSettings > < add key="Debug" value="True"/ > < /appSettings > < /configuration >

D. Add a new application configuration file to your project by using the following XML fragment. < configuration > < appSettings > < add key="ShowErrors" value="True"/ > < /appSettings > < /configuration >

Answer: B

Question: 36

You are creating an add-in for Microsoft Office Word by using Visual Studio Tools for the Microsoft Office System (VSTO). You write the following lines of code. (Line numbers are included for reference only.)

```
01 Try
02 Dim par As Word.Paragraph = _
Me.Application.ActiveDocument.Paragraphs (2)
03 par.Range.Text = ""
04 ...
```

The application throws an exception if the active Word document does not contain a second paragraph. You need to handle the exception. Which code segment should you insert at line 04?

- A. Catch ex As COMException ... End Try
- B. Catch ex As IndexOutOfRangeException ... End Try
- C. Catch ex As IOException ... End Try
- D. Catch ex As InvalidRangeException ... End Try

Answer: A

Question: 37

You create an add-in for Microsoft Office Excel by using Visual Studio Tools for the Microsoft Office System (VSTO). You create the following method in the add-in. Private Sub DisplayTotal(ByVal rng As Excel.Range) 'Display total End Sub You write the following code segment in the startup event of the add-in. Dim ws As Excel.Worksheet = CType _ (Globals.ThisAddIn.Application.ActiveSheet, Excel.Worksheet) AddHandler ws.SelectionChange, AddressOf Me.ws_SelectionChange The add-in must display the sum of the values in a selected range. If multiple ranges are selected, the add-in must display only the sum of the values in the first selected range. You need to meet the outlined requirements. Which code segment should you use?

- A. Private Overloads Sub ws_SelectionChange _ (ByVal Target As Excel.Range) DisplayTotal(Target.Areas(0)) End Sub
- B. Private Overloads Sub ws_SelectionChange _ (ByVal Target As Excel.Range) DisplayTotal(Target.Previous) End Sub
- C. Private Overloads Sub ws_SelectionChange _ (ByVal Target As Excel.Range) DisplayTotal(Target.Areas(1)) End Sub
- D. Private Overloads Sub ws_SelectionChange _ (ByVal Target As Excel.Range) DisplayTotal(Target.CurrentRegion) End Sub

Answer: C

Question: 38

You create an add-in for Microsoft Office Excel 2007 by using Visual Studio Tools for the Microsoft Office System (VSTO). The add-in has a custom task pane named MyPane.

MyPane contains a user control named MyUserControl. You write the following method that resizes MyUserControl. Public Sub ResizeControls () ... End Sub You need to call the ResizeControls method when MyPane is not docked to the Excel 2007 application window. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. Write the following line of code in the Startup event for the add-in. AddHandler MyPane.DockPositionChanged , AddressOf Me.DockChanged
- B. Write the following line of code in the Startup event for the add-in. AddHandler MyPane.Control.DockChanged , AddressOf Me.DockChanged
- C. Add the following method to the add-in. Private Sub DockChanged (ByVal sender As Object, _ ByVal e As EventArgs) If MyPane.Control.Dock = DockStyle.None Then ResizeControls () End If End Sub
- D. Add the following method to the add-in. Private Sub DockChanged (ByVal sender As Object, _ ByVal e As EventArgs) If MyPane.DockPosition = _ MsoCTPDockPosition.msoCTPDockPositionFloating Then ResizeControls () End If End Sub

Answer: A, D

Question: 39

You are creating an add-in for Microsoft Office Excel 2007 by using Visual Studio Tools for the Microsoft Office System (VSTO). You write the following code segment for the add-in class. Dim pane As Microsoft.Office.Tools.CustomTaskPane Private Sub CreatePane () Pane = Me.CustomTaskPanes.Add (New MyUserControl (), _ "Do Something") pane.Visible = True End Sub Users must open multiple workbooks in Excel.

You need to ensure that the add-in displays the same instance of the task pane when a user views any of the open workbooks. What should you do?

- A. Create the following event handler for the ThisAddIn.Startup event. Private Sub ThisAddIn_Startup _ (ByVal sender As Object, ByVal e As System.EventArgs) CreatePane () End Sub
- B. Create the following event handler for the Application.WorkbookOpen event. Private Sub Application_WorkbookOpen (ByVal Wb As Excel.Workbook) CreatePane () End Sub
- C. Create the following event handler for the Application.WorkbookActivate event. Private Sub Application_WorkbookActivate _ (ByVal Wb As Excel.Workbook) CreatePane () End Sub
- D. Create the following event handler for the Application.WindowActivate event. Private Sub Application_WindowActivate _ (ByVal Wb As Excel.Workbook , ByVal Wn As Excel.Window) CreatePane () End Sub

Answer: A

You are creating an add-in for Microsoft Office Word 2007 by using Visual Studio Tools for the Microsoft Office System (VSTO). You customize the Ribbon user interface (UI). You add a Ribbon1.xml file to the add-in. You need to add a built-in save function to a custom tab in the Ribbon UI. Which XML fragment should you use?

- A. `<customUI xmlns="http://schemas.microsoft.com/office/2006/01/customui" xmlns:x="MyNamespace"> ... <button idQ="x:FileSave" /> ... </customUI>`
- B. `<customUI xmlns="http://schemas.microsoft.com/office/2006/01/customui" > ... <button tag="FileSave" /> ... </customUI>`
- C. `<customUI xmlns="http://schemas.microsoft.com/office/2006/01/customui" > ... <button idMso="FileSave" /> ... </customUI>`
- D. `<customUI xmlns="http://schemas.microsoft.com/office/2006/01/customui" > ... <button id="FileSave" /> ... </customUI>`

Answer: C

Question: 41

You are creating an add-in for Microsoft Office Outlook by using Visual Studio Tools for the Microsoft Office System (VSTO). You write the following lines of code. (Line numbers are included for reference only.)

```
01 Private folders As List(Of Outlook.MAPIFolder)
02 Private explorer As Outlook.Explorer
03 04 Public Sub CreateCollection()
05 explorer = Application.ActiveExplorer()
06 folders = New List(Of Outlook.MAPIFolder)
07 ProcessFolders(explorer.CurrentFolder)
08 End Sub
09 10 Public Sub ProcessFolders(ByVal folder As Outlook.MAPIFolder)
11 ...
12 End Sub
```

You need to ensure that the folders collection includes all the folders and subfolders within the selected Outlook folder. Which code segment should you insert at line 11?

- A. `For Each fldr As Outlook.MAPIFolder In folder.Folders folders.Add(fldr) Next`
- B. `For Each fldr As Outlook.MAPIFolder In folder.Folders ProcessFolders(fldr) Next`
- C. `For Each fldr As Outlook.MAPIFolder In folder.Folders folders.Add(fldr) ProcessFolders(fldr) Next`
- D. `Folders.AddRange(folder.Folders)`

Answer: C

Question: 42

You are creating an add-in for Microsoft Office Word 2007 by using Visual Studio Tools for the Microsoft Office System (VSTO). You write the following lines of code. Private pane As Microsoft.Office.Tools.CustomTaskPane Private Sub CreatePane ()

pane = Me.CustomTaskPanes.Add (New UserControl (), _ "Do Something") pane.Visible = True End Sub You need to ensure that only a single instance of the custom task pane is displayed in each single document interface (SDI) window. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. Create the following event handler for the ThisAddIn.Startup event. Private Sub ThisAddIn_Startup _ (ByVal sender As Object, ByVal e As System.EventArgs) CreatePane () End Sub
- B. Create the following event handler for the Application.DocumentOpen event. Private Sub Application_DocumentOpen (ByVal Doc As Word.Document) CreatePane () End Sub
- C. Create the following event handler for the Application.NewDocument event. Private Sub Application_DocumentNew (ByVal Doc As Word.Document) CreatePane () End Sub
- D. Create the following event handler for the Application.ActiveDocument.New event. Private Sub ActiveDocument_New () CreatePane () End Sub
- E. Create the following event handler for the Application.WindowActivate event. Private Sub Application_WindowActivate _ (ByVal Doc As Word.Document , ByVal Wn As Word.Window) CreatePane () End Sub

Answer: B, C

Question: 43

You are creating an add-in for Microsoft Office Excel by using Visual Studio Tools for the Microsoft Office System (VSTO). You write the following lines of code. (Line numbers are included for reference only.)

```
01 Private ws As Excel.Worksheet = CType _  
(Globals.ThisAddIn.Application.ActiveSheet, Excel.Worksheet)  
02 Private rng1 As Excel.Range = ws.Range("A1", "E5") 03  
Private rng2 As Excel.Range = ws.Range("D4", "J7") 04 ...
```

You need to change the format of the cells that overlap between rng1 and rng2 to bold. Which code segment should you insert at line 04?

- A. rng1.Merge(rng2) rng1.Font.Bold = True
- B. rng1.Group(rng2) rng1.Font.Bold = True
- C. Dim rng3 As Excel.Range = ws.Application.Union(rng1, rng2) rng3.Font.Bold = True
- D. Dim rng3 As Excel.Range = ws.Application.Intersect(rng1, rng2) rng3.Font.Bold = True

Answer: D

Question: 44

You develop an add-in for Microsoft Office Excel by using Visual Studio Tools for the Microsoft Office System (VSTO). The add-in contains a class that uses the following method. Public Sub ProcessCells () Dim ws As Excel.Worksheet = CType _ (Application.ActiveSheet , Excel.Worksheet) Dim values As List(Of Object) = New List(Of Object)() 'Your code goes here End Sub The add-in must retrieve the values for the cells in the range A1 through E3.

You need to exclude empty cell values when you retrieve cell values from the range.
Which code segment should you use?

- A. Dim rng As Excel.Range = ws.Range ("A1", "E3") For Each r As Excel.Range In rng.Cells If Not r Is Nothing Then values.Add (r.Value2) End If Next '...
- B. Dim rng As Excel.Range = ws.Range ("A1", "E3") For Each r As Excel.Range In rng.Cells If Not r.Value2 Is Nothing Then values.Add (r.Value2) End If Next '...
- C. Dim rng As Excel.Range = ws.Range ("A1", "E3") For x As Integer = 0 To 2 For y As Integer = 0 To 5 Dim r As Excel.Range = rng.Cells (x, y) If Not r.Value2 Is Nothing Then values.Add (r.Value2) End If Next Next '...
- D. Dim rng As Excel.Range = ws.Range ("A1", "E3") For x As Integer = 1 To 3 For y As Integer = 1 To 5 Dim r As Excel.Range = rng.Cells (x, y) If Not r Is Nothing Then values.Add (r.Value2) End If Next Next '...

Answer: B

Question: 45

You are creating an add-in for Microsoft Office Word 2007 by using Visual Studio Tools for the Microsoft Office System (VSTO). You write the following lines of code. Private Pane As Microsoft.Office.Tools.CustomTaskPane Private Sub ThisAddIn_Startup _ (ByVal sender As Object, ByVal e As System.EventArgs) Pane = Me.CustomTaskPanes.Add _ (New MyUserControl(), "Do Something") End Sub

You need to display the custom task pane when text is selected in a Word document.
What should you do?

- A. Create the following event handler for the Application.DocumentChange event. Private Sub Application_DocumentChange() Dim Doc As Word.Document = Application.ActiveDocument If Doc.Content.Text.Length > 0 Then Pane.Visible = False Else Pane.Visible = True End If End Sub
- B. Create the following event handler for the Pane.VisibleChanged event. Private Sub Pane_VisibleChanged _ (ByVal sender As Object, ByVal e As EventArgs) Dim Doc As Word.Document = Application.ActiveDocument If Doc.Content.Text.Length > 0 Then Pane.Visible = False Else Pane.Visible = True End If End Sub
- C. Create the following event handler for the Application.WindowSelectionChange event. Private Sub Application_WindowSelectionChange(ByVal Sel As Word.Selection) If Sel.Start = Sel.End Then Pane.Visible = False Else Pane.Visible = True End If End Sub
- D. Create the following event handler for the Application.WindowActivate event. Private Sub Application_WindowActivate _ (ByVal Doc As Word.Document, ByVal Wn As Word.Window) If Doc.Content.Text.Length > 0 Then Pane.Visible = False Else Pane.Visible = True End If End Sub

Answer: C

Question: 46

You create an add-in for Microsoft Office Outlook by using Visual Studio Tools for the Microsoft Office System (VSTO). The add-in must set up a WindowSelectionChange event for the Outlook e-mail messages by using Microsoft Office Word as the editor. You write the following lines of code. (Line numbers are included for reference only.)

```
01 Imports Word = Microsoft.Office.Interop.Word
02 Private Sub WindowSelectionChange ( ByVal Sel As _ Word.Selection )
03 Dim ins As Outlook.Inspector = Application.ActiveInspector
04 If ins.EditorType = Outlook.OlEditorType.olEditorWord Then
05 ...
06 AddHandler app.WindowSelectionChange , AddressOf _ Me.WindowSelectionChange
07 End If
08 End Sub
```

You need to bind the event to the Word application object. Which code segment should you insert at line 05

- A. Dim app As Word.Application = _ CType (ins.WordEditor , Word.Application)
- B. Dim app As Word.Application = _ CType (ins.WordEditor , Word.Document).Application
- C. Dim app As Word.Application = _ CType (ins.CurrentItem , Word.Document).Application
- D. Dim app As Word.Application = _ CType (ins.CurrentItem , Word.Application)

Answer: B

Question: 47

You create an add-in for Microsoft Office Word 2007 by using Visual Studio Tools for the Microsoft Office System (VSTO). The add-in contains a Ribbon1.xml file that customizes the Ribbon user interface (UI). The Ribbon1.xml file contains the following element. < dropDown id=" CountryCodes " getItemCount=" GetItemCount " getItemLabel =" GetItemLabel "/> You write the following line of code in the add-in. Private countries As System.Collections.ArrayList ... countries = New System.Collections.ArrayList () countries.Add ("USA") countries.Add ("JPN") countries.Add ("IND")

You need to bind the drop-down list to the countries collection. Which code segments should you use? (Each correct answer presents part of the solution. Choose two.)

- A. Public Overloads Function GetItemCount _ (ByVal control As Office.IRibbonControl) As Integer Return countries.Capacity End Function
- B. Public Overloads Function GetItemCount _ (ByVal control As Office.IRibbonControl) As Integer Return countries.Count End Function
- C. Public Overloads Function GetItemLabel (ByVal control As _ Office.IRibbonControl , ByVal index As Integer) As String Return countries.ToString () End Function
- D. Public Overloads Function GetItemLabel (ByVal control As _ Office.IRibbonControl , ByVal index As Integer) As String Return countries(index) End Function

Answer: B, D

You create an add-in for a Microsoft Office Outlook application by using Visual Studio Tools for the Microsoft Office System (VSTO). The add-in contains a reference to an Outlook folder in a variable named `folder`. You need to process only the e-mail messages within the folder. Which code segment should you use?

- A. `For Each item As Outlook.MailItem In folder.Items If item.Class = Outlook.OlObjectClass.olMail Then 'Process mail End If Next`
- B. `For Each item As Outlook.MailItem In folder.Items 'Process mail Next`
- C. `For Each item As Object In folder.Items If CType (item, Outlook.MailItem ).Class = _ Outlook.OlObjectClass.olMail Then 'Process mail End If Next`
- D. `For Each item As Object In folder.Items If TypeOf item Is Outlook.MailItem Then 'Process mail End If Next`

Answer: D

Question: 49

You create an add-in for Microsoft Office Word 2007 by using Visual Studio Tools for the Microsoft Office System (VSTO). The add-in customizes the Ribbon user interface (UI). The add-in contains a file named `Ribbon1.xml` that has the following markup for two buttons.

```
<button id="Btn1" onAction =" DoOperation " /> <button id="Btn2" onAction =" DoOperation " />
```

You need to create a callback function that runs different code for the buttons. Which code segment should you use?

- A. `Public Sub DoOperation ( ByVal control As Office.IRibbonControl ) If control.Tag = "Btn1" Then 'Btn1 click Else 'Btn2 click End If End Sub`
- B. `Public Sub DoOperation ( ByVal control As Control) If control.Text = "Btn1" Then 'Btn1 click Else 'Btn2 click End If End Sub`
- C. `Public Sub DoOperation ( ByVal control As Office.IRibbonControl ) If control.Id = "Btn1" Then 'Btn1 click Else 'Btn2 click End If End Sub`
- D. `Public Sub DoOperation ( ByVal control As Control) If control.ProductName.Equals ("Btn1") Then 'Btn1 click Else 'Btn2 click End If End Sub`

Answer: C

Question: 50

You create an add-in for Microsoft Office Visio by using Visual Studio Tools for the Microsoft Office System (VSTO). You install the add-in in a secure environment where local assemblies are not granted the FullTrust permission. You need to ensure that the add-in acquires the FullTrust permission after installation. What should you do?

- A. Configure the Custom Actions Editor to copy the add-in assembly to the `%WINDIR%` folder.
- B. Configure the File System Editor to copy the add-in assembly to the global assembly cache.
- C. Create an Installer class in the add-in assembly. Override the Install method so that the class associates the assembly with the LocalIntranet code group.
- D. Create an Installer class in the add-in assembly. Override the Install method so that the class copies the add-in assembly to the `%WINDIR%/SYSTEM32` folder.

Answer: B

Question: 51

You create an add-in for Microsoft Office Excel 2007 by using Visual Studio Tools for the Microsoft Office System (VSTO). The add-in must be installed on 100 computers that run Windows Vista and Microsoft Office 2007 Professional Edition. You need to configure the computers to run the add-in. What should you install on the computers?

- A. Microsoft VSTO Runtime
- B. Microsoft .NET Framework 1.1
- C. Microsoft .NET Framework 2.0
- D. Microsoft Office Primary Interop Assemblies

Answer: A

Question: 52

You create an add-in for Microsoft Office Word by using Visual Studio Tools for the Microsoft Office System (VSTO). You will use Microsoft Visual Studio 2005 Bootstrapper to install the add-in. The Product.xml file for the Bootstrapper contains the following XML fragment. (Line numbers are included for reference only.)

```
01 < InstallChecks > 02 < AssemblyCheck
Property="VSTORInstalled" 03
Name="Microsoft.Office.Tools.Common" 04
PublicKeyToken="b03f5f7f11d50a3a" Version="8.0.0.0"/ > 05
< /InstallChecks > 06 < Commands Reboot="Defer" > 07 <
Command PackageFile="vstor.exe" > 08 < InstallConditions >
09 ... 10 < /InstallConditions > 11 < /Command > 12 <
/Commands >
```

You need to ensure that Microsoft VSTO Runtime is installed on the target computers. Which XML fragment should you insert at line 09?

- A. < BypassIf Property="VSTORInstalled" Compare="ValueExists" Value="true"/ >
- B. < FailIf Property="VSTORInstalled" Compare="ValueExists" Value="true"/ >
- C. < FailIf Property="VSTORInstalled" Compare="ValueExists" Value="false"/ >
- D. < BypassIf Property="VSTORInstalled" Compare="ValueExists" Value="false"/ >

Answer: A

Question: 53

You create an add-in for Microsoft Office Word by using Visual Studio Tools for the Microsoft Office System (VSTO). You deploy the add-in to a folder on a network share. The folder hosts 20 assemblies. All the assemblies are signed and contain the same digital signature. The add-in runs from a local computer. When the add-in is accessed from a network share by using the same computer, a security exception is raised. You need to ensure that the add-in can run from the network share. You must achieve this goal without elevating permissions for the other assemblies. What should you do?

- A. Create a code group that is based on the file hash.
- B. Create a code group that is based on the publisher.
- C. Create a code group that is based on the network share URL.
- D. Create a code group that is based on the public token that is used to sign the assembly.

Answer: A

Question: 54

You create an add-in for Microsoft Office Outlook 2007 by using Visual Studio Tools for the Microsoft Office System (VSTO). You deploy the add-in to a network share named OfficeSolutions. The OfficeSolutions network share is located on a server named LONDON. You need to grant permission for the add-in to run. Which command should you use?

- A. `caspol Cm Cgac Execute`
- B. `caspol Cm Cgac FullTrust`
- C. `caspol Cm Cag LocalIntranet_zone Curl "\\LONDON\OfficeSolutions" Execute`
- D. `caspol Cm Cag LocalIntranet_zone Curl "\\LONDON\OfficeSolutions" FullTrust`

Answer: D

Question: 55

You create a document-level solution for Microsoft Office Excel 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). The solution is frequently updated. You need to deploy the solution. You also need to ensure that users have access to previous versions of the solution. What should you do?

- A. Publish the solution to a shared folder. As changes are made, republish the solution to the shared folder.
- B. Copy the solution to a shared folder on the local network. As changes are made, copy the updated files to the shared folder.
- C. Copy the solution to a local folder on each client computer. As changes are made, copy the updated files to the local folder.
- D. Create a setup project and build a Microsoft Windows Installer file. Run the Windows Installer file to install the solution to a shared folder. As changes are made, rebuild the Windows Installer file and reinstall the solution.

Answer: A

Question: 56

You create a document-level solution for Microsoft Office 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). You publish the solution to a folder on a network share. You copy a new version of the solution to a subfolder of the folder. You need to ensure that the users are redirected to the new version of the solution when they open the solution from the network share. What should you do?

- A. Change the deployment manifest in the main folder of the published solution to point to the new version.
- B. Change the application manifest in the main folder of the published solution to point to the new version.
- C. Create a deployment manifest in the subfolder. Edit the deployment manifest in the subfolder to point to the new version.
- D. Create an application manifest in the subfolder. Edit the application manifest in the subfolder to point to the new version.

Answer: A

You are creating an add-in for Microsoft Office Excel by using Visual Studio Tools for the Microsoft Office System (VSTO). The add-in will create a local database during the installation process. The add-in will extract data from the database. The add-in must be installed only on computers that have Microsoft SQL Server 2005 Express Edition. You need to configure the default setup project for the add-in. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. Add a script to the File System Editor to install the local database.
- B. Add a script to the Custom Actions Editor to install the local database.
- C. Add a script to the Custom Actions Editor that searches the registry for the existence of the local database.
- D. Add a script to the Files System Editor that searches the file system for the existence of SQL Server 2005 Express Edition.
- E. Add a script to the Launch Condition Editor that searches the registry for the existence of SQL Server 2005 Express Edition.

Answer: B, E

Question: 58

You create an add-in for Microsoft Office Word 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). You install Microsoft VSTO 2005 Second Edition and Microsoft Office 2003 Professional with its default settings on computers that run Microsoft Windows XP Professional. You also install the add-in on the computers. Users report that they are unable to access the add-in. You need to configure the computers to run the add-in correctly. What should you install on the computers? (Each correct answer presents part of the solution. Choose two.)

- A. Microsoft Visual Studio 2005
- B. Microsoft .NET Framework 1.1
- C. Microsoft .NET Framework 2.0
- D. Microsoft Office 2003 Primary Interop Assemblies

Answer: C, D

Question: 59

You create a document-level solution for a Microsoft Office Word document by using a Visual Studio Tools for the Microsoft Office System (VSTO) project. The solution project is named HRSolution. The solution document is named HRSolution.doc. You deploy a copy of the solution document to the C:\OfficeSolutions folder on client computers. You deploy the assembly to a shared folder named OfficeSolutions. The shared folder is located on a server named LONDON. You need to ensure that the solution document loads the assembly from the correct location. Which code segment should you use?

- A. `Dim sd As ServerDocument sd = New ServerDocument ("C:\OfficeSolutions\HRSolution.doc")
Dim path As String = "\\LONDON\OfficeSolutions" sd.AppManifest.Dependency.AssemblyPath = path sd.Save ()`
- B. `Dim sd As ServerDocument sd = New ServerDocument ("C:\OfficeSolutions\HRSolution.doc")
Dim name As String = " LONDON.OfficeSolutions.HRSolution " sd.AppManifest.Identity.Name = name sd.Save ()`

```
C. Dim sd As ServerDocument sd = New ServerDocument ("C:\OfficeSolutions\HRSolution.doc ")
Dim path As String = "\\LONDON\OfficeSolutions" sd.AppManifest.DeployManifestPath = path
sd.Save ()
D. Dim sd As ServerDocument sd = New ServerDocument ("C:\OfficeSolutions\HRSolution.doc")
Dim name As String = " LONDON.OfficeSolutions.HRSolution " sd.AppManifest.EntryPoints.Add
(name) sd.Save ()
```

Answer: A

Question: 60

You create an add-in for Microsoft Office PowerPoint by using Visual Studio Tools for the Microsoft Office System (VSTO). You publish the add-in by using Microsoft Visual Studio. Users report that the add-in is unavailable in PowerPoint. Users do not receive any error message. You need to ensure that the add-in is available in PowerPoint. What should you do?

- A. Modify the registry to include the appropriate entries.
- B. Copy the add-in assembly to the Microsoft Office folder.
- C. Add the add-in assembly to the global assembly cache.
- D. Edit the application manifest to point to the add-in assembly.

Answer: A

Microsoft 70-543 (C#)

Question: 1

You create a document-level solution for Microsoft Office 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). You publish the solution to a folder on a network share. You copy a new version of the solution to a subfolder of the folder. You need to ensure that the users are redirected to the new version of the solution when they open the solution from the network share. What should you do?

- A. Change the deployment manifest in the main folder of the published solution to point to the new version.
- B. Change the application manifest in the main folder of the published solution to point to the new version.
- C. Create a deployment manifest in the subfolder. Edit the deployment manifest in the subfolder to point to the new version.
- D. Create an application manifest in the subfolder. Edit the application manifest in the subfolder to point to the new version.

Answer: A

Question: 2

You are creating an add-in for Microsoft Office Excel by using Visual Studio Tools for the Microsoft Office System (VSTO). The add-in will create a local database during the installation process. The add-in will extract data from the database. The add-in must be installed only on computers that have Microsoft SQL Server 2005 Express Edition. You need to configure the default setup project for the add-in. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. Add a script to the File System Editor to install the local database.
- B. Add a script to the Custom Actions Editor to install the local database.
- C. Add a script to the Custom Actions Editor that searches the registry for the existence of the local database.
- D. Add a script to the Files System Editor that searches the file system for the existence of SQL Server 2005 Express Edition.
- E. Add a script to the Launch Condition Editor that searches the registry for the existence of SQL Server 2005 Express Edition.

Answer: B, E

Question: 3

You create a document-level solution for Microsoft Office Excel by using Visual Studio Tools for the Microsoft Office System (VSTO). You manually deploy the customized Excel workbook and the associated assembly to a network share named OfficeSolutions. The network share is located on a server named LONDON. You need to remove the reference to the assembly from the copy of the workbook. Which code segment should you use?

- A. `ServerDocument sd = new ServerDocument (@ "\\LONDON\\OfficeSolutions\\Finance.xls");
sd.AppManifest.Clear ();`

B. ServerDocument sd = new ServerDocument (@"\\LONDON\OfficeSolutions\Finance.xls");
sd.AppManifest.EntryPoints.Clear ();
C. ServerDocument sd = new ServerDocument (@"\\LONDON\OfficeSolutions\Finance.xls");
sd.AppManifest.DeployManifestPath.Remove (0);
D. ServerDocument sd = new ServerDocument (@"\\LONDON\OfficeSolutions\Finance.xls");
sd.AppManifest.Dependency.AssemblyIdentity.Name.Remove (0);

Answer: A

Question: 4

You create an add-in for Microsoft Office Excel 2007 by using Visual Studio Tools for the Microsoft Office System (VSTO). The add-in must be installed on 100 computers that run Windows Vista and Microsoft Office 2007 Professional Edition. You need to configure the computers to run the add-in. What should you install on the computers?

- A. Microsoft VSTO Runtime
- B. Microsoft .NET Framework 1.1
- C. Microsoft .NET Framework 2.0
- D. Microsoft Office Primary Interop Assemblies

Answer: A

Question: 5

You create a document-level solution for Microsoft Office Excel 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). The solution is frequently updated. You need to deploy the solution. You also need to ensure that users have access to previous versions of the solution. What should you do?

- A. Publish the solution to a shared folder. As changes are made, republish the solution to the shared folder.
- B. Copy the solution to a shared folder on the local network. As changes are made, copy the updated files to the shared folder.
- C. Copy the solution to a local folder on each client computer. As changes are made, copy the updated files to the local folder.
- D. Create a setup project and build a Microsoft Windows Installer file. Run the Windows Installer file to install the solution to a shared folder. As changes are made, rebuild the Windows Installer file and reinstall the solution.

Answer: A

Question: 6

You create a document-level solution for a Microsoft Office Word document by using a Visual Studio Tools for the Microsoft Office System (VSTO) project. The solution project is named HRSolution. The solution document is named HRSolution.doc. You deploy a copy of the solution document to the C:\OfficeSolutions folder on client computers. You deploy the assembly to a shared folder named OfficeSolutions. The shared folder is located on a server named LONDON. You need to ensure that the solution document loads the assembly from the correct location. Which code segment should you use?

- A. ServerDocument sd ; sd = new ServerDocument (@"C:\OfficeSolutions\HRSolution.doc");
string path = @"\\LONDON\OfficeSolutions"; sd.AppManifest.Dependency.AssemblyPath = path; sd.Save ();
- B. ServerDocument sd ; sd = new ServerDocument (@"C:\OfficeSolutions\HRSolution.doc");
string name = @" LONDON.OfficeSolutions.HRSolution "; sd.AppManifest.Identity.Name = name; sd.Save ();

```
C. ServerDocument sd ; sd = new ServerDocument (@"C:\OfficeSolutions\HRSolution.doc");
string path = @"\\LONDON\OfficeSolutions"; sd.AppManifest.DeployManifestPath = path;
sd.Save ();
D. ServerDocument sd ; sd = new ServerDocument (@"C:\OfficeSolutions\HRSolution.doc");
string name = " LONDON.OfficeSolutions.HRSolution "; sd.AppManifest.EntryPoints.Add
(name); sd.Save ();
```

Answer: A

Question: 7

You create an add-in for Microsoft Office Visio by using Visual Studio Tools for the Microsoft Office System (VSTO). You install the add-in in a secure environment where local assemblies are not granted the FullTrust permission. You need to ensure that the add-in acquires the FullTrust permission after installation. What should you do?

- A. Configure the Custom Actions Editor to copy the add-in assembly to the %WINDIR% folder.
- B. Configure the File System Editor to copy the add-in assembly to the global assembly cache.
- C. Create an Installer class in the add-in assembly. Override the Install method so that the class associates the assembly with the LocalIntranet code group.
- D. Create an Installer class in the add-in assembly. Override the Install method so that the class copies the add-in assembly to the %WINDIR%/SYSTEM32 folder.

Answer: B

Question: 8

You create an add-in for Microsoft Office PowerPoint by using Visual Studio Tools for the Microsoft Office System (VSTO). You publish the add-in by using Microsoft Visual Studio. Users report that the add-in is unavailable in PowerPoint. Users do not receive any error message. You need to ensure that the add-in is available in PowerPoint. What should you do?

- A. Modify the registry to include the appropriate entries.
- B. Copy the add-in assembly to the Microsoft Office folder.
- C. Add the add-in assembly to the global assembly cache.
- D. Edit the application manifest to point to the add-in assembly.

Answer: A

Question: 9

You create an add-in for Microsoft Office Outlook 2007 by using Visual Studio Tools for the Microsoft Office System (VSTO). You deploy the add-in to a network share named OfficeSolutions. The OfficeSolutions network share is located on a server named LONDON. You need to grant permission for the add-in to run. Which command should you use?

- A. Caspol Cm Cgac Execute
- B. Caspol Cm Cgac FullTrust
- C. Caspol Cm Cag LocalIntranet_zone Curl "\\LONDON\OfficeSolutions" Execute
- D. Caspol Cm Cag LocalIntranet_zone Curl "\\LONDON\OfficeSolutions" FullTrust

Answer: D

Question: 10

You create an add-in for Microsoft Office Word by using Visual Studio Tools for the Microsoft Office System (VSTO). You will use Microsoft Visual Studio 2005 Bootstrapper to install the add-in.

The Product.xml file for the Bootstrapper contains the following XML fragment. (Line numbers are included for reference only.)

```
01 < InstallChecks > 02 < AssemblyCheck
Property="VSTORInstalled" 03
Name="Microsoft.Office.Tools.Common" 04
PublicKeyToken="b03f5f7f11d50a3a" Version="8.0.0.0"/ > 05
< /InstallChecks > 06 < Commands Reboot="Defer" > 07 <
Command PackageFile="vstor.exe" > 08 < InstallConditions >
09 ... 10 < /InstallConditions > 11 < /Command > 12 <
/Commands >
```

You need to ensure that Microsoft VSTO Runtime is installed on the target computers. Which XML fragment should you insert at line 09?

- A. < BypassIf Property="VSTORInstalled" Compare="ValueExists" Value="true"/ >
- B. < FailIf Property="VSTORInstalled" Compare="ValueExists" Value="true"/ >
- C. < FailIf Property="VSTORInstalled" Compare="ValueExists" Value="false"/ >
- D. < BypassIf Property="VSTORInstalled" Compare="ValueExists" Value="false"/ >

Answer: A

Question: 11

You create an add-in for Microsoft Office Word by using Visual Studio Tools for the Microsoft Office System (VSTO). You deploy the add-in to a folder on a network share. The folder hosts 20 assemblies. All the assemblies are signed and contain the same digital signature. The add-in runs from a local computer. When the add-in is accessed from a network share by using the same computer, a security exception is raised. You need to ensure that the add-in can run from the network share. You must achieve this goal without elevating permissions for the other assemblies. What should you do?

- A. Create a code group that is based on the file hash.
- B. Create a code group that is based on the publisher.
- C. Create a code group that is based on the network share URL.
- D. Create a code group that is based on the public token that is used to sign the assembly.

Answer: A

Question: 12

You create a document-level solution for Microsoft Office Word 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). You create a user control named MyUserControl. You write the following code segment for your document class. (Line numbers are included for reference only.)

```
01 private void ThisDocument_Startup(object sender,
System.EventArgs e) { 02 MyUserControl userControl
= new MyUserControl(); 03 ... 04 }
```

You need to display userControl in the actions pane.

Which code segment should you insert at line 03?

- A. This.ActionsPane.Controls.AddRange(new Control[]
{ userControl, new MyUserControl() });
- B. This.ActionsPane.Controls.Add(userControl);
- C. This.Controls.AddControl(userControl, 100, 100,
100, 100, "Action s Pane");
- D. This.ActionsPane.Parent.Controls.Add(userControl);

Answer: B

Question: 13

You create a document-level solution for Microsoft Office Excel 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). The customized workbook contains a NamedRange control named MyRange. MyRange is associated with cell D1. You need to change MyRange to use the cells A1 and B1. Which code segment should you use?

- A. MyRange.Formula = "=\$A\$1:\$B\$1";
- B. MyRange.RefersTo = "=\$A\$1:\$B\$1";
- C. MyRange.RefersTo = "A1:B1";
- D. MyRange.Formula = "A1:B1";

Answer: B

Question: 14

You develop a document-level solution for Microsoft Office Excel 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). You write the following lines of code in the worksheet class. void Handle_Change (Excel.Range Target) { //.. . } You need to ensure that the Handle_Change method runs only when the data in the range A1 through E5 changes. Which code segment should you add to the Startup event of the worksheet class?

- A. Excel.Range rng = this.Range ["A1", "E5"];
Microsoft.Office.Tools.Excel.NamedRange rng1 =
this.Controls.AddNamedRange (rng , " MyRange ");
rng1.Change += new Excel.DocEvents_ChangeEventHandler (Handle_Change);
- B. Excel.Range rng = this.Range ["A1", "E5"];
Microsoft.Office.Tools.Excel.NamedRange rng1 =
this.Controls.AddNamedRange (rng , " MyRange ");
rng1.SelectionChange += new
Excel.DocEvents_SelectionChangeEventHandler (Handle_Change);
- C. Excel.Range rng = this.Range ["A1", "E5 "]; this.Change +=
new Excel.DocEvents_ChangeEventHandler (Handle_Change);
- D. Excel.Range rng = this.Range ["A1", "E5"]; this.SelectionChange +=
new Excel.DocEvents_SelectionChangeEventHandler (Handle_Change);

Answer: A

Question: 15

You create a document-level solution for Microsoft Office Excel 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). The customized worksheet must have a button in a cell of the first row and the first column. The button must be automatically resized when the cell is resized. You need to create a button that meets the requirements. Which code segment should you use?

- A. `Button button = Sheet.Controls.AddButton(1, 1, 0, 0, "MyButton"); button.Dock = DockStyle.Fill;`
- B. `Button button = Sheet.Controls.AddButton(1, 1, 1, 1, "MyButton"); button.Dock = DockStyle.None;`
- C. `Excel.Range rng = Sheet.Range["A", "1"]; Sheet.Controls.AddButton(rng, "MyButton");`
- D. `Excel.Range rng = Sheet.Range["A1", System.Type.Missing]; Sheet.Controls.AddButton(rng, "MyButton");`

Answer: D

Question: 16

You are creating a document-level solution for Microsoft Office Word 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). The solution must meet the following requirements: The solution must save the document. The users who do not have Microsoft VSTO Runtime installed can open the document. You need to ensure that the solution meets the requirements. Which code segment should you use?

- A. `This.RemoveTheme ();`
`this.Save ();`
- B. `This.RemoveCustomization ();`
`this.Save ();`
- C. `This.RejectAllRevisionsShown ();`
`this.Save ();`
- D. `This.ReloadAs (`
`Microsoft.Office.Core.MsoEncoding.msoEncodingAutoDetect );`
`this.Save ();`

Answer: B

Question: 17

You create a document-level solution for Microsoft Office Excel 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). You add the following method to the workbook class. `void NotifyChanges (object Sh , Excel.Range Target) { //Notify changes }` You need to set up an event handler that fires `NotifyChanges` only when the data in the current workbook changes. Which code segment should you use?

- A. `Globals.ThisWorkbook.SheetSelectionChange += new`
`Excel.WorkbookEvents_SheetSelectionChangeEventHandler (`
`NotifyChanges );`
- B. `Globals.ThisWorkbook.SheetChange += new`
`Excel.WorkbookEvents_SheetChangeEventHandler (`
`NotifyChanges );`

```

C. Globals.ThisWorkbook.Application.SheetChange += new
Excel.AppEvents_SheetChangeEventHandler (
NotifyChanges );
D. Globals.ThisWorkbook.Application.SheetSelectionChange += new
Excel.AppEvents_SheetSelectionChangeEventHandler (
NotifyChanges );

```

Answer: B

Question: 18

You create a document-level solution for Microsoft Office Word 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). The actions pane of the solution document contains two user controls. The user controls must be displayed in the following ways: In a horizontal display, the controls must be placed next to each other. In a vertical display, the controls must be placed one below the other. You need to ensure that the solution meets the requirements. Which code segment should you use?

```

A. Void ActionsPane_OrientationChanged( object sender,
EventArgs e) { if (this.ActionsPane.Orientation ==
Orientation.Horizontal) { this.ActionsPane.StackOrder =
Microsoft.Office.Tools.StackStyle.FromLeft; } else {
this.ActionsPane.StackOrder =
Microsoft.Office.Tools.StackStyle.FromTop;

```

```

}
}

```

```

B. Void ActionsPane_OrientationChanged( object sender,
EventArgs e) { if (this.ActionsPane.Orientation ==
Orientation.Horizontal) { this.ActionsPane.Controls[1].Dock =
DockStyle.Left; this.ActionsPane.Controls[1].Dock =
DockStyle.Right; } else {

```

```

    this.ActionsPane.Controls[1].Dock = DockStyle.Top;
    this.ActionsPane.Controls[1].Dock = DockStyle.Bottom; }
}

```

```

C. Void ActionsPane_OrientationChanged( object sender,
EventArgs e) { if (this.ActionsPane.Orientation ==
Orientation.Horizontal) { this.ActionsPane.Dock =
DockStyle.Left; } else { this.ActionsPane.StackOrder =
(StackStyle)DockStyle.Top; } }

```

```

D. Void ActionsPane_OrientationChanged( object sender,
EventArgs e) { if (this.ActionsPane.Orientation ==
Orientation.Horizontal) { this.ActionsPane.Controls[1].Anchor =
AnchorStyles.Left; this.ActionsPane.Controls[1].Anchor =
AnchorStyles.Right; } else {
this.ActionsPane.Controls[1].Anchor = AnchorStyles.Top;
this.ActionsPane.Controls[1].Anchor = AnchorStyles.Bottom;

```

```
}  
}  
}
```

Answer: A

Question: 19

You create a document-level solution by using Visual Studio Tools for the Microsoft Office System (VSTO). The solution uses an assembly named MyAssembly. MyAssembly is located in the C:\Assemblies\ folder. A Microsoft Office Word 2003 document named MyWordDocument is located in the C:\Documents\ folder. You need to associate MyAssembly with MyWordDocument if managed extensions are enabled in MyWordDocument. Which code segment should you use?

- A. `String document = @"C:\Documents\MyWordDocument.doc"; string assembly = @"C:\Assemblies\MyAssembly.dll"; if ( ServerDocument.IsCustomized (document)) { //Add document customization }`
- B. `String document = @"C:\Documents\MyWordDocument.doc"; string assembly = @"C:\Assemblies\MyAssembly.dll"; if ( ServerDocument.IsCacheEnabled (document)) { //Add document customization }`
- C. `String document = @"C:\Documents\MyWordDocument.doc"; string a ssembly = @"C:\Assemblies\MyAssembly.dll"; if ( ServerDocument.IsCustomized (assembly)) { //Add document customization }`
- D. `String document = @"C:\Documents\MyWordDocument.doc"; string assembly = @"C:\Assemblies\MyAssembly.dll"; if ( ServerDocument.IsCacheEnabled (assembly)) { //Add document customization }`

Answer: A

Question: 20

You are creating a document-level solution for Microsoft Office Word 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). You write the following lines of code in the solution. `SmartTag tag = new SmartTag( "http://MySmartT ag/ST#MySmartTag", "My Tag"); tag.Terms.Add("Bug"); tag.Terms.Add("Error"); tag.Terms.Add("Issue"); Action action = new Action("Add Reference"); tag.Actions = new ActionBase[] { action }; action.Click += new ActionClickEventHandler(action_Click);`

You need to add the string "Reference: " before either "Bug", "Error", or "Issue" when the smart tag is clicked. Which code segment should you use?

- A. `Void action_Click (object sender, EventArgs e) { e.Range.Text = "Reference:" + e.Text ; }`
- B. `Void action_Click (object sender, EventArgs e) { e.Range.Text = "Reference:" + e.Range.get_XML (false).ToString(); }`
- C. `Void action_Click (object sender, EventArgs e) { e.Range.Text = "Reference:" + e.Properties.get_Read ("Text"); }`
- D. `Void action_Click (object sender, EventArgs e) { e.Properties.Write ( e.Range.Text , "Reference:" + e.Range.Text ); }`

Answer: A

Question: 21

You create a document-level solution for Microsoft Office Word 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). You write the following method in the document class.
`void wordAppEvent_NewDocument ( Word.Document Doc) { //Add custom footer }` You need to set up an event handler that is fired when a Word document is created. Which code segment should you use?

- A. `Word.ApplicationEvents3_Event wordAppEvent ; wordAppEvent = this.Application as Word.ApplicationEvents3_Event; wordAppEvent.NewDocument += new Word.ApplicationEvents3_NewDocumentEventHandler( wordAppEvent_NewDocument );`
- B. `Word.ApplicationEvents3_Event wordAppEvent ; wordAppEvent = this.ActiveWindow as Word.ApplicationEvents3_Event; wordAppEvent.NewDocument += new Word.ApplicationEvents3_NewDocumentEventHandler( wordAppEvent_NewDocument );`
- C. `Word.ApplicationEvents3_Event wordAppEvent ; wordAppEvent = this.InnerObject as Word.ApplicationEvents3_Event; wordAppEvent.NewDocument += new Word.ApplicationEvents3_NewDocumentEventHandler( wordAppEvent_NewDocument );`
- D. `Word.ApplicationEvents3_Event wordAppEvent ; wordAppEvent = this.Application.ActiveDocument as Word.ApplicationEvents3_Event; wordAppEvent.NewDocument += new Word.ApplicationEvents3_NewDocumentEventHandler( wordAppEvent_NewDocument );`

Answer: A

Question: 22

You are creating a document-level solution for Microsoft Office Excel 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). The customized workbook contains five worksheets. You add a LinkLabel control named Label to the first worksheet of the workbook. You need to create a LinkClicked event handler that displays the next worksheet in the workbook. Which code segment should you use?

- A. `void Label_LinkClicked (object sender, LinkLabelLinkClickedEventArgs e) { Excel.Workbook book = this.Site as Excel.Workbook ; Excel.Worksheet sheet = book.Sheets [ this.Index + 1] as Excel.Worksheet ; sheet.Activate (); }`
- B. `void Label_LinkClicked (object sender, LinkLabelLinkClickedEventArgs e) { Excel.Workbook book = this.Parent as Excel.Workbook ; Excel.Worksheet sheet = book.Sheets [ this.Index + 1] as Excel.Worksheet ; sheet.Activate (); }`
- C. `void Label_LinkClicked (object sender, LinkLabelLinkClickedEventArgs e) { Excel.Workbook book = this.Site as Excel.Workbook ; Excel.Worksheet sheet = book.Sheets [ this.Index + 1] as Excel.Worksheet ; sheet.ShowAllData (); }`
- D. `void Label_LinkClicked (object sender, LinkLabelLinkClickedEventArgs e) { Excel.Workbook book =`

this.Parent as Excel.Workbook ; Excel.Worksheet sheet = book.Sheets [this.Index + 1] as Excel.Worksheet ; sheet.ShowAllData (); }

Answer: B

Question: 23

You are creating a document-level solution for Microsoft Office Word 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). The solution document refers to the following bugs: bug123 Bug514 BUG512 The solution document must provide more details about a bug whenever a reference to the bug is found in the document. You need to create a smart tag that identifies each bug. Which code segment should you use?

- A. SmartTag tag = new SmartTag("http: // MySmartTag/ST#BugRecognizer", "Bug Recognizer"); Regex regex = new Regex(@"bug\d\d\d", RegexOptions.IgnoreCase); tag.Expressions.Add(regex);
- B. SmartTag tag = new SmartTag("http: // MySmartTag/ST#BugRecognizer", "Bug Recognizer"); Regex regex = new Regex(@"[B|b][U|u][G|g]000"); tag.Expressions.Add(regex);
- C. SmartTag tag = new SmartTag("http: // MySmartTag/ST#BugRecognizer", "Bug Recognizer"); tag.Terms.Add(@"bug\d\d\d");
- D. SmartTag tag = new SmartTag("http: // MySmartTag/ST#BugRecognizer", "Bug Recognizer"); tag.Terms.Add(@"[B|b][U|u][G|g]000");

Answer: A

Question: 24

You are creating an add-in for Microsoft Office Word by using Visual Studio Tools for the Microsoft Office System (VSTO). The add-in will display data from a Web service named Service1. Service1 runs on a server named LONDON. The Web service contains a method named GetCustomers that returns a DataSet object. You need to bind the data returned by the GetCustomers method to a DataSet object named ds. Which code segment should you use?

- A. LONDON.Service1 lh = new LONDON.Service1(); DataSet ds = new DataSet(); ds.DataSetName = lh.GetCustomers (). GetXml ();
- B. DataSet ds = new DataSet(); ArrayList mappings = new ArrayList(); LONDON.Service1.GenerateXmlMappings(ds.GetType(), mappings);
- C. LONDON.Service1 lh = new LONDON.Service1(); DataSet ds = lh.GetCustomers ();
- D. LONDON.Service1 lh = new LONDON.Service1(); DataSet ds = new DataSet(); ds.GetXml();

Answer: C

Question: 25

You are creating an application for Microsoft Office Word by using Visual Studio Tools for the Microsoft Office System (VSTO). The application will contain a namespace named WordAddInNS. WordAddInNS will contain the following items: a class named WordExcellIsland a method named GetDataIsland a typed dataset class named WSS_DataSet

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

```
01 private void GetDataIsland (string DocPath) { 02 using  
(ServerDocument sd = new ServerDocument(DocPath)) { 03  
CachedDataHostItemCollection HC = sd.CachedData.HostItems; 04  
if (HC.Count > 0 && 05 ... 10 ) { 12 ... 13 } 14 } 15 }
```

You need to load all the data islands of the type WSS_DataSet from the local document cache. Which code segment should you insert at line 05?

- A. HC["WordAddInNS.WordExcellIsland"].CachedData.Contains ("WSS_DataSet")
- B. HC["WordAddInNS.WordExcellIsland"].CachedData.Contains ("WordAddInNS.WSS_DataSet")
- C. HC["WordAddInNS.WordExcellIsland"].Equals("WSS_DataSet")
- D. HC["WordAddInNS.WordExcellIsland"].Equals ("WordAddInNS.WSS_DataSet")

Answer: A

Question: 26

You are creating an add-in for Microsoft Office Excel by using Visual Studio Tools for the Microsoft Office System (VSTO). The add-in contains a server document named doc. The add-in also contains a variable named filepath that will store the location of an XML file. You need to load the XML file into the document cache. Which code segment should you use?

- A. Doc.CachedData.FromXml(filepath);
- B. Doc.CachedData.HostItems.Add(filepath);
- C. StreamReader sr = new
StreamReader(filepath);
Doc.CachedData.FromXml(sr.ReadToEnd());
- D. Doc.CachedData.FromXml(filepath);
StreamReader sr = new
StreamReader(filepath);
doc.CachedData.HostItems.Add(sr.ReadToEnd());

Answer: C

Question: 27

You are creating a document-level solution for Microsoft Office Word 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). You create the following objects in the solution: a DataSet object named AWDataSet that contains two tables named Product and SalesOrderDetail a BindingSource object named ProductsBindingSource a bookmark that is bound to the SalesOrderDetail table

You need to retrieve the active row from the solution .
Which code segment should you use?

- A. `AWDataSet.ProductRow pr = ( AWDataSet.ProductRow )((( DataRowView )(this.productBindingSource.DataSource)).Row);`
- B. `AWDataSet.ProductRow pr = ( AWDataSet.ProductRow )((( DataRowView )(object)this.productBindingSource.Filter)).Row);`
- C. `AWDataSet.ProductRow pr = ( AWDataSet.ProductRow )((( DataRowView )(this.productBindingSource.SyncRoot)).Row);`
- D. `AWDataSet.ProductRow pr = ( AWDataSet.ProductRow )((( DataRowView )(this.productBindingSource.Current)).Row);`

Answer: D

Question: 28

You create a document-level solution for Microsoft Office Excel 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). The Excel workbook contains a worksheet object named Sheet1 that contains data in the range A1 through A5. You write the following lines of code for the Sheet1 object. (Line numbers are included for reference only.)

```
01 Word.Application app = new Word.Application (); 02  
Word.Document doc; 03 ... 04 object index = 1; 05  
Word.Bookmark bMark = doc.Bookmarks.get_Item ( ref  
index); 06 ...
```

You need to insert the data from the range A1 through A5 into a Microsoft Office Word document after bMark. Your solution must retain the sequence of the data that is inserted. Which code segment should you insert at line 06?

- A. `Excel.Range rng = this.get_Range ("A1", "A5") ; foreach (Excel.Range r in rng.Cells) {
bMark.Range.InsertAfter (r.Value2.ToString()); } }`
- B. `Excel.Range rng = this.get_Range ("A2", "A5") ; bMark.Range.Text = this.get_Range ("
"A1", System.Type.Missing).Value2.ToString(); foreach (Excel.Range r in rng.Rows) {
bMark.Range.InsertAfter (r.Value2.ToString()); } }`
- C. `Excel.Range rng = this.get_Range ("A1", "A5") ; string temp = ""; foreach (Excel.Range r in
rng.Cells) { temp = temp + r.Value2.ToString(); } bMark.Range.InsertAfter (temp);`
- D. `Excel.Range rng = this.get_Range ("A1", "A5") ; string temp = ""; foreach (Excel.Range r in
rng.Rows) { temp = temp + r.Text.ToString (); } bMark.Range.Text = temp;`

Answer: C

Question: 29

You are creating an application by using Visual Studio Tools for the Microsoft Office System (VSTO). The application contains the following objects: a DataSet object named OrderData a ServerDocument object named sd1

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

```
01 System.Text.StringBuilder stringIn = 02  
new System.Text.StringBuilder (); 03  
System.IO.StringWriter stringOut = 04 new  
System.IO.StringWriter ( stringIn ); 05 ...  
06 sd1.Save();
```

You need to store the contents of the OrderData object in the document cache for offline use. Which code segment should you insert at line 05?

- A. OrderData.WriteXml (stringOut , XmlWriteMode.IgnoreSchema); orderdataitem.Xml = stringIn.ToString ();
- B. OrderData.WriteXml (stringOut , XmlWriteMode.IgnoreSchema); orderdataitem.Schema = stringIn.ToString ();
- C. OrderData.WriteXml (stringOut , XmlWriteMode.WriteSchema); orderdataitem.Xml = stringIn.ToString ();
- D. OrderData.WriteXml (stringOut , XmlWriteMode.WriteSchema); orderdataitem.Schema = stringIn.ToString ();

Answer: A

Question: 30

You are creating an add-in for Microsoft Office Excel by using Visual Studio Tools for the Microsoft Office System (VSTO). The add-in must connect to a remote database to retrieve data. The structure of the remote database is shown in the exhibit. (Click the Exhibit button.) You write the following lines of code. (Line numbers are included for reference only.)

```
01 internal sealed partial class Settings : 02  
global::System.Configuration.ApplicationSettingsBase { 03 [  
global::System.Configuration.SpecialSettingAttribute ( 04  
global::System.Configuration.SpecialSetting.ConnectionString )] 05  
... 06 public string ExcelSQLConnectionString { 07 get { 08 return  
(string)(this[" ExcelSQLConnectionString "]); 09 } 10 }
```

You need to connect to the remote database by using the security context of the current user. Which code segment should you insert at line 05?



A. [global::System.Configuration.DefaultSettingValueAttribute ("Data Source=EXCELSQL;Initial Catalog= AdventureWorks ;" + "Integrated Security=True")]

B. [global::System.Configuration.DefaultSettingValueAttribute ("Data Source=EXCELSQL.AdventureWorks ;" + "Initial Catalog=Production;" + "Integrated

Security=True")]

D. [global::System.Configuration.DefaultSettingValueAttribute ("Data Source=EXCELSQL;" + "InitialCatalog = AdventureWorks.Production.Product ;" + "Integrated Security=True")]

Answer: A

Question: 31

You are creating an add-in project for Microsoft Office by using Visual Studio Tools for the Microsoft Office System (VSTO). You create a data source named ContactRef from a class in an assembly. The author digitally signs a new version of the assembly. You need to ensure that the add-in can load a new version of the assembly. What should you do?

- A. Add a PublicKeyToken element to the ContactRef.datasource file.
- B. Add a PublicKeyToken attribute to the ContactRef.datasource file.
- C. Add the public key token to the TypeInfo element in the ContactRef.datasource file.
- D. Add the public key token to the GenericObjectDataSource element in the ContactRef.datasource file.

Answer: C

Question: 32

You are creating an add-in for Microsoft Office Excel by using Visual Studio Tools for the Microsoft Office System (VSTO). The add-in contains an instance of a data island named SalesDataSet. You create an instance of the CachedDataHostItemCollection object named HC in the add-in. You need to load the content from a CachedDataHostItem object in HC into SalesDataSet. Which code segment should you use?

- A. `string di = HC[0].CachedData[0].DataType.ToString(); using (System.IO.StringReader rdr = new System.IO.StringReader(di)) { northwindDataSet.ReadXml(rdr); northwindDataSet.Reset(); }`
- B. `string di = HC[0].CachedData[0].GetType().ToString(); using (System.IO.StringReader rdr = new System.IO.StringReader(di)) { northwindDataSet.ReadXml(rdr); northwindDataSet.AcceptChanges(); }`

```

C. string di = HC[0].CachedData[0].DataType.GetType ().ToString(); using (
System.IO.StringReader rdr = new System.IO.StringReader ( di )) { northwindDataSet.ReadXml (
rdr ); northwindDataSet.Reset (); }
D. string di = HC[0].CachedData[0].Xml; using (System.IO.StringReader rdr = new
System.IO.StringReader(di)) { northwindDataSet.ReadXml(rdr);
northwindDataSet.AcceptChanges(); }

```

Answer: D

Question: 33

You are creating a document-level solution for Microsoft Office Word 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). The solution will insert an XML data island in a Word document. The data island contains the following XML fragment.

```

< customer id="01AF" > < region district="Northwest" > <
/region > < /customer >

```

You bind the data island to an XMLNode instance named xln. You need to update the region element with the following data. < customer id="01AF" > < region district="Southwest" > California < /region > < /customer >

Which code segment should you use?

- A. if (xln.ParentNode.NodeValue == "customer" & & xln.NodeText == "Northwest") { xln.NodeText = "Southwest"; xln.ChildNodes [1].Text = "California"; }
- B. if (xln.ParentNode.NodeValue == "customer" & & xln.NodeValue [0]. CompareTo ("Northwest") == 0) { xln.NodeText = "California"; xln.ChildNodes [1].Text = "Southwest"; }
- C. if (xln.ChildNodes [0].Text == "customer" & & xln.NodeText == "Northwest") { xln.NodeText = "Southwest"; xln.ChildNodes [1].Text = "California"; }
- D. if (xln.ChildNodes [0].Text == "customer" & & xln.NodeValue [0]. CompareTo ("Northwest") == 0) { xln.NodeText = "California"; xln.ChildNodes [1].Text = "Southwest"; }

Answer: A

Question: 34

You create a document-level solution for Microsoft Office Excel 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). The solution creates a NamedRange control named XLNRange in an Excel worksheet. The range contains cells A1 through B3. You bind the XLNRange control to a data table named FactResellerSales by using the Data Source Configuration Wizard. You need to synchronize the FactResellerSales table with the changes that are made to the data in the XLNRange control. Which code segment should you use?

- A. this.Validate (); this.factResellerSalesBindingSource.EndEdit (); this.factResellerSalesBindingSource.Insert (0, adventureWorksDWDDataSet.FactResellerSales);
- B. this.Validate (); this.factResellerSalesBindingSource.EndEdit (); this.factResellerSalesTableAdapter.Update (adventureWorksDWDDataSet.FactResellerSales);
- C. XLNRange.Merge (this.Range ["A1", "B3"]);
- D. XLNRange.AutoFill (this.Range ["A1", "B3"], Excel.XlAutoFillType.xlFillDefault);

Answer: B

Question: 35

You are creating a document-level solution for Microsoft Office Word 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). The solution document has a table that contains data. The table has two columns and two rows. You write the following lines of code. (Line numbers are included for reference only.)

```
01 Excel.Workbook book; 02 Excel.Worksheet sheet =  
book.Worksheets [1] as Excel.Worksheet ; 03 Word.Table tbl =  
this.Tables [1]; 04 ...
```

You need to insert the data in the cell range A1 through B2 of the first worksheet in the Excel workbook. Which code segment should you insert at line 04?

- A. `For ( int i = 1; i <= tbl.Rows.Count ; i ++ ) { for ( int j = 1; j <= tbl.Columns.Count ; j ++ ) { ( sheet.Cells [ i , j ] as Excel.Range ).Value2 = tbl.Cell ( i , j ). Range.Text ; } }`
- B. `For ( int i = 0; i < tbl.Rows.Count ; i ++ ) { for ( int j = 0; j < tbl.Columns.Count ; j ++ ) { ( sheet.Cells [ i , j ] as Excel.Range ).Value2 = tbl.Cell ( i , j ). Range.Text ; } }`
- C. `Excel.Range rng = sheet.get_Range ("A1", "B2");
rng.Value2 = tbl.Range.Text ;`
- D. `Excel.Range rng = sheet.get_Range ("A1", System.Type.Missing); tbl.Range.Copy
(); rng.PasteSpecial (Excel.XlPasteType.xlPasteAll ,
Excel.XlPasteSpecialOperation.xlPasteSpecialOperationNone , System.Type.Missing ,
System.Type.Missing);`

Answer: A

Question: 36

You are creating a custom template for Microsoft Office Word 2007 by using Visual Studio Tools for the Microsoft Office System (VSTO). The template contains a custom XML part that consumes data from an XML source. The XML source contains the following XML fragment.
<Products> mother board, memory, hard drive, floppy drive, DVD drive </Products>

You need to display the Products element as a comma-separated list within a paragraph of text. Which code segment should you use?

- A. `Application.ActiveDocument.ContentControls.Add ( WdContentControlType.wdContentControlRichText , ref range);`
- B. `Application.ActiveDocument.ContentControls.Add ( WdContentControlType.wdContentControlText , ref range);`
- C. `Application.ActiveDocument.ContentControls.Add ( WdContentControlType.wdContentControlDropDownList , ref range);`
- D. `Application.ActiveDocument.ContentControls.Add ( WdContentControlType.wdContentControlComboBox , ref range);`

Answer: B

You create a custom template for Microsoft Office Word 2007 by using Visual Studio Tools for the Microsoft Office System (VSTO). You add two Text content controls named control1 and control2 to the template. The template contains the following custom XML fragment.

```
< ProductList > <Product id="1"> <Name> Chai </Name> </Product> <Product id="2">  
<Name>Chang</Name> </Product> </ ProductList >
```

You need to ensure that control1 displays the id of the Product and control2 displays the name of the Product. Which code segment should you use?

- A. `Control1.XMLMapping.SetMapping("/ ProductList /Product/id", "",
ActiveWindow.Document.CustomXMLParts [1]); control2.XMLMapping.SetMapping(" /
ProductList /Product/name", "", ActiveWindow.Document.CustomXMLParts [1]);`
- B. `Control1.XMLMapping.SetMapping("/ ProductList /Product/@id", "",
ActiveWindow.Document.CustomXMLParts [1]); control2.XMLMapping.SetMapping("/ ProductList
/Product/name", "", ActiveWindow.Document.CustomXMLParts [1]);`
- C. `Control1.XMLMapping.SetMapping("/ ProductList /Product[1]/id", "",
ActiveWindow.Document.CustomXMLParts [1]); control2.XMLMapping.SetMapping("/ ProductList
/Product[1]/name", "", ActiveWindow.Document.CustomXMLParts [1]);`
- D. `Control1.XMLMapping.SetMapping("/ ProductList /Product[1]/@id", "",
ActiveWindow.Document.CustomXMLParts [1]); control2.XMLMapping.SetMapping("/ ProductList
/Product[1]/name", "", ActiveWindow.Document.CustomXMLParts [1]);`

Answer: D

Question: 38

You create a Microsoft Office Word 2007 document. The OpenXML package for the document is shown in the exhibit. (Click the Exhibit button.) You create an XML file named item2.xml. The item2.xml file uses the same schema as the item1.xml file. You add the item2.xml file to the OpenXML package. You need to ensure that the document uses data from the item2.xml file instead of the item1.xml file. What should you do?



- A. Delete the item1.xml file.
- B. Delete the itemProps1.xml file.
- C. Create a file named itemProps2.xml that marks the item2.xml file as a data store.
- D. Create a file named item2.xml.rels that creates a relationship between the item2.xml file and the itemProps1.xml file.

Answer: D

Question: 39

You are creating a document-level solution for Microsoft Office Word 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). The customization contains a predefined schema to validate the data that users add. The path to the schema is stored in a variable named filename. The Unique Resource Identifier (URI) for the schema is stored in a variable named uri. The alias for the schema is stored in a variable named alias. You need to ensure that the schema that the user selects is applied to the solution document. Which code segment should you use?

- A. `This.XMLNodes.Add((string)filename, "", ref uri);`
- B. `This.XMLSchemaReferences.Add(ref uri, ref alias, ref filename, true);`
- C. `This.Application.XMLNamespaces.Add((string)filename, ref uri, ref alias, true);`
- D. `Object doc = Globals.ThisDocument; this.Application.XMLNamespaces.get_Item(ref uri).AttachToDocument(ref doc);`

Answer: C

Question: 40

You are creating an application by using Visual Studio Tools for the Microsoft Office System (VSTO). The application edits a Microsoft Office Word 2007 document. The Word document contains two XML parts. The second custom XML part is used to audit changes to the first custom XML part. You need to ensure that the application adds a new element to the second XML part each time the value of a text node in the first XML part is changed. What should you do?

- A. Modify the StreamAfterAdd event for the CustomXMLParts collection.
- B. Modify the StreamAfterLoad event for the CustomXMLParts collection.
- C. Modify the NodeAfterInsert event for the first CustomXMLPart object.
- D. Modify the NodeAfterReplace event for the first CustomXMLPart object.

Answer: D

Question: 41

You create an application by using Visual Studio Tools for the Microsoft Office System (VSTO). The application modifies a Microsoft Office Excel custom workbook. The custom workbook displays the data that is contained in an XML file named Salesorder.xml. The Salesorder.xml file uses an XML schema that is stored in a file named Salesorder.xsd. Both the Salesorder.xml file and the Salesorder.xsd file are located in the C:\Data folder. You need to ensure that the data in the Salesorder.xml file is available for mapping. Which code segment should you use?

- A. `Excel.XmlMap map = this.XmlMaps.Add (@"c:\data\Salesorder.xsd", "Root"); this.XmlImport (@"c:\data\Salesorder.xml", out map, true, Globals.Sheet1.Range["A1", Type.Missing]);`
- B. `Excel.XmlMap map = this.XmlMaps.Add (@"c:\data\Salesorder.xml", "Root"); this.XmlImport (@"c:\data\Salesorder.xsd", out map, false, Globals.Sheet1.Range["A1", Type.Missing]);`
- C. `Excel.XmlMap map = this.XmlMaps.Add (@"c:\data\Salesorder.xsd", "Root"); this.XmlImportXml (@"c:\data\Salesorder.xml", out map, true, Globals.Sheet1.Range["A1", Type.Missing]);`

D. `Excel.XmlMap map = this.XmlMaps.Add (@"c:\data\Salesorder.xml", "Root");
this.XmlImportXml (@"c:\data\Salesorder.xsd", out map, false,
Globals.Sheet1.Range["A1", Type.Missing]);`

Answer: A

Question: 42

You create a Microsoft Office Excel 2007 workbook. You save the workbook in the C:\Data folder as an OpenXML package. You copy a file named Data.xml from the C:\Data folder to the CustomXML folder in the package. You rename the copied file to Item1.xml. You add the following XML fragment to the Document.xml.rels file in the package. `<Relationship Id="rId1" Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/CustomXML" Target="..." />` You need to ensure that the workbook can use the custom XML document part. Which value should you use for the Target attribute in the XML fragment?

- A. `/Data/Data.xml`
- B. `/CustomXML/Item1.xml`
- C. `C:/Data/Data.xml`
- D. `C:/Data/CustomXML/Item1.xml`

Answer: B

Question: 43

You are creating a custom workbook for Microsoft Office Excel by using Visual Studio Tools for the Microsoft Office System (VSTO). The workbook will be used to import elements from an XML file named Expense.xml. The Expense.xml file is located in the C:\Data folder. The schema of the Expense.xml file is stored in a file that is located at C:\Data\Expense.xsd. The schema contains the following XML fragment.

```
< xsd:element minOccurs="0" maxOccurs="unbounded" name="ExpenseItem ">  
< xsd:complexType > < xsd:sequence > < xsd:element name="Date" type="xsd:date" /> < xsd:element name="Description" type="xsd:string" /> < xsd:element name="Amount" type="xsd:decimal" /> </ xsd:sequence > </ xsd:complexType >  
</ xsd:element >
```

You add the schema to the workbook by using a root element named root. You map the cells of the workbook to display the data from each element described in the XML fragment. You need to ensure that the custom workbook validates the data against the schema. Which code segment should you use?

- A. `This.XmlMaps["root"].SaveDataSourceDefinition = true;`
- B. `This.XmlMaps ["root"]. ShowImportExportValidationErrors = true;`
- C. `Excel.XmlMap map = this.XmlMaps["root"]; this.XmlImport(@"C:\Data\Expense.xml", out map, true, Globals.Sheet1.Range["A1", Type.Missing]);`
- D. `Excel.XmlMap map = this.XmlMaps["root"]; this.XmlImportXml(@"C:\Data\Expense.xml", out map, true, Globals.Sheet1.Range["A1", Type.Missing]);`

Answer: B

Question: 44

You create a custom template for Microsoft Office Word 2007 by using Visual Studio Tools for the Microsoft Office System (VSTO). You add a content control to the custom template. The content control is a placeholder for the first paragraph in the documents that use the custom template. You need to ensure that the users can edit the first paragraph but cannot delete it. Which code segment should you use?

- A. `Control.LockContentControl = true; control.LockContents = false;`
- B. `Control.LockContentControl = true; control.LockContents = true;`
- C. `Control.LockContentControl = false; control.LockContents = true;`
- D. `Control.LockContentControl = false; control.LockContents = false;`

Answer: A

Question: 45

You are creating a document-level solution for Microsoft Office Word 2003 by using Visual Studio Tools for the Microsoft Office System (VSTO). A transformation file is used to convert the solution document to an HTML file. The path to the transformation file is stored in a variable named `filename`. The Uniform Resource Identifier (URI) is stored in a variable named `uri`. An optional alias is stored in a variable named `alias`. You need to ensure that the solution document uses the transformation file that the user provides. Which code segment should you use?

- A. `This.Application.XMLNamespaces.Add ((string)filename, ref uri , ref alias, true);`
- B. `This.XMLSchemaReferences.Add (ref uri , ref alias, ref filename, true);`
- C. `This.XMLNodes.Add ((string)filename, "", ref missing);`
- D. `This.XMLSaveThroughXSLT = (string)filename;`

Answer: D

Question: 46

You create an add-in for Microsoft Office Word 2007 by using Visual Studio Tools for the Microsoft Office System (VSTO). The add-in contains code that customizes the Ribbon user interface (UI). You run the add-in. The add-in does not customize the Ribbon UI and does not display an exception. You need to display the exceptions in the user interface of the add-in when the add-in starts. What should you do?

- A. In the Configuration Manager dialog box for the add-in project, set Active Configuration to Debug.
- B. Under the Word 2007 options, select the Show add-in user interface errors check box.
- C. Add a new application configuration file to your project by using the following XML fragment.
`<configuration> <appSettings> <add key="Debug" value="True"/> </appSettings>
</configuration>`
- D. Add a new application configuration file to your project by using the following XML fragment.
`<configuration> <appSettings> <add key="ShowErrors" value="True"/> </appSettings>
</configuration>`

Answer: B

Question: 47

You are creating an add-in for Microsoft Office Word by using Visual Studio Tools for the Microsoft Office System (VSTO). You write the following lines of code. (Line numbers are included for reference only.)

```
01 try { 02  
Word.Paragraph par =  
    this.Application.ActiveDocument.Paragraphs[2];  
03 par.Range.Text = ""; 04 } 05 ...
```

The application throws an exception if the active Word document does not contain a second paragraph. You need to handle the exception. Which code segment should you insert at line 05?

- A. Catch (COMException ex) { // }
- B. Catch (IndexOutOfRangeException ex) { // }
- C. Catch (IOException ex) { // }
- D. Catch (InvalidRangeException ex) { // }

Answer: A

Question: 48

You create an add-in for Microsoft Office Word 2007 by using Visual Studio Tools for the Microsoft Office System (VSTO). The add-in contains a Ribbon1.xml file that customizes the Ribbon user interface (UI). The Ribbon1.xml file contains the following element. < dropDown id=" CountryCodes " getItemCount=" GetItemCount " getItemLabel = " GetItemLabel "/> You write the following lines of code in the add-in. private System.Collections.ArrayList countries; ... countries = new System.Collections.ArrayList (); countries.Add ("USA"); countries.Add ("JPN"); countries.Add ("IND"); You need to bind the drop-down list to the countries collection. Which code segments should you use? (Each correct answer presents part of the solution. Choose two.)

- A. Public int GetItemCount (Office.IRibbonControl control) { return countries.Capacity ; }
- B. Public int GetItemCount (Office.IRibbonControl control) { return countries.Count ; }
- C. Public string GetItemLabel (Office.IRibbonControl control, int index) { return countries.ToString (); }
- D. Public string GetItemLabel (Office.IRibbonControl control, int index) { return (string)countries[index]; }

Answer: B, D

Question: 49

You create an add-in for Microsoft Office Excel 2007 by using Visual Studio Tools for the Microsoft Office System (VSTO). The add-in has a custom task pane named MyPane.

MyPane contains a user control named MyUserControl. You write the following method that resizes MyUserControl. `public void ResizeControls () { //... }` You need to call the `ResizeControls` method when MyPane is not docked to the Excel 2007 application window. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. Write the following line of code in the Startup event for the add-in.
`MyPane.DockPositionChanged += new EventHandler ( DockChanged );`
- B. Write the following line of code in the Startup event for the add-in.
`MyPane.Control.DockChanged += new EventHandler ( DockChanged );`
- C. Add the following method to the add-in. `void DockChanged (object sender, EventArgs e) { if ( MyPane.Control.Dock == DockStyle.None ) { ResizeControls (); } }`
- D. Add the following method to the add-in. `void DockChanged (object sender, EventArgs e) { if ( MyPane.DockPosition == MsoCTPDockPosition.msoCTPDockPositionFloating ) { ResizeControls (); } }`

Answer: A, D

Question: 50

You are creating an add-in for Microsoft Office Word 2007 by using Visual Studio Tools for the Microsoft Office System (VSTO). You write the following lines of code.

```
Microsoft.Office.Tools.CustomTaskPane pane; private void CreatePane () { pane = this.CustomTaskPanes.Add (new MyUserControl (), "Do Something"); pane.Visible = true; }
```

You need to ensure that only a single instance of the custom task pane is displayed in each single document interface (SDI) window. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. Create the following event handler for the `ThisAddIn.Startup` event. `void ThisAddIn_Startup (object sender, System.EventArgs e) { CreatePane (); }`
- B. Create the following event handler for the `Application.DocumentOpen` event. `void Application_DocumentOpen ( Word.Document Doc) { CreatePane (); }`
- C. Create the following event handler for the `Application.NewDocument` event. `void Application_DocumentNew ( Word.Document Doc) { CreatePane (); }`
- D. Create the following event handler for the `Application.ActiveDocument.New` event. `void ActiveDocument_New () { CreatePane (); }`
- E. Create the following event handler for the `Application.WindowActivate` event. `void Application_WindowActivate ( Word.Document Doc, Word.Window Wn ) { CreatePane (); }`

Answer: B, C

Question: 51

You create an add-in for Microsoft Office Excel by using Visual Studio Tools for the Microsoft Office System (VSTO). You create the following method in the add-in. void DisplayTotal (Excel.Range rng) { //Display total } You write the following code segment in the startup event of the add-in. Excel.Worksheet ws = Globals.ThisAddIn.Application . ActiveSheet as Excel.Worksheet ; ws.SelectionChange += new Excel.DocEvents_SelectionChangeEvent (ws_SelectionChange); The add-in must display the sum of the values in a selected range. If multiple ranges are selected, the add-in must display only the sum of the values in the first selected range. You need to meet the outlined requirements. Which code segment should you use?

- A. Void ws_SelectionChange (Excel.Range Target) { DisplayTotal (Target.Areas [0]); }
- B. Void ws_SelectionChange (Excel.Range Target) { DisplayTotal (Target.Previous); }
- C. Void ws_SelectionChange (Excel.Range Target) { DisplayTotal (Target.Areas [1]); }
- D. Void ws_SelectionChange (Excel.Range Target) { DisplayTotal (Target.CurrentRegion); }

Answer: C

Question: 52

You are creating an add-in for Microsoft Office Word 2007 by using Visual Studio Tools for the Microsoft Office System (VSTO). The add-in contains a custom task pane named MyPane. MyPane is docked by default on the right of the Word application frame. You need to prevent users from changing the default docked position of MyPane. Which code segment should you use?

- A. MyPane.Control.Dock = DockStyle.Right ;
- B. MyPane.DockPosition = Office.MsoCTPDockPosition.msoCTPDockPositionRight ;
- C. MyPane.DockPositionRestrict = Office.MsoCTPDockPositionRestrict.msoCTPDockPositionRestrictNone ;
- D. MyPane.DockPositionRestrict = Office.MsoCTPDockPositionRestrict.msoCTPDockPositionRestrictNoChange ;

Answer: D

Question: 53

You are creating an add-in for Microsoft Office Excel by using Visual Studio Tools for the Microsoft Office System (VSTO). The add-in fills in sales forecast data for each month in an Excel sheet. You write the following method. (Line numbers are included for reference only.)

```
01 public void FillMonths () {
02     Excel.Application app =
    Globals.ThisAddIn.Application ;
03     Excel.Worksheet ws =
    app.ActiveSheet as Excel.Worksheet ;
04     ...
05 }
```

You need to insert the names of the months into the cells in the range A1 through A12. Which code segment should you insert at line 04?

- A. Excel.Range rng = ws.get_Range ("A1", Type.Missing); rng.Value2 = "January"; rng.AutoFill (rng ,

Excel.XIAutoFillType.xlFillMonths);
 B. Excel.Range rng = ws.get_Range ("A1", Type.Missing); rng.Value2 = "January"; rng.AutoFill (rng.EntireColumn , Excel.XIAutoFillType.xlFillMonths);
 C. Excel.Range rng = ws.get_Range ("A1", Type.Missing); rng.Value2 = "January"; rng.AutoFill (ws.get_Range ("A1:A12", Type.Missing), Excel.XIAutoFillType.xlFillMonths)
 D. Excel.Range rng = ws.get_Range ("A1", Type.Missing); rng.Value2 = "January"; rng.AutoFill (ws.get_Range ("A2:A12", Type.Missing), Excel.XIAutoFillType.xlFillMonths);

Answer: C

Question: 54

You are creating an add-in for Microsoft Office Excel 2007 by using Visual Studio Tools for the Microsoft Office System (VSTO). You write the following code segment for the add-in class. Microsoft.Office.Tools.CustomTaskPane pane; private void CreatePane () { pane = this.CustomTaskPanes.Add (new MyUserControl (), "Do Something"); pane.Visible = true; } Users must open multiple workbooks in Excel. You need to ensure that the add-in displays the same instance of the task pane when a user views any of the open workbooks. What should you do?

A. Create the following event handler for the ThisAddIn.Startup event. void ThisAddIn_Startup (object sender, System.EventArgs e) { CreatePane (); }
 B. Create the following event handler for the Application.WorkbookOpen event. void Application_WorkbookOpen (Excel.Workbook Wb) { CreatePane (); }
 C. Create the following event handler for the Application.WorkbookActivate event. void Application_WorkbookActivate (Excel.Workbook Wb) { CreatePane (); }
 D. Create the following event handler for the Application.WindowActivate event. void Application_WindowActivate (Excel.Workbook Wb, Excel.Window Wn) { CreatePane (); }

Answer: A

Question: 55

You develop an add-in for Microsoft Office Excel by using Visual Studio Tools for the Microsoft Office System (VSTO). The add-in contains a class that uses the following method. public void ProcessCells() { Excel.Worksheet ws = Application.ActiveSheet as Excel.Worksheet; List<object> values = new List<object>(); //Your code goes here } The add-in must retrieve the values for the cells in the range A1 through E3. You need to exclude empty cell values when you retrieve cell values from the range. Which code segment should you use?

A. Excel.Range rng = ws.get_Range("A1", "E3"); foreach (Excel.Range r in rng.Cells) { if (r != null) values.Add(r.Value2); }
 B. Excel.Range rng = ws.get_Range("A1", "E3"); foreach (Excel.Range r in rng.Cells) { if (r.Value2 != null) values.Add(r.Value2); }
 C. Excel.Range rng = ws.get_Range("A1", "E3"); for (int x = 0; x < 3; x++) { for (int y = 0; y < 5; y++) { Excel.Range r = rng.Cells[x, y] as Excel.Range; if (r.Value2 != null) values.Add(r.Value2); } }

D. Excel.Range rng = ws.get_Range("A1", "E3"); for (int x = 1; x < 4; x++) { for (int y = 1; y < 6; y++) { Excel.Range r = rng.Cells[x, y] as Excel.Range; if (r != null) values.Add(r.Value2); } }

Answer: B

Question: 56

You are creating an add-in for Microsoft Office Outlook by using Visual Studio Tools for the Microsoft Office System (VSTO). You write the following lines of code. (Line numbers are included for reference only.)

```
01 List< Outlook.MAPIFolder > folders; 02 Outlook.Explorer
explorer; 03 04 public void CreateCollection () { 05 explorer =
Application.ActiveExplorer (); 06 folders = new List<
Outlook.MAPIFolder >(); 07 ProcessFolders (
explorer.CurrentFolder ); 08 } 09 10 public void
ProcessFolders ( Outlook.MAPIFolder folder) { 11 ... 12 }
```

You need to ensure that the folders collection includes all the folders and subfolders within the selected Outlook folder.

Which code segment should you insert at line 11?

- A. Foreach (Outlook.MAPIFolder fldr in folder.Folders) { folders.Add (fldr); }
- B. Foreach (Outlook.MAPIFolder fldr in folder.Folders) { ProcessFolders (fldr); }
- C. Foreach (Outlook.MAPIFolder fldr in folder.Folders) { folders.Add (fldr);
ProcessFolders (fldr); }
- D. Folders.AddRange ((List< Outlook.MAPIFolder >) folder.Folders);

Answer: C

Question: 57

You create an add-in for Microsoft Office Word 2007 by using Visual Studio Tools for the Microsoft Office System (VSTO). The add-in customizes the Ribbon user interface (UI). The add-in contains a file named Ribbon1.xml that has the following markup for two buttons.
<button id="Btn1" onAction =" DoOperation " /> <button id="Btn2" onAction =" DoOperation "
/> You need to create a callback function that runs different code for the buttons. Which code segment should you use?

- A. public void DoOperation (Office.IRibbonControl control) { if (control.Tag == "Btn1") { //Btn1 click } else { //Btn2 click } }
- B. public void DoOperation (Control control) { if (control.Text == "Btn1") { //Btn1 click } else { //Btn2 click } }
- C. public void DoOperation (Office.IRibbonControl control) { if (control.Id == "Btn1") { //Btn1 click } else { //Btn2 click } }
- D. public void DoOperation (Control control) { if (control.ProductName.Equals ("Btn1")) { //Btn1 click } else { //Btn2 click } }

Answer: C

Question: 58

You are creating an add-in for Microsoft Office Word 2007 by using Visual Studio Tools for the Microsoft Office System (VSTO). You customize the Ribbon user interface (UI). You add a Ribbon1.xml file to the add-in. You need to add a built-in save function to a custom tab in the Ribbon UI. Which XML fragment should you use?

- A. `< customUI xmlns ="http: //schemas.microsoft.com/office/2006/01/customui" xmlns:x ="MyNamespace " > ... < button idQ =" x:FileSave " / > ... < / customUI >`
- B. `< customUI xmlns ="http: //schemas.microsoft.com/office/2006/01/customui" > ... < button tag=" FileSave " / > ... < / customUI >`
- C. `< customUI xmlns ="http: //schemas.microsoft.com/office/2006/01/customui" > ... < button idMso =" FileSave " / > ... < / customUI >`
- D. `< customUI xmlns ="http: //schemas.microsoft.com/office/2006/01/customui" > ... < button id=" FileSave " / > ... < / customUI >`

Answer: C

Question: 59

You create an add-in for Microsoft Office Outlook by using Visual Studio Tools for the Microsoft Office System (VSTO). The add-in must set up a WindowSelectionChange event for the Outlook e-mail messages by using Microsoft Office Word as the editor. You write the following lines of code. (Line numbers are included for reference only.)

```
01 void WindowSelectionChange ( Word.Selection Sel ) { 02
Outlook.Inspector ins = Application.ActiveInspector (); 03 if (
ins.EditorType == Outlook.OlEditorType.olEditorWord ) { 04 ... 05
app.WindowSelectionChange += new 06
Word.ApplicationEvents4_WindowSelectionChangeEventHandler 07
( WindowSelectionChange ); 08 } 09 }
```

You need to bind the event to the Word application object.
Which code segment should you insert at line 04?

- A. `Word.Application app = ins.WordEditor as Word.Application ;`
- B. `Word.Application app = ( ins.WordEditor as Word.Document ).Application;`
- C. `Word.Application app = ( ins.CurrentItem as Word.Document ).Application;`
- D. `Word.Application app = ins.CurrentItem as Word.Application ;`

Answer: B

Question: 60

You create an add-in for a Microsoft Office Outlook application by using Visual Studio Tools for the Microsoft Office System (VSTO). The add-in contains a reference to an Outlook folder in a variable named folder. You need to process only the e-mail messages within the folder. Which code segment should you use?

A. Foreach (Outlook.Mailltem item in folder.Items) { if (item.Class == Outlook.OIObjectClass.olMail) { //Process mail } }

B. Foreach (Outlook.Mailltem item in folder.Items) { //Process mail }

C. Foreach (object item in folder.Items) { if ((item as Outlook.Mailltem).Class == Outlook.OIObjectClass.olMail) { //Process mail } }

D. Foreach (object item in folder.Items) { if (item is Outlook.Mailltem) { //Process mail } }

Answer: D