70-540(VB)

TS: Microsoft Windows Mobile Application Development

Q&A

DEMO Version

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QUESTION 1
You create a Microsoft .NET Compact Framework application for Microsoft Windows Mobilebased devices.

You need to create a deployment package for the Windows Mobilebased application.

What should you do?

A. In the main Microsoft Visual Studio 2005 solution for the application, add a Smart Device CAB project. Add the primary output of the Smart Device project to the Smart Device CAB project.
B. In the main Microsoft Visual Studio 2005 solution for the application, add a CAB project. Add the primary output of the Smart Device project to the CAB project.
C. Create an empty text file named App.CAB. Add it to the Smart Device project and set the Build Action property for the App.CAB file to Content.
D. Run the Cabwiz.exe file and reference the Microsoft Visual Studio 2005 solution for the application.

Answer: A

QUESTION 2
You are creating a Microsoft Windows Mobilebased animation application. You create a disposable class named UnmanagedResource to manage drawing operations on the screen. You create a static method in the UnmanagedResource class named LoadResource that loads unmanaged resources.

You must release all the unmanaged resources when the following situations arise:

You finish using all the unmanaged resources.
An exception occurs when you use the UnmanagedResource class.

You need to identify the code segment that meets the outlined requirements.

Which code segment should you use?

A. Using ur As UnmanagedResource = UnmanagedResource.LoadResource() ...
End Using
B. Dim ur As UnmanagedResource = UnmanagedResource.LoadResource() Using ur
...
End Using
C. Dim ur As UnmanagedResource = UnmanagedResource.LoadResource() Try
...
Finally
ur.Dispose()
End Try
D. Dim ur As UnmanagedResource = UnmanagedResource.LoadResource() Try
...
Catch
ur.Dispose()
End Try

Answer: A

QUESTION 3
You are creating a Microsoft Windows Mobilebased application by using Microsoft .NET Compact Framework 2.0.

The Windows Mobilebased application will be deployed to multiple Windows Mobile device platforms. You open Device Emulator Manager and attempt to access the emulators for the devices. You discover that the emulators are closed.

You need to ensure that you can test the application for each device platform.

What should you do?

A. Restore an image for each device emulator.
B. Connect to each device emulator.
C. Cradle each device emulator.
D. Reset each device emulator.

Answer: B

QUESTION 4
You create a Microsoft Windows Mobilebased application that retrieves data from a Web service.
You test the Windows Mobilebased application in a Windows Mobile 5.0 emulator. The application fails to connect to the Web service. You discover that Microsoft ActiveSync is not installed on the desktop computer.

You need to ensure that the application connects to the Web service from the emulator.

Which two tasks should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Install Microsoft Web Services Enhancements 3.0.
B. Install the Microsoft Virtual Machine Network Services driver for the emulator.
C. Configure the TCP settings for the emulator to use TCP Connect Transport and configure the emulator to use a static IP address.
D. Configure the connection settings to allow DMA connections.
E. Configure the connection settings to connect the computer to the Internet.

Answer: BC

QUESTION 5
You create a Microsoft Windows Mobilebased application.

You need to enable performance counters and logging for the application and log the information to a separate file.

What should you do?

A. Rebuild the application by using the /log:filename command option.
B. Use the Devenv command to specify the log file for the application.
C. Create an instance of the TraceListener class in the application.
D. Set the HKLM\Software\Microsoft\.NETCompactFramework\Diagnostics\Logging\UseApp registry key to 1.

Answer: D

QUESTION 6
You create a Microsoft .NET Compact Framework assembly for Microsoft Windows Mobilebased devices.

All assemblies must be strong named. The key pair file is named ContosoKeyPair.snk.

You need to ensure that the outlined requirement is met by using Microsoft Visual Studio 2005.
What should you do?

A. Authenticode sign the assembly with the ContosoKeyPair.snk file.
B. Add the ContosoKeyPair.snk file to the project, and set the Build Action property to Embedded Resource.
C. Set the AssemblyKeyFile property to the location of the ContosoKeyPair.snk file.
D. Add the ContosoKeyPair.snk file to the project, and set the Build Action property to Content.

Answer: C

QUESTION 7
You are creating a Microsoft Windows Mobilebased application. The application will allow users to send e-mail messages to support@contoso.com.

The txtEmail text box control contains the e-mail message to be sent.

You need to send the e-mail message by using an existing e-mail account.

Which code segment should you use?

A.
```
Private Sub btnSendEmail_ClickA_InCorrect( _
ByVal sender As Object, ByVal e As EventArgs)
Dim message As New EmailMessage
message.BodyText = Me.txtEmail.Text
message.Send("support@contosso.com")
End Sub
```
B.
```
Private Sub btnSendEmail_ClickB_InCorrect( _
ByVal sender As Object, ByVal e As EventArgs)
Dim session As New OutlookSession
Dim mailAccount As EmailAccount = session.EmailAccounts(0) Dim message As New EmailMessage
message.BodyText = Me.txtEmail.Text
message.Send("support@contosso.com")
End Sub
```
C.
```
Private Sub btnSendEmail_ClickC_Correct( _
ByVal sender As Object, ByVal e As EventArgs)
Dim session As New OutlookSession
Dim mailAccount As EmailAccount = session.EmailAccounts(0) Dim message As New EmailMessage
message.BodyText = Me.txtEmail.Text
message.To.Add(New Recipient("support@contosso.com"))
message.Send(mailAccount)
End Sub
```
D.
```
Private Sub btnSendEmail_ClickD_InCorrect( _
ByVal sender As Object, ByVal e As EventArgs)
Dim message As New EmailMessage
message.BodyText = Me.txtEmail.Text
message.To.Add(New Recipient("support@contosso.com"))
message.Send(message.From.Address)
End Sub
```

Answer: C

QUESTION 8
You are creating a Microsoft Windows Mobilebased application. The application must receive Windows messages from a native application.

You write the following code segment.

```
Public Class MsgWin
Inherits MessageWindow
Private Const WM_APP As Integer = &H800
Public MessageReceived As EventHandler
End Class
```

You need to add code to the MsgWin class to ensure that the application raises the MessageReceived event when a WM_APP message is received.

Which code segment should you use?

A.
```
Protected Overrides Sub WndProc(ByRef m As Message)
If Not m.Msg = WM_APP Then
If Not MessageReceived Is Nothing Then
MessageReceived(Me, Nothing)
End If
End If
MyBase.WndProc(m)
End Sub
```

B.
```
Protected Overrides Sub WndProc(ByRef m As Message)
If m.Msg = WM_APP Then
If Not MessageReceived Is Nothing Then
MessageReceived(Me, Nothing)
End If
End If
MyBase.WndProc(m)
End Sub
```

C.
```
Protected Overrides Sub WndProc(ByRef m As Message)
If m.Result = CType(WM_APP, IntPtr) Then
If Not MessageReceived Is Nothing Then
MessageReceived(Me, Nothing)
End If
End If
MyBase.WndProc(m)
End Sub
```

D.
```
Protected Overrides Sub WndProc(ByRef m As Message)
If m.LParam = CType(WM_APP, IntPtr) Then
If Not MessageReceived Is Nothing Then
MessageReceived(Me, Nothing)
End If
End If
MyBase.WndProc(m)
End Sub
```

Answer: B

QUESTION 9
You are creating a Microsoft Windows Mobilebased application. The application will present a Notification bubble after finishing a long-running process in a separate thread.

You write the following code.

```
Dim notify As New Microsoft.WindowsCE.Forms.Notification() Dim text As String = _
"<html><body><form method='GET' action=notify>"
text += "<SELECT NAME='list'>"
text += "<OPTION VALUE='0'>Start now</OPTION>"
text += "<OPTION VALUE='1'>Postpone</OPTION>"
text += "</SELECT>"
text += "<input type=submit >"
text += "</body></html>"
notify.Text = text
AddHandler notify.ResponseSubmitted, _
AddressOf notify_ResponseSubmitted
```

The notify_ResponseSubmitted event handler must meet the following requirements:

Identify the selection in the drop-down list box.
Either display the DataDetailsForm form immediately or temporarily hide the Notification bubble and display a Notification icon on the title bar.

You need to write the code segment to meet the outlined requirements.

Which code segment should you use?

A.
```
Dim choice As Integer = _ Convert.ToInt32(e.Response.Substring(12, 1)) If choice = 1 Then
notify.Visible = False
Dim form As New DataDetailsForm()
form.Show()
Else
notify.InitialDuration = 0
notify.Visible = True
End If.
```

B.
```
Dim choice As Integer = _ Convert.ToInt32(e.Response.Substring(12, 1)) If choice = 0 Then
notify.Visible = False
Dim form As New DataDetailsForm()
form.Show()
Else
notify.InitialDuration = 0
notify.Visible = True
End If
```

C.
```
Dim choice As Integer = _ Convert.ToInt32(e.Response.Substring(12, 1)) If choice = 0 Then
notify.Visible = True
Dim form As New DataDetailsForm()
form.Show()
Else
notify.InitialDuration = 10
notify.Visible = False
End If
```

D.
```
Dim choice As Integer = _ Convert.ToInt32(e.Response.Substring(12, 1)) If choice = 1 Then
Dim form As New DataDetailsForm()
form.Show()
Else
notify.InitialDuration = 0
End If
```

Answer: B

QUESTION 10
You are creating an application for Microsoft Windows Mobilebased devices.
The application contains a Windows Form. The form contains a private variable named state of the type SystemState.

You need to retrieve the phone number of an incoming call when the phone rings.

Which two tasks should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Write the following code segment in the constructor of the form.
state = New SystemState(SystemProperty.PhoneIncomingCallerContact) AddHandler state.Changed, AddressOf state_Changed
B. Write the following code segment in the constructor of the form.
state = New SystemState(SystemProperty.PhoneIncomingCallerNumber) AddHandler state.Changed, AddressOf state_Changed
C. Write the following code segment in the constructor of the form.
state = New SystemState(SystemProperty.PhoneTalkingCallerContact) AddHandler state.Changed, AddressOf state_Changed
D. Write the following code segment in the constructor of the form.
state = New SystemState(SystemProperty.PhoneTalkingCallerNumber) AddHandler state.Changed, AddressOf state_Changed
E. Add the following event handler in the form.
Sub state_Changed(_
ByVal sender As Object, ByVal args As ChangeEventArgs)
Dim mContact As Contact = CType(args.NewValue, Contact)
Dim number As String = mContact.MobileTelephoneNumber
End Sub
F. Add the following event handler in the form.
Sub state_Changed(_
ByVal sender As Object, ByVal args As ChangeEventArgs)
Dim number As String = args.NewValue.ToString()
End Sub

Answer: BF