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A Composite Solution With Just One Click

Microsoft

70-506 PRACTICE EXAM

Microsoft Silverlight 4

Question: 1

You are developing a Silverlight 4 application.
The application defines the following three event handlers. (Line numbers are included for refer ence only.)

```
01 private void HandleCheck(object sender, RoutedEventArgs e)
02 {
03 MessageBox.Show("Checked");
04 }
05
06 private void HandleUnchecked(object sender, RoutedEventArgs e)
07 {
08 MessageBox.Show("Unchecked");
09 }
10
11 private void HandleThirdState(object sender, RoutedEventArgs e)
12 {
13 MessageBox.Show("Indeterminate");
14 }
```

You need to allow a check box that can be selected, cleared, or set to Indeterminate. You also need to ensure that the event handlers are invoked when the user changes the state of the control. Which XAML fragment should you use?

A. <CheckBox x:Name="cb2" Content="Three State CheckBox" IsChecked="True" Checked="Handle Check "Indeterminate = "Handle Unchecked" Unchecked = "Handle Unchecked" />
B. <CheckBox x:Name="cb2" Content="Three State CheckBox" IsThreeState="True" Checked="HandleCheck" Indeterminate = "Handle Third State" Unchecked ="Handle Unchecked" />
C. <CheckBox x:Name="cb2" Content="Three State Check Box" Is HitT est Visible ="True" Checked ="Handle Check" Indeterminate ="Handle Third State" Unchecked="HandleUnchecked" />
D. <CheckBox x:Name="cb2" Content="Three State CheckBox" IsEnabled="True" Checked="Handle Check" Indeterminate ="Handle Unchecked" Unchecked ="Handle Unchecked" />

Answer: B

Question: 2

You are developing a Silverlight 4 application.
The application contains an XAML page that defines the following Grid control.

```
<Grid Name="gridBody" >
<Grid.RowDefinitions>
<RowDefinition />
<RowDefinition />
</Grid.RowDefinitions>
<TextBlock Text="Employee Info" />
```

<TextBlock Text="Please enter employee info" Grid.Row="1" Height="20"
VerticalAlignment="Top" />
<TextBox x:Name="EmpInfo" Grid.Row="1" Margin="0,25,0,0"
TextWrapping="Wrap" /></Grid>
The codebehind file for myPage.xaml contains the following code segment. (Line numbers are included f or reference only.)
01 public myPage()
02 {
03 InitializeComponent();
04
05 UserControl control = new MyCustomControl();
06
07 }
You need to replace the contents of the second row of gridBody with a user control of the
MyCu stomControl type. Which code segment should you insert at line 06?

A. gridBody.Children.Insert(1, control);
B. gridBody.RowDefinitions.Remove(gridBody.RowDefinitions[1]); gridBody.Children.Insert(1,
control);
C. gridBody.Children.Clear(); Grid.SetRow(control, 1); gridBody.Children.Add(control);
D. List<UIElement> remove = gridBody.Children.Where(c => c is FrameworkElement &&
Grid.GetRow((FrameworkElement)c) == 1).ToList(); foreach (UIElement element in
remove)
{
gridBody.Children.Remove(element);
}
Grid.SetRow(control, 1);
gridBody.Children.Add(control);

Answer: D

Question: 3

You are developing a Silverlight 4 application. The application defines the following XAML fragment. (Line numbers are included for reference only.)
01 <ComboBox>
02 <ComboBoxItem Content="Item 1" />
03 <ComboBoxItem Content="Item 2" />
04 <ComboBoxItem Content="Item 3" />
05 </ComboBox>
The codebehind file contains the following code segment. (Line numbers are included for reference only.)
06 void PrintText(object sender, SelectionChangedEventArgs args){
07
08 MessageBox.Show("You selected " + cbi.Content.ToString() + ".");
09 }
You need to ensure that when the user selects an item in a ComboBox control, the content of t he item is displayed.
What should you do?

A. Replace the following XAML fragment at line 01. <ComboBox
SelectionChanged="PrintText"> Add the following code segment at line 07.
ComboBoxItem cbi = ((sender as ComboBox).SelectedItem as ComboBoxItem);

B. Replace the following XAML fragment at line 01. <ComboBox
SelectionChanged="PrintText"> Add the following code segment at line 07.
ComboBoxItem cbi = ((sender as ComboBox).SelectedIndex as ComboBoxItem);
C. Replace the following XAML fragment at line 01. <ComboBox
DropDownClosed="PrintText"> Add the following code segment at line 07.
ComboBoxItem cbi = ((sender as ComboBox).SelectedItem as ComboBoxItem);
D. Replace the following XAML fragment at line 01. <ComboBox
DropDownClosed="PrintText"> Add the following code segment at line 07.
ComboBoxItem cbi = ((sender as ComboBox).SelectedIndex as ComboBoxItem);

Answer: A

Question: 4

You are developing a Silverlight 4 application.
You have a collection named ColPeople of the List<Person> type. You define the Person class according to the following code segment.

```
public class Person
{
public string Name {get; set;}
public string Description { get; set; } public string Gender { get; set; } public int Age {
get; set; }
public int Weight { get; set; }
}
```

You need to bind ColPeople to a ComboBox so that only the Name property is displayed.
Which XAML fragment should you use?

A. <ComboBox DataContext="{Binding ColPeople}" ItemsSource="{Binding ColPeople}"
DisplayMemberPath="Name" />
B. <ComboBox DataContext="{Binding Person}" ItemsSource="{Binding Person}"
DisplayMemberPath="ColPeople" />
C. <ComboBox DataContext="{Binding ColPeople}" DisplayMemberPath="Name" />
D. <ComboBox DataContext="{Binding Person}" />

Answer: A

Question: 5

You are developing a Silverlight 4 application. You define an Invoice object according to the following code segment.

```
Public class Invoice
{
public int InvoiceId { get; set; } public double Amount { get; set; } public Supplier
Supplier { get; set; }
public DateTime InvoiceDate { get; set; } public DateTime PayDate { get; set; } public
string InvoiceDescription { get; set; }
}
```

You need to display a list of invoices that have the following properties displayed on each line: I
nvoiceId, Amount, and InvoiceDate. Which XAML fragment should you use?

A. <ListBox x:Name="InvoiceListBox">
<StackPanel Orientation="Horizontal">
<TextBlock Text="{Binding Path=InvoiceId}" />
<TextBlock Text="{Binding Path=Amount}" />
<TextBlock Text="{Binding Path=InvoiceDate}" />
</StackPanel>
</ListBox>
B. <ListBox x:Name="InvoiceListBox">
<StackPanel Orientation="Horizontal">
<ListBoxItem>
<TextBlock Text="{Binding Path=InvoiceId}" />
</ListBoxItem>
<ListBoxItem>
<TextBlock Text="{Binding Path=Amount}" />
</ListBoxItem>
<ListBoxItem>
<TextBlock Text="{Binding Path=InvoiceDate}" />
</ListBoxItem>
</StackPanel>
</ListBox>
C. <ListBox x:Name="InvoiceListBox">
<ListBox.Items>
<ItemsPanelTemplate>
<StackPanel Orientation="Horizontal">
<TextBlock Text="{Binding Path=InvoiceId}" />
<TextBlock Text="{Binding Path=Amount}" />
<TextBlock Text="{Binding Path=InvoiceDate}" />
</StackPanel>
</ItemsPanelTemplate>
</ListBox.Items>
</ListBox>
D. <ListBox x:Name="InvoiceListBox">
<ListBox.ItemTemplate>
<DataTemplate>
<StackPanel Orientation="Horizontal">
<TextBlock Text="{Binding Path=InvoiceId}" />
<TextBlock Text="{Binding Path=Amount}" />
<TextBlock Text="{Binding Path=InvoiceDate}" />
</StackPanel>
</DataTemplate>
</ListBox.ItemTemplate>
</ListBox>

Answer: D

Question: 6

You are developing a Silverlight 4 application. You define the visual behavior of a custom control in the ControlTemplate by defining a VisualState object named Selected. You need to change the visual state of the custom control to the selected state. Which code segment or XAML fragment should you use?

A. VisualStateManager.GoToState(this, "Selected", true);
B. <VisualTransition To="Selected">
<Storyboard>
</Storyboard>
</VisualTransition>
C. <VisualTransition From="Selected">
<Storyboard>
</Storyboard>
</VisualTransition>
D. public static readonly DependencyProperty SelectedProperty =
DependencyProperty.Register("Selected", typeof(VisualState), typeof(MyControl), null);
public VisualState Selected
{
get { return (VisualState)GetValue(SelectedProperty); }
set { SetValue(SelectedProperty, value); }
}

Answer: A

Question: 7

You are developing an application by using Silverlight 4 and Microsoft .NET Framework
4. You create a new user control in the application. You add the following XAML fragment to the control.
<StackPanel KeyDown="App_KeyDown" Orientation="Vertical">
<TextBox x:Name="firstName" />
<TextBox x:Name="lastName" />
<TextBox x:Name="address" />
</StackPanel>
You add the following code segment in the code behind file of the control. (Line numbers are included for reference only.)
01 private void App_KeyDown(object sender, KeyEventArgs e)
02 {
03
04 }
05
06 private void FirstAndLastNameKeyDown()
07 {
08 ...
09 }
You need to ensure that the First And LastName KeyDown method is invoked when a key is pressed while the focus is on the firstName or lastName TextBox controls. You also need to ensure that the default behavior of the controls remains unchanged.
Which code segment should you add at line 03?

A. if (((FrameworkElement)sender).Name == "firstName" ||
((FrameworkElement)sender).Name == "lastName")
{
FirstAndLastNameKeyDown();
}
e.Handled = false;
B. if (((FrameworkElement)sender).Name == "firstName" ||

```
((FrameworkElement)sender).Name == "lastName")
{
FirstAndLastNameKeyDown();
}
e.Handled = true;
C. if (((FrameworkElement)e.OriginalSource).Name == "firstName" ||
((FrameworkElement)e.OriginalSource).Name == "lastName")
{
FirstAndLastNameKeyDown();
}
e.Handled = false;
D. if (((FrameworkElement)e.OriginalSource).Name == "firstName" ||
((FrameworkElement)e.OriginalSource).Name == "lastName")
{
FirstAndLastNameKeyDown();
}
e.Handled = true;
```

Answer: C

Question: 8

You are developing an application by using Silverlight 4 and Microsoft .NET Framework 4. The application has a TextBox control named txtName. You need to handle the event when txtName has the focus and the user presses the F2 key. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

```
A. txtName.KeyDown += new KeyEventHandler(txtName_KeyDown);
B. txtName.LostFocus += new RoutedEventHandler(txtName_LostFocus);
C. txtName.TextChanged += new TextChangedEventHandler(txtName_TextChanged);
D. void txtName_TextChanged(object sender, TextChangedEventArgs e)
{
if ((Key)e.OriginalSource == Key.F2)
{
//Custom logic
}}
E. void txtName_KeyDown(object sender, KeyEventArgs e)
{
if (e.Key == Key.F2)
{
//Custom logic
}}
F. void txtName_LostFocus(object sender, RoutedEventArgs e)
{
if ((Key)e.OriginalSource == Key.F2)
{
//Custom logic
}
```

Answer: A, E

Question: 9

You are developing an application by using Silverlight 4 and Microsoft .NET Framework 4. The application contains the following XAML fragment.

```
<TextBlock x:Name="QuoteOfTheDay" />
```

The application calls a Windows Communication Foundation (WCF) service named MyService t hat returns the quote of the day and assigns it to the QuoteOfTheDay TextBlock.
The application contains the following code segment. (Line numbers are included for reference only.)

```
01 var client = new MyService.MyServiceClient();
02 client.GetQuoteOfTheDayCompleted += (s, args) => QuoteOfTheDay.Text = args.Result;
03 client.GetQuoteOfTheDayAsync();
```

You need to handle errors that might occur as a result of the service call. You also need to provide a default value of "Unavailable" when an error occurs.
Which code segment should you replace at lines 02 and 03?

A.
```
QuoteOfTheDay.Text = "Unavailable";
client.GetQuoteOfTheDayCompleted += (s, args) => QuoteOfTheDay.Text =
args.Result;
client.GetQuoteOfTheDayAsync();
```

B.
```
client.GetQuoteOfTheDayCompleted += (s, args) =>
{
if (args.Result != null)
{
QuoteOfTheDay.Text = args.Result;
}
else
{
QuoteOfTheDay.Text = "Unavailable";
}
};
client.GetQuoteOfTheDayAsync();
```

C.
```
client.GetQuoteOfTheDayCompleted += (s, args) => QuoteOfTheDay.Text =
args.Result;
try
{
client.GetQuoteOfTheDayAsync();
}
catch (Exception ex)
{
// TODO: handle exception
QuoteOfTheDay.Text = "Unavailable";
}
```

D.
```
client.GetQuoteOfTheDayCompleted += (s, args) =>
{
if (args.Error == null)
{
QuoteOfTheDay.Text = args.Result;
}e
lse
{
// TODO: handle error
```

```
QuoteOfTheDay.Text = "Unavailable";
}
};
client.GetQuoteOfTheDayAsync();
```

Answer: D

Question: 10

You are developing an application by using Silverlight 4 and Microsoft .NET Framework 4. You create a Windows Communication Foundation (WCF) Data Service. You add a service reference to the WCF Data Service named NorthwindEntities in the Silverlight application. You also add a CollectionViewSource object named ordersViewSource in the Silverlight application.

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

```
01 void getOrders_Click(object sender, RoutedEventArgs e)
02 {
03 var context = new NorthwindEntities();
04
05 var query = from order in context.Orders
06 select order;
07
08 }
```

You need to retrieve the Orders data from the WCF Data Service and bind the data to the ordersViewSource object.

Which two actions should you perform?

(Each correct answer presents part of the solution. Choose two.)

A. Add the following code segment at line 04. var obsCollection = new ObservableCollection<Order>();

B. Add the following code segment at line 04. var dsOrders = new DataServiceCollection<Order>(); dsOrders.LoadCompleted += new EventHandler<LoadCompletedEventArgs>((dsc, args) =>
{
});
ordersViewSource.Source = dsOrders;

C. Add the following code segment at line 07. dsOrders.LoadAsync(query);

D. Add the following code segment at line 07. dsOrders.Load(query);

E. Add the following code segment at line 07. query.ToList().ForEach(o => obsCollection.Add(o)); ordersViewSource.Source = obsCollection;

Answer: B, C

Question: 11

You are developing an application by using Silverlight 4 and Microsoft .NET Framework 4. You add a BackgroundWorker object named worker to the application.

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

```
01 public MainPage()
02 {
03 InitializeComponent();
04 worker.WorkerSupportsCancellation = true;
05 worker.DoWork += new DoWorkEventHandler(worker_DoWork);
06
```

```
worker.RunWorkerCompleted += new
RunWorkerCompletedEventHandler(worker_Completed)
07 }
08 private void worker_DoWork(object sender, DoWorkEventArgs e)
09 {
10 for (int i = 0; i < 100; i++) {
11 InvokeLongRunningProcessStep();
12 }
13 }
```

You need to ensure that worker can be properly canceled. Which code segment should you use to replace line 11?

```
A. var cancel = (sender as BackgroundWorker).CancellationPending;
if(cancel) {
(sender as BackgroundWorker).CancelAsync();
break;
}
else { InvokeLongRunningProcessStep();
}
B. var cancel = (sender as BackgroundWorker).CancellationPending;
if(cancel) { e.Cancel = true; break;
}
else { InvokeLongRunningProcessStep();
}
C. var cancel = e.Cancel;
if(cancel) {
(sender as BackgroundWorker).CancelAsync();
break;
}
else { InvokeLongRunningProcessStep();
}
D. var cancel = e.Cancel;
if(cancel) { e.Cancel = true; break;
}
else { InvokeLongRunningProcessStep();
}
```

Answer: B

Question: 12

You are developing an application by using Silverlight 4 and Microsoft .NET Framework 4.
You add a BackgroundWorker object named worker to the application. You also add a CheckB ox control named checkBox and a TextBlock control named statusTextBlock.
You add the follo wing code segment. (Line numbers are included for reference only.)

```
01 public MainPage()
02 {
03 InitializeComponent();
04 worker.WorkerReportsProgress = true;
05 worker.DoWork += new DoWorkEventHandler(worker_DoWork);
06
```

```
worker.ProgressChanged += new ProgressChangedEventHandler(worker_ProgressChanged);
07 }
08 private void worker_DoWork(object sender, DoWorkEventArgs e)
09 {
10 for (int i = 0; i < 100; i++) {
11 bool isChecked = checkBox.IsChecked.HasValue &&
checkBox.IsChecked.Value;
12 ExecuteLongRunningProcessStep(isChecked);
13 worker.ReportProgress(i);
14 }
15 }
16 private void worker_ProgressChanged(object sender, ProgressChangedEventArgs
e)
17 {
18 statusTextBlock.Text = e.ProgressPercentage + "%";
19 }
```

You attempt to run the application. You receive the following error message:
"Invalid crossthread acce ss."
You need to ensure that worker executes successfully. What should you do?

A. Replace line 11 with the following code segment.

```
var b = (bool )checkBox.GetValue(CheckBox.IsCheckedProperty);
bool isChecked = b.HasValue && b.Value;
```

B. Replace line 11 with the following code segment. bool isChecked = false;

```
Dispatcher.BeginInvoke(() =>
{
});
isChecked = checkBox.IsChecked.HasValue && checkBox.IsChecked.Value;
```

C. Replace line 18 with the following code segment.

```
statusTextBlock.SetValue(TextBlock.TextProperty, e.ProgressPercentage + "%");
```

D. Replace line 18 with the following code segment.

```
Dispatcher.BeginInvoke(() =>
{
});
statusTextBlock.Text = e.ProgressPercentage + "%";
```

Answer: B

Question: 13

You are developing an application by using Silverlight 4 and Microsoft .NET Framework 4. You add the following code segment. (Line numbers are included for reference only.)

```
01 public class MyControl : Control
02 {
03
04 public string Title
05 {
06 get { return (string)GetValue(TitleProperty); }
07 set { SetValue(TitleProperty, value); }
08 }
09 }
```

You need to create a dependency property named TitleProperty that allows developers to set th e Title. You also need to ensure that the default value of the TitleProperty dependency property is set to Untitled. Which code segment you add at line 03?

A. public static readonly DependencyProperty TitleProperty =
DependencyProperty.Register("Untitled",
typeof(string), typeof(MyControl), null);
B. public static readonly DependencyProperty TitleProperty =
DependencyProperty.Register("Untitled",
typeof(string), typeof(MyControl),
new PropertyMetadata("Title"));
C. public static readonly DependencyProperty TitleProperty =
DependencyProperty.Register("Title",
typeof(string), typeof(MyControl),
new PropertyMetadata("Untitled"));
D. public static readonly DependencyProperty TitleProperty =
DependencyProperty.Register("Title",
typeof(string), typeof(MyControl),
new PropertyMetadata(new PropertyChangedCallback((depObj, args) =>
{
depObj.SetValue(MyControl.TitleProperty, "Untitled");
})));

Answer: C

Question: 14

You are developing an application by using Silverlight 4 and Microsoft .NET Framework
4. You create a control named MyControl in the application. Each instance of the control contains a list of FrameworkElement objects.
You add the following code segment. (Line numbers are included for reference only.)
01 public class MyControl : Control
02 {
03
04 public List<FrameworkElement> ChildElements
05 {
06 get {
07 return List<FrameworkElement>)GetValue(MyControl.ChildElementsProperty);
08 }
09 }
10
11 public MyControl()
12 {
13
14 }
15 static MyControl()
16 {
17
18 }
19 }
You need to create the ChildElementsProperty dependency property. You also need to initialize the property by using

an empty list of FrameworkElement objects.
Which two actions should you perform?
(Each correct answer presents part of the solution. Choose two.)

A. Add the following code segment at line 03.
public static readonly DependencyProperty ChildElementsProperty =
DependencyProperty.Register("ChildElements", typeof(List<FrameworkElement>),
typeof(My Control),
new PropertyMetadata(new List<FrameworkElement>()));
B. Add the following code segment at line 03.
public static readonly DependencyProperty ChildElementsProperty =
DependencyProperty.Register("ChildElements", typeof(List<FrameworkElement>),
typeof(My Control),
new PropertyMetadata(null));
C. Add the following code segment at line 13.
SetValue(MyControl.ChildElementsProperty, new List<FrameworkElement>());
D. Add the following code segment at line 17.
ChildElementsProperty =
DependencyProperty.Register("ChildElements", typeof(List<FrameworkElement>),
typeof(My
Control), new PropertyMetadata(new List<FrameworkElement>()));

Answer: B, C

Question: 15

You are developing an application by using Silverlight 4 and Microsoft .NET Framework 4. You add the following code segment. (Line numbers are included for reference only.)
01 var outerCanvas = new Canvas();
02 var innerCanvas = new Canvas();
03 innerCanvas.Width = 200;
04 innerCanvas.Height = 200;
05 outerCanvas.Children.Add(innerCanvas);
06
You need to set the distance between the left of the innerCanvas element and the left of the out erCanvas element to 150 pixels.
Which code segment should you add at line 06?

A. outerCanvas.Margin = new Thickness(0.0, 150.0, 0.0, 0.0);
B. innerCanvas.Margin = new Thickness(0.0, 150.0, 0.0, 0.0);
C. outerCanvas.SetValue(Canvas.LeftProperty, 150.0);
D. innerCanvas.SetValue(Canvas.LeftProperty, 150.0);

Answer: D

Question: 16

You are developing a Silverlight 4 application. The application contains a Product class that has a publicBoolean property named IsAvailable.
You need to create a value converter that binds data to the Visibility property of a Button control

Which code segment should you use?

A. public class BoolToVisibilityConverter : IValueConverter
{
public object Convert(object value, Type targetType, object parameter,
System.Globalization. CultureInfo
culture)
{
bool result = System.Convert.ToBoolean(parameter);
return result Visibility.Visible : Visibility.Collapsed;
}
public object ConvertBack(object value, Type targetType, object parameter,
System.Globalization.CultureInfo culture)
{
throw new NotImplementedException();
}}
B. public class BoolToVisibilityConverter : IValueConverter
{
public object Convert(object value, Type targetType, object parameter,
System.Globalization. CultureInfo
culture)
{
bool result = System.Convert.ToBoolean(value);
return result Visibility.Visible : Visibility.Collapsed;
}
public object ConvertBack(object value, Type targetType, object parameter,
System.Globalization.CultureInfo culture)
{
throw new NotImplementedException();
}}
C. public class BoolToVisibilityConverter : PropertyPathConverter
{
public object Convert(object value, Type targetType, object parameter,
System.Globalization. CultureInfo
culture)
{
return this.ConvertTo(value, typeof(Visibility));
}
public object ConvertBack(object value, Type targetType, object parameter,
System.Globalization.CultureInfo culture)
{
throw new NotImplementedException();
}}
D. public class BoolToVisibilityConverter
{
public object Convert(object value, Type targetType, object parameter,
System.Globalization. CultureInfo
culture)
{
bool result = System.Convert.ToBoolean(value);
return result Visibility. Visible : Visibility. Collapsed;

```
}
public object ConvertBack(object value, Type targetType, object parameter,
System.Globalization.CultureInfo culture)
{
throw new NotImplementedException();
}}
```

Answer: B

Question: 17

You are developing a Silverlight 4 application. The application contains a Product class that has a public string property named Name.
You create a TextBox control by using the following XAML fragment.
<TextBox Text="{Binding Name, ValidatesOnDataErrors=True}" />
You need to ensure that validation errors are reported to the user interface. You also need to ensure that a validation error will occur when the TextBox control is empty.
Which code segment should you use?

A.
```
public class Product
{
[Required()]
public string Name { get; set; }
}
```
B.
```
public class Product : IDataErrorInfo
{
public string Name { get; set; }
public string Error { get { return null; } }
public string this[string columnName]
{
get
{
if (columnName == "Name" && string.IsNullOrEmpty(Name))
{t
hrow new ValidationException("Name should not be empty! ");
}
return string.Empty;
}}
}
```
C.
```
public class Product : IDataErrorInfo
{
public string Name { get; set; }
public string Error { get { return null; } }
public string this[string columnName]
{
get
{
if (columnName == "Name" && string.IsNullOrEmpty(Name))
{
return "Name should not be empty!";
}
```

```
return string.Empty;
}}}
```

D.

```
public class Product
{
private string _name;
public string Name
{
get { return _name; }
set
{
if (string.IsNullOrEmpty(value))
throw new ValidationException("Name should not be empty! ");
_name = value;
}}}
```

Answer: C

Question: 18

You are developing a ticketing application by using Silverlight 4. You have a listbox named lstTickets that contains a list of the tickets. The page contains a button that allows the user to print t he tickets. The PrintView UserControl binds to the type in lstTickets and is designed to fit a standard sheet of paper. You add the following code segment to the button event handler. (Line numbers are included for reference only.)

```
01 var doc = new PrintDocument();
02 var view = new PrintView();
03 doc.PrintPage += (s, args) =>
04 {
05 var ppc = doc.PrintedPageCount;
06 if (ppc < lstTickets.Items.Count)
07 {
08 var data = lstTickets.Items[ppc];
09 view.DataContext = data;
10 args.PageVisual = view;
11
12
13 }
14 };
15 doc.Print("tickets");
```

You need to use the Silverlight printing API to print each ticket on its own page. You also need to ensure that all tickets in the listbox are printed.

Which code segment should you insert at lines 11 and 12?

A. `if (args.HasMorePages == false) return;`
B. `if (args.HasMorePages == true) return;`
C. `if (doc.PrintedPageCount < this.lstTickets.Items.Count 1) args.HasMorePages = true;`
D. `if (ppc == this.lstTickets.Items.Count 1) doc.EndPrint += (o, p) => { return; };`

Answer: C

Question: 19

You are developing an outofbrowser application by using Silverlight 4. The main page of the application contains the following code segment.

```
public MainPage()
{
InitializeComponent();
Network Change .Network Address Changed += (s, e) => Check Network Status And
Raise Toast(
); Check Network Status And Raise Toast();
}
```

You need to ensure that the application will raise a toast notification when network connectivity changes. Which two actions should you perform in the CheckNetworkStatusAndRaiseToast me thod? (Each correct answer presents part of the solution. Choose two.)

A. Verify that App.Current.IsRunningOutOfBrowser is true.
B. Verify that App.Current.IsRunningOutOfBrowser is false.
C. Verify that App.Current.HasElevatedPermissions is true.
D. Verify that App.Current.HasElevatedPermissions is false.
E. Examine NetworkInterface.GetIsNetworkAvailable().
F. Call App.Current.CheckAndDownloadUpdateAsync() in a try/catch block.

Answer: A, E

Question: 20

You have a Silverlight 4 application that uses isolated storage. You create an application that h as a 5 MB file that must be saved to isolated storage. Currently, the application has not allocated enough isolated storage to save the file. You need to ensure that the application prompts the user to increase the isolated storage allocation. You also need to ensure that only the minimum amount of space needed to save the 5 MB file is requested.
Which code segment should you use?

A.
```
using (var store = IsolatedStorageFile.GetUserStoreForApplication())
{
var neededSpace = 5242880;
if (store.IncreaseQuotaTo(neededSpace))
{}}
```

B.
```
using (var store = IsolatedStorageFile.GetUserStoreForApplication())
{
var neededSpace = 5242880;
if (store.IncreaseQuotaTo(store.Quota + neededSpace))
{}}
```

C.
```
using (var store = IsolatedStorageFile.GetUserStoreForApplication())
{
var neededSpace = 5242880;
if (store.IncreaseQuotaTo(
store.AvailableFreeSpace + neededSpace
))
{}
}
```

D.
```
using (var store = IsolatedStorageFile.GetUserStoreForApplication())
{
```

```
var neededSpace = 5242880;
if (store.IncreaseQuotaTo(
store.UsedSize + neededSpace
))
{}}
```

Answer: D

Question: 21

You are developing a shopping application by using Silverlight 4. The application has a ListBox named lstBasket that contains the items in the shopping basket. You need to save the items in l stBasket to isolated storage. You also need to ensure that the items isolated storage are available to other Silverlight applications hosted on the same Web site.
Which code segment should you use?

A.
```
var settings = IsolatedStorageSettings.ApplicationSettings;
var items = this.lstBasket.DataContext;
var token = "basket";
if (settings.Contains(token))
settings[token] = items;
else
settings.Add(token, items);
```
B.
```
var store = IsolatedStorageFile.GetUserStoreForApplication();
var fileName = "basket.dat";
var items = this.lstBasket.DataContext;
using (var fs = new IsolatedStorageFileStream(fileName, FileMode.Create,
FileAccess.Write, st ore))
{
var serializer = new DataContractSerializer(items.GetType());
serializer.WriteObject(fs, items);
}
store.CreateFile(fileName);
```
C.
```
var settings = IsolatedStorageSettings.SiteSettings;
var items = this.lstBasket.DataContext;
var token = "basket";
if (settings.Contains(token))
settings[token] = items;
else
settings.Add(token, items);
```
D.
```
var store = IsolatedStorageFile. GetUserStoreForSite();
var fileName = "basket.dat";
var items = this.lstBasket.DataContext;
using (var fs = new IsolatedStorageFileStream(fileName, FileMode.Create,
FileAccess.Write, st ore))
{
var serializer = new DataContractSerializer(items.GetType());
serializer.WriteObject(fs, items);
}
store.CreateFile(fileName);
```

Answer: C

Question: 22

You are developing a Silverlight 4 application. The Web page of the application contains a Text Box that has the txtTime ID. You define the following JavaScript function on the Web page.

```
function ShowTime(strTime)
{
document.getElementById('txtTime').value = strTime;
}
```

You need to pass the current time to the ShowTime function from Silverlight. Which code segment should you use?

A. HtmlPage.Window.Invoke("ShowTime", DateTime.Now.ToString());
B. HtmlPage.Window.InvokeSelf("ShowTime(" + DateTime.Now.ToString() + ")");
C. HtmlPage.Window.Invoke("ShowTime(" + DateTime.Now.ToString() + ")", null);
D. HtmlPage.Window.InvokeSelf("javascript: ShowTime(" + DateTime.Now.ToString() + ")");

Answer: A

Question: 23

You are developing a browser hosted application by using Silverlight 4. The application runs in partial trust and uses the copy and paste functionality.
The application contains the following XAML fragment.

```
<TextBox x:Name="textBoxClipBoard" />
```

You need to retrieve the contents of the Clipboard and display the contents in the TextBox. Which XAML fragment or code segment should you use?

A.
```
public MainPage()
{
InitializeComponent();
textBoxClipBoard.Text = Clipboard.GetText();
}
```
B.
```
public MainPage()
{
InitializeComponent();
this.Loaded += new RoutedEventHandler(MainPage_Loaded);
}
void MainPage_Loaded(object sender, RoutedEventArgs e)
{t
extboxClipboard.Text = Clipboard.GetText();
}
```
C.
```
<Button x:Name="btnGetClipboard" Content="Get Clipboard"
Click="btnGetClipboard_Click"
></Button>
private void btnGetClipboard_Click(object sender, RoutedEventArgs e)
{t
extboxClipboard.Text = Clipboard.GetText();
}
```
D. <Button x:Name="btnGetClipboard" Content="Get Clipboard"

```
Click="btnGetClipboard_Click"
></Button>
private void btnGetClipboard_Click(object sender, RoutedEventArgs e)
{
Clipboard.SetText(textboxClipboard.Text);
}
```

Answer: C

Question: 24

You are developing a Silverlight 4 application. The application has a user control named HomePage.xaml and an Application class named App.xaml.
HomePage.xaml must be displayed when the application is started. You need to set HomePage.xaml as the initial page of the application. What should you do?

A. Create the following constructor for the Application class.

```
public App()
{
InitializeComponent();
var homePage = new HomePage();
homePage.Visibility = Visibility.Visible;
}
```

B. Create the following constructor for the Application class. public App()

```
{
InitializeComponent();
this.MainWindow.SetValue(UserControl.ContentProperty, new HomePage());
}
```

C. Create the following event handler for the Application.Startup event. private void Application_Startup(object sender, StartupEventArgs e)

```
{t
his.RootVisual = new HomePage();
}
```

D. Create the following event handler for the Application.Startup event. private void Application_Startup(object sender, StartupEventArgs e)

```
{
var homePage = new HomePage(); homePage.SetValue(HomePage.ContentProperty,
this.MainWindow); this.MainWindow.Activate();
}
```

Answer: C

Question: 25

You are developing a Silverlight 4 application. The application contains the following code segment. (Line numbers are included for reference only.)

```
01 public partial class App : Application
02 {
03 public App()
04 {
```

```
05 this.UnhandledException += this.AppUnhandledException;
06 InitializeComponent();
07 }
08
09
private void AppUnhandledException(object sender,
ApplicationUnhandledExceptionEventArgs e)
10 {
11
12 }
13 }
```

You need to ensure that unhandled exceptions in the application are prevented from being thrown to the page that hosts the application. Which code segment should you insert at line 11?

A. ((SystemException)sender).Data.Clear();
B. e.ExceptionObject = null;
C. e.Handled = false;
D. e.Handled = true;

Answer: D

Question: 26

You are developing an outofbrowser application by using Silverlight 4. The application contains the following code segment. (Line numbers are included for reference only.)

```
01 public partial class App : Application
02 {
03 public App()
04 {
05 this.Startup += this.Application_Startup;
06 InitializeComponent();
07 }
08 void Application_Startup(object sender, StartupEventArgs e)
09 {
10 this.RootVisual = new MainPage();
11
12 }
13 }
```

You need to ensure that when a new version of the application is available, it is automatically in stalled and the user is notified.
Which code segment should you insert at line 11?

A.
```
if (this.Install())
{
MessageBox.Show("Newer version is installed. Please restart the application");
}
```
B.
```
this.InstallStateChanged += (s, args) =>
{
if (this.InstallState == InstallState.Installed)
{
MessageBox.Show("Newer version is installed. Please restart the application");
```

```
}
};
this.Install();
```
C.
```
this.CheckAndDownloadUpdateCompleted += (s, args) =>
{
if (args.UpdateAvailable)
{
MessageBox.Show("Newer version is installed. Please restart the application");
}
};
this.CheckAndDownloadUpdateAsync();
```
D.
```
this.CheckAndDownloadUpdateCompleted += (s, args) =>
{
if (this.IsRunningOutOfBrowser)
{
MessageBox.Show("Newer version is installed. Please restart the application");
}
};
this.CheckAndDownloadUpdateAsync();
```

Answer: C

Question: 27

You are developing a Silverlight 4 application. The application is hosted by using the Following HTML element.

```
<object data="data:application/xsilverlight2,"
type="application/xsilverlight2" width="100%" height="100%">
<param name="source" value="ClientBin/MyApp.xap"/>
<param name="onError" value="onSilverlightError" />
<param name="background" value="white" />
<param name="minRuntimeVersion" value="4.0.50401.0" />
<param name="autoUpgrade" value="true" />
<param name="initParams" value="InitKey=<%=Session["modKey"] %>" />
</object>
```

The App.xaml.cs file contains the following code segment. (Line numbers are included for refer ence only.)

```
01 private void Application_Startup(object sender, StartupEventArgs e)
02 {
03
04 }
```

You need to retrieve the value of the modKey session variable in the Startup event handler.
Which code segment should you insert at line 03?

A.
```
var moduleKey = e.InitParams["modKey"];
```
B.
```
var moduleKey = e.InitParams["InitKey"];
```
C.
```
var moduleKey = e.InitParams.Select(kvp => kvp.Key == "modKey").ToString();
```
D.
```
var moduleKey = e.InitParams.Select(kvp => kvp.Key == "InitKey").ToString();
```

Answer: B

Question: 28

You are developing a Silverlight 4 application. You plan to host the application in a Web application. The Web application contains a zip file named Images.zip that contains an image named l ogo.jpg. You write the following code segment.

```
WebClient client = new WebClient();
client.OpenReadCompleted += new
OpenReadCompletedEventHandler(ClientOpenReadComp leted);
client.OpenReadAsync(new Uri(@"..\Images.zip",UriKind.Relative));
```

You also write the following event handler. (Line numbers are included for reference only.)

```
01 void client_OpenReadCompleted(object sender,
02 OpenReadCompletedEventArgs e)
03 {
04
if (e.Error == null && !e.Cancelled)
05 {
06
07 }
08 }
```

The main window contains an Image element named ImgLogo.
You need to extract logo.jpg from Images.zip and set logo.jpg as the source for ImgLogo.
Which code segment should you insert at line 06?

A.
```
var zipResource = new StreamResourceInfo(e.Result, @"application/zip");
var imageSource = Application.GetResourceStream(zipResource, new
Uri("Logo.jpg",UriKind.A
bsolute));
BitmapImage image = new BitmapImage(); image.SetSource(imageSource.Stream);
ImgLogo.Source=image;
```

B.
```
var zipResource = new StreamResourceInfo(e.Result, @"application/zip");
var imageSource = Application.GetResourceStream(zipResource, new Uri("Logo.jpg",
UriKind. Relative));
BitmapImage image = new BitmapImage(); image.SetSource(imageSource.Stream);
ImgLogo.Source=image;
```

C.
```
var imageSource = new StreamResourceInfo(e.Result, "./Logo.jpg"); BitmapImage
image = new BitmapImage(); image.SetSource(imageSource.Stream);
ImgLogo.Source = image;
```

D.
```
var imageSource = new StreamResourceInfo(e.Result, "Images/Logo.jpg");
BitmapImage image = new BitmapImage(); image.SetSource(imageSource.Stream);
ImgLogo.Source = image;
```

Answer: B

Question: 29

You are developing a Silverlight 4 application. The application contains a window that has a Te xtBlock named TxtHeading. The application also has a font named MyFont in a file named MyF
ont.otf. MyFont.otf is located in the root folder of the Web application that hosts the Silverlight a pplication. You need to dynamically load the font file and use it to display the contents of TxtHeading. Which code segment should you write in the load event of the window?

A. var client = new WebClient();
client.DownloadStringCompleted += (s, args) =>
{
TxtHeading.FontFamily = new FontFamily(args.Result);
;}
client.DownloadStringAsync(new Uri(@"..\MyFont.otf", UriKind.Absolute));
B. var client = new WebClient();
client.DownloadStringCompleted += (s, args) =>
{
TxtHeading.FontFamily = new FontFamily(args.Result);
;}
client.DownloadStringAsync(new Uri(@"..\MyFont.otf", UriKind.Relative));
C. var client = new WebClient();
client.OpenReadCompleted += (s, args) =>
{
TxtHeading.FontSource = new FontSource(args.Result); TxtHeading.FontFamily = new
FontFamily("MyFont");
;}
client.OpenReadAsync(new Uri(@"..\MyFont.otf", UriKind.Absolute));
D. var client = new WebClient();
client.OpenReadCompleted += (s, args) =>
{
TxtHeading.FontSource = new FontSource(args.Result); TxtHeading.FontFamily = new
FontFamily("MyFont");
;}
client.OpenReadAsync(new Uri(@"..\MyFont.otf", UriKind.Relative));

Answer: D

Question: 30

You are developing a Silverlight 4 application by using the Grid control.
You need to ensure that the Grid has three evenly spaced columns that fill the width of the Grid.
Which XAML fragment should you use?

A. <Grid Height="50" Width="300">
<Grid.ColumnDefinitions>
<ColumnDefinition Width="1.33"/>
<ColumnDefinition Width="1.33"/>
<ColumnDefinition Width="1.33"/>
</Grid.ColumnDefinitions>
</Grid>
B. <Grid Height="50" Width="300">
<Grid.ColumnDefinitions>
<ColumnDefinition Width="0.33"/>
<ColumnDefinition Width="Auto" />
<ColumnDefinition Width="Auto"/>
</Grid.ColumnDefinitions>
</Grid>
C. <Grid Height="50" Width="300">

<Grid.ColumnDefinitions>
<ColumnDefinition Width="0.33*"/>
<ColumnDefinition Width="0.33*"/>
<ColumnDefinition Width="0.33*"/>
</Grid.ColumnDefinitions>
</Grid>
D. <Grid Height="50" Width="300">
<Grid.ColumnDefinitions>
<ColumnDefinition Width="1"/>
<ColumnDefinition Width="1*"/>
<ColumnDefinition Width="1"/>
</Grid.ColumnDefinitions>
</Grid>

Answer: C

Question: 31

You are developing a Silverlight 4 application that allows users to arrange images. You need to create three objects in the shape of ellipses as shown in the following image.
Which value of ZIndex should you set to each ellipse?

A. •Red = 2
•Blue = 1
•Green = 0
B. •Red = 2
•Blue = 0
•Green = 1
C. •Red = 0
•Blue = 1
•Green = 2
D. •Red = 1
•Blue = 0
•Green = 2

Answer: A

Question: 32

You are developing a Silverlight 4 application. The application contains a control that allows users to select user profile options. You need to define a set of controls that allows users to select between the following background colors:
•White
•Gray
You also need to define a set of controls that allows users to select between the following defau lt window sizes:
•900 x 700
•700 x 500
Which XAML fragment should you use?

A. <RadioButton x:Name="White" Content="White" />
<RadioButton x:Name="Gray" Content="Gray" />

<RadioButton x:Name="900x700" Content="900 x 700" />
<RadioButton x:Name="700x500" Content="700 x 500" />
B. <RadioButton x:Name="White" GroupName="Backgrounds" Content="White" />
<RadioButton x:Name="Gray" GroupName="Backgrounds" Content="Gray" />
<RadioButton x:Name="900x700" GroupName="WindowSizes" Content="900 x 700" />
<RadioButton x:Name="700x500" GroupName="WindowSizes" Content="700 x 500" />
C. <RadioButton x:Name="White" Content="White" />
<RadioButton x:Name="Gray" Content="Gray" />
<Line Stroke="Black" StrokeThickness="4"/>
<RadioButton x:Name="900x700" Content="900 x 700" />
<RadioButton x:Name="700x500" Content="700 x 500" />
D. <RadioButton x:Name="White" GroupName="ProfileSettings" Content="White" />
<RadioButton x:Name="Gray" GroupName="ProfileSettings" Content="Gray" />
<Line Stroke="Black" StrokeThickness="4"/>
<RadioButton x:Name="900x700" GroupName="ProfileSettings" Content="900 x 700"
/>
<RadioButton x:Name="700x500" GroupName="ProfileSettings" Content="700 x 500"
/>

Answer: B

Question: 33

You are developing a Silverlight 4 application.
You have a page that contains the following XAML fragment.
<StackPanel Orientation="Vertical">
<Grid x:Name="Master">
<ListBox x:Name="lstOrders" />
</Grid>
<Grid x:Name="Details">
<ListBox x:Name="lstOrdersDetails" />
<myControls:DetailsViewLoading />
</Grid>
</StackPanel>
The application defines the DetailsViewLoading user control by using the following
XAML fragm ent. (Line numbers are included for reference only.)
01 <UserControl x:Class="DetailsViewLoading"
xmlns=http://schemas.microsoft.com/winfx/2006/xaml/presentation
xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml">
02 <Grid>
03
04
05 <StackPanel>
06 <TextBlock Text="Loading Details..."/>
07 <Button Content="Close" Click="CloseBtn_Click"/>
08 </StackPanel>
09
</Border>
10 </Grid>
11 </UserControl>
You need to display the DetailsViewLoading user control on top of the other content in the Details Grid control. You

also need to ensure that the rest of the content in the Details Grid control is unavailable until the DetailsViewLoading user control is closed. Which XAML fragment should you insert at lines 03 and 04?

A. <Border CornerRadius="30" Background="#FF5C7590" Width="600"
Height="250">
<Rectangle HorizontalAlignment="Stretch" VerticalAlignment="Stretch"
Opacity="0.765" Fill="#FF8A8A8A"/>
B. <Rectangle HorizontalAlignment="Stretch" VerticalAlignment="Stretch"
Opacity="0.765" Fill="#FF8A8A8A"/>
<Border CornerRadius="30" Background="#FF5C7590" Width="600" Height="250">
C. <Border CornerRadius="30" Background="#FF5C7590" Width="600"
Height="250">
<Rectangle HorizontalAlignment="Center" VerticalAlignment="Center"
Opacity="0.765" Fill="#FF8A8A8A"/>
D. <Rectangle HorizontalAlignment="Center" VerticalAlignment="Center"
Opacity="0.765" Fill="#FF8A8A8A"/>
<Border CornerRadius="30" Background="#FF5C7590" Width="600" Height="250">

Answer: B

Question: 34

You are developing a Silverlight 4 application.
You need to specify that the "/Sales/June/Short" uniform resource identifier (URI) pattern is ma pped to the following URI. /Views/Reports/Sales.xaml time=June&show=Short
Which URI mapping should you add?

A. <sdk:UriMapping Uri="/{reporttype}/{month}/{format}" Mapped Uri
="/{reporttype} .xaml time={month}&show={format}"/>
B. <sdk:UriMapping Uri="/{reporttype}.xaml time={month}&show={format}"
MappedUri="/{reporttype}/{month}/{format}"/>
C. <sdk:UriMapping Uri="/{reporttype}/{month}/{format}"
MappedUri="/Views/Reports/{reporttype}.xaml time={month}&show={format}"/>
D. <sdk:UriMapping Uri="/Views/Reports/{reporttype}.xaml time={month}&show={format}"
MappedUri="/{reporttype}/{month}/{format}"/>

Answer: C

Question: 35

You are developing a Silverlight 4 application.
The application defines the following XAML fragment. (Line numbers are included for reference only.)
01 <Grid x:Name="LayoutRoot">
02 <sdk:Frame x:Name="ContentFrame" Source="/Home">
03 <sdk:Frame.UriMapper>
04 <sdk:UriMapper x:Name="ContentMapper">
05 <sdk:UriMapping Uri="/{pageName}"
MappedUri="/Views/{pageName}.xaml"/>
06 </sdk:UriMapper>
07 </sdk:Frame.UriMapper>

```
08 </sdk:Frame>
09 <Grid>
10
11 </Grid>
12 </Grid>
```

You need to define a hyperlink that navigates to a resource within the Frame. Which XAML fragment should you insert at line 10?

A. <HyperlinkButton NavigateUri="/About" TargetName="ContentMapper" />
B. <HyperlinkButton NavigateUri="/About" TargetName="ContentFrame" />
C. <HyperlinkButton NavigateUri="/About" TargetName="_parent" />
D. <HyperlinkButton NavigateUri="/About" TargetName="_top" />

Answer: B

Question: 36

You are developing a Silverlight 4 application. You need to add a MediaElement control that handles when the media has finished playing. Which XAML fragment should you use?

A. <MediaElement x:Name="MediaElement1" AutoPlay="True"
MediaEnded="MediaElement1_MediaEnded"/>
B. <MediaElement x:Name="MediaElement1" AutoPlay="True"
MediaOpened="MediaElement1_MediaOpened"/>
C. <MediaElement x:Name="MediaElement1" AutoPlay="True"
MarkerReached="MediaElement1_MarkerReached"/>
D. <MediaElement x:Name="MediaElement1" AutoPlay="True"
CurrentStateChanged="MediaElement1_CurrentStateChanged" />

Answer: A

Question: 37

You are developing a Silverlight 4 application.
You need to create an implicit style for a ComboBox that specifies the following settings:
•FontFamily = Verdana
•Foreground = Green
Which XAML fragment should you use?

A. <Style
TargetType="ComboBox">
<Setter Property="FontFamily" Value="Verdana" />
<Setter Property="Foreground" Value="Green" />
</Style>
B. <Style
x:Key="StandardComboBox" TargetType="ComboBox">
<Setter Property="FontFamily" Value="Verdana" />
<Setter Property="Foreground" Value="Green" />
</Style>
C. <Style

x:Name="StandardComboBox">
<Setter Property="FontFamily" Value="Verdana" />
<Setter Property="Foreground" Value="Green" />
</Style>
D. <Style>
<Setter Property="FontFamily" Value="Verdana" />
<Setter Property="Foreground" Value="Green" />
</Style>

Answer: A

Question: 38

You are developing a Silverlight 4 application. You define a style according to the following XAMLfragment.
<Style TargetType="Button">
<Setter Property="Width" Value="75" />
<Setter Property="Height" Value="23" />
</Style>
You need to implement a new button that will override this style by using the default Silverlight style.
Which XAML fragment should you use?

A. <Button x:Name="DocumentsButton" Style="{StaticResource null}"
Content="Documents" />
B. <Button x:Name="DocumentsButton" Style="{ }" Content="Documents" />
C. <Button x:Name="DocumentsButton" Style="{x:Null}" Content="Documents" />
D. <Button x:Name="DocumentsButton" Content="Documents" />

Answer: C

Question: 39

You are developing a Silverlight 4 application. The following ControlTemplate has been defined as a Resource.
<ControlTemplate TargetType="TextBox"
x:Key="TextBoxTemplate">
<! custom code... >
</ControlTemplate>
You need to set a TextBox control to use the resource. Which XAML fragment should you use?

A. <TextBox Template="{StaticResource TextBoxTemplate}" />
B. <TextBox Text="{StaticResource TextBoxTemplate}" />
C. <TextBox Style="{StaticResource TextBoxTemplate}" />
D. <TextBox Resources="{StaticResource TextBoxTemplate}" />

Answer: A

Question: 40

You are developing a Silverlight 4 application.
The application contains the following XAML fragment.

<ComboBox Style="{StaticResource ComboBoxTemplate}" />
You need to add a custom control template to the ComboBoxTemplate style for the ComboBox control. Which XAML fragment should you use?

A. <Style x:Key="ComboBoxTemplate" TargetType="ComboBox">
<Setter Property="ControlTemplate">
<! customized content… >
</Setter>
</Style>
B. <Style x:Key="ComboBoxTemplate" TargetType="ComboBox">
<Setter>
<Setter.Value>
<ControlTemplate TargetType="ComboBox">
<! customized content… >
</ControlTemplate>
</Setter.Value>
</Setter>
</Style>
C. <Style x:Key="ComboBoxTemplate">
<Setter Property="ComboBox">
<Setter.Value>
<ControlTemplate>
<! customized content… >
</ControlTemplate>
</Setter.Value>
</Setter>
</Style>
D. <Style x:Key="ComboBoxTemplate" TargetType="ComboBox">
<Setter Property="Template">
<Setter.Value>
ControlTemplate TargetType="ComboBox">
<! customized content… >
</ControlTemplate>
</Setter.Value>
</Setter>
</Style>

Answer: D

Question: 41

You are developing a line¬of-business application by using Silverlight 4. The application will be used for data entry and reporting purposes. You need to implement a DataGrid control that will allow editing of bound dat
a. Which XAML fragment should you use?
A. <grid:DataGridTemplateColumn Header="Supplier">
<grid:DataGridTemplateColumn.CellTemplate>
<DataTemplate>
<TextBlock Text="{Binding Path=Supplier}" />
</DataTemplate>
</grid:DataGridTemplateColumn.CellTemplate>
</grid:DataGridTemplateColumn>

B. <grid:DataGridTemplateColumn Header="Supplier">
<grid:DataGridTemplateColumn.CellStyle>
<Style TargetType="grid:DataGridTemplateColumn">
<Setter Value="Template" Property="EditTemplate" />
</Style>
</grid:DataGridTemplateColumn.CellStyle>
</grid:DataGridTemplateColumn>
C. <grid:DataGridTemplateColumn Header="Supplier">
<grid:DataGridTemplateColumn.CellTemplate>
<DataTemplate>
<TextBox Text="{Binding Path=Supplier}" />
</DataTemplate>
</grid:DataGridTemplateColumn.CellTemplate>
</grid:DataGridTemplateColumn>
D. <grid:DataGridTemplateColumn Header="Supplier">
<grid:DataGridTemplateColumn.CellTemplate>
<DataTemplate>
<TextBlock Text="{Binding Path=Supplier}" />
</DataTemplate>
</grid:DataGridTemplateColumn.CellTemplate>
<grid:DataGridTemplateColumn.CellEditingTemplate>
<DataTemplate>
<TextBox Text="{Binding Path=Supplier}"/>
</DataTemplate>
</grid:DataGridTemplateColumn.CellEditingTemplate>
</grid:DataGridTemplateColumn>

Answer: D

Question: 42

You are developing a Silverlight 4 application.
The application contains an Image control to display an image.
You need to modify the application to display the image on its side. Which XAML fragment should you use?

A. <Image.Projection>
<PlaneProjection RotationY="90"/>
</Image.Projection>
B. <Image.RenderTransform>
<CompositeTransform TranslateY="90"/>
</Image.RenderTransform>
C. <Image.RenderTransform>
<CompositeTransform Rotation="90"/>
</Image.RenderTransform>
D. <Image.RenderTransform>
<CompositeTransform ScaleY="90"/>
</Image.RenderTransform>

Answer: C

Question: 43

You are developing a Silverlight 4 application.
The application defines the following XAML fragment. (Line numbers are included for reference only.)

```
01 <Canvas Width="400" Height="300">
02 <Canvas.Resources>
03 <Storyboard x:Name="myStoryboard">
04 <PointAnimationUsingKeyFrames Storyboard.TargetProperty="Center"
Storyboard.TargetName="AnimatedEllipse">
05 <EasingPointKeyFrame Value="50,20" KeyTime="00:00:02">
06
<EasingPointKeyFrame.EasingFunction>
07
08 </EasingPointKeyFrame.EasingFunction>
09 </EasingPointKeyFrame>
10 </PointAnimationUsingKeyFrames>
11 </Storyboard>
12 </Canvas.Resources>
13 <Path Fill="Blue">
14
<Path.Data>
15 <EllipseGeometry x:Name="AnimatedEllipse" RadiusX="15" RadiusY="15" />
16 </Path.Data>
17 </Path>
18 </Canvas>
```

You need to animate the ellipse so that the ellipse moves to the upper boundary of the canvas where it slows down and stops. Which code fragment should you insert at line
07?

A. <QuintiEase EasingMode="EaseIn"/>
B. <BackEase EasingMode="EaseIn"/>
C. <CubicEase EasingMode="EaseOut"/>
D. <SineEase EasingMode="EaseInOut"/>

Answer: C

Question: 44

You are developing a Silverlight 4 application. The application has an XAML page that contains the following XAML fragment. (Line numbers are included for reference only.)

```
01 <ComboBox x:Name="cbName">
02 <ComboBoxItem Content="One"/>
03 <ComboBoxItem Content="Two"/>
04 </ComboBox>
05 <Rectangle>
06 <i:Interaction.Triggers>
07
08 </i:Interaction.Triggers>
09 </Rectangle>
```

You need to allow the user to call an ICommand named GetPeopleCommand when the user clicks the Rectangle. You

also need to pass the selected value of the aComboBox to GetPeopleCommand. Which XAML fragment should you insert at line 07?

A. <i:EventTrigger EventName="MouseLeftButtonDown">
<i:InvokeCommandAction Command="{Binding GetPeopleCommand}"
CommandParameter="{Binding SelectedItem, ElementName=cbName}"/>
</i:EventTrigger>
B. <i:EventTrigger EventName="MouseButtonDown">
<i:InvokeCommandAction Command="{Binding GetPeopleCommand}"
CommandParameter="{Binding SelectedItem, ElementName=cbName}"/>
</i:EventTrigger>
C. <i:EventTrigger EventName="MouseLeftButtonDown">
<i:InvokeCommandAction Command="{Binding GetPeopleCommand}"
CommandParameter="{Binding SelectedValue, ElementName=cbName}"/>
</i:EventTrigger>
D. <i:EventTrigger EventName="MouseButtonDown">
<i:InvokeCommandAction Command="{Binding GetPeopleCommand}"
CommandParameter="{Binding SelectedValue, ElementName=cbName}"/>
</i:EventTrigger>

Answer: A

Question: 45

You are developing a Silverlight 4 application. You define two VisualStates named Fail and Pass of a custom control. You need to ensure that the transition from the Fail state to the Pass stat e takes two seconds. Which XAML fragment should you use?

A. <VisualTransition From="Fail" To="Pass"
GeneratedDuration="0:0:2" />
B. <VisualTransition From="Fail" />
<VisualTransition
To="Pass" />
<VisualTransition GeneratedDuration="0:0:2" />
C. <VisualTransition From="Fail"
To="Pass" />
<VisualTransition GeneratedDuration="0:0:2" />
D. <VisualTransition From="Pass" GeneratedDuration="0:0:2" />
<VisualTransition
To="Fail" GeneratedDuration="0:0:2" />

Answer: A

Question: 46

You are developing an application by using Silverlight 4 and Microsoft .NET Framework
4. You add the following XAML fragment. (Line numbers are included for reference only.)
01 <Grid x:Name="LayoutRoot">
02 <Grid.ColumnDefinitions>
03 <ColumnDefinition />

04 <ColumnDefinition />
05 </Grid.ColumnDefinitions>
06
07 </Grid>
You need to add a Button control inside the second column of the Grid control. You also need t o set the content and the tooltip of the Button control to Send and Send document, respectively.
Which XAML fragment should you insert at line 06?

A. <Button Grid.Column="1">
<ToolTipService.ToolTip>
<ToolTip>Send document</ToolTip>
</ToolTipService.ToolTip> Send
</Button>
B. <Button>
<ToolTipService.ToolTip>
<ToolTip>Send document</ToolTip>
</ToolTipService.ToolTip> Send
</Button>
C. <Button Grid.Column="1">
<Canvas>
<ToolTip>Send document</ToolTip>
<TextBlock>Send</TextBlock>
</Canvas>
</Button>
D. <Button>
<Canvas>
<ToolTip>Send document</ToolTip>
<TextBlock>Send</TextBlock>
</Canvas>
</Button>

Answer: A

Question: 47

You are developing an application by using Silverlight 4 and Microsoft .NET Framework
4. You add a class named CreateOrderCommand in the application. You implement the
IComan d interface in the CreateOrderCommand class. You also create a class named CreateOrderVie wModel. You add the following XAML fragment to create a UserControl named CreateOrder. (Line numbers are included for reference only.)
01 <UserControl.Resources>
02 <local:CreateOrderViewModel x:Key="vm" />
03 </UserControl.Resources>
04
05 <Grid x:Name="LayoutRoot" DataContext="{StaticResource vm}" >
06
07 </Grid>
You need to bind the CreateOrderCommand command to a Button control. What should you do?

A. •Create a property named CreateOrder in the codebehind class of the CreateOrder control.
•Set the type of the CreateOrder property to CreateOrderCommand.

•Add the following XAML fragment at line 06.
<Button Content="Create" Command="CreateOrder" />
B. •Create a property named CreateOrder in the codebehind class of the CreateOrder control.
•Set the type of the CreateOrder property to CreateOrderCommand.
•Add the following XAML fragment at line 06.
<Button Content="Create" Command="CreateOrder.CreateOrder" />
C. •Create a property named CreateOrder in the CreateOrderViewModel class.
•Set the type of the CreateOrder property to CreateOrderCommand.
•Add the following XAML fragment at line 06.
<Button Content="Create" Command="{Binding CreateOrder}" />
D. •Create a property named CreateOrder in the CreateOrderViewModel class.
•Set the type of the CreateOrder property to CreateOrderCommand.
•Add the following XAML fragment at line 06.
<Button Content="Create" Command="{Binding CreateOrder.CreateOrder}" />

Answer: C

Question: 48

You are developing an application by using Silverlight 4 and Microsoft .NET Framework 4. You create a class named SendMessageCommand that implements the ICommand interface.
You bind the SendMessageCommand class as a command for a Button control.
You need to ensure t hat the SendMessageCommand class receives the Text property of a TextBox control named t xtMessage as a parameter.
Which value should you set in the CommandParameter property of the Button control?

A. txtMessage.Text
B. {Binding txtMessage, Path=TextBox.Text}
C. {Binding ElementName=txtMessage, Path=Text}
D. {Binding ElementName=txtMessage, Path=TextBox.Text}

Answer: C

Question: 49

You are developing a Silverlight 4 application. The application contains a TextBlock control that has the DataContext property set to an object. The object exposes a property named Today of the DateTime data type. The Today property returns DateTime.Today.
You need to display the string "Today is " concatenated with the value of Today in the TextBlock control by using only X AML. Which binding expression should you use?

A. {Binding Today, StringFormat='Today is'}
B. {Binding Today, StringFormat='Today is {0}'}
C. {Binding Today, ConverterParameter='Today is '}
D. {Binding Today, StringFormat='Today is {Today}'}

Answer: B

Question: 50

You are developing a Silverlight 4 application. The application has a UserControl that has a TextBox named FirstName. You need to display the string "Hello" concatenated with the value entered in the TextBox.
Which XAML fragment should you use?

A. <TextBlock Text="Hello {Binding Path=Text, ElementName=FirstName}" />
B. <TextBlock Text="{Binding Path=Hello, ConverterParameter=FirstName}" />
C. <TextBlock Text="{Binding Path=Text, StringFormat='Hello {FirstName}'}" />
D. <TextBlock Text="{Binding Path=Text, ElementName=FirstName, StringFormat='Hello {0}'}" />

Answer: D

Question: 51

You are developing a Silverlight 4 application. The application contains a Person class that has a public nullable DateTime property named Birthday. You display a list of Person objects in a D ataGrid control. One of the columns in the DataGrid control is bound to Birthday. You need to ensure that the databound column displays Birthday by using the long date format.
Which binding expression should you use?

A. {Binding Path=Birthday, FallbackValue='D'}
B. {Binding Path=Birthday, StringFormat=\{0:D\}}
C. {Binding Path=Birthday, ConverterParameter=\{0:D\}}
D. {Binding Path=Birthday, TargetNullValue='LongDatePattern'}

Answer: B

Question: 52

You are developing a Silverlight 4 application. The application contains a Car class that implements t h eINotifyPropertyChangedinterface.Theapplication a l so has a public ObservableCollection<string> property named Tires and a public string property named SelectedTire. The application has a user control that contains the following XAML fragment.
(Line numbers are included for reference only.)
01 <UserControl>
02 <StackPanel>
03 <ListBox ItemsSource="{Binding Path=Tires}" />
04 <TextBox Text="{Binding Path=SelectedTire}" />
05 </StackPanel>
06 </UserControl>
You need to modify the user control to meet the following requirements:
•When the selected item in the ListBox is changed, the SelectedTire property in the Car class is updated.
•When no item is selected in the ListBox, the text in the TextBox is set to "No value selected."
•When the text in the TextBox is changed to a valid entry in the Tires collection, the selected item in the ListBox is changed.
Which XAML fragment should you replace at lines 03 and 04?

A. <ListBox ItemsSource="{Binding Path=Tires}" SelectedItem="{Binding Path=SelectedTire}" />
<TextBox Text="{Binding Path=SelectedTire, TargetNullValue='No value selected',

Mode=Two
Way}" />
B. <ListBox ItemsSource="{Binding Path=Tires}" SelectedItem="{Binding
Path=SelectedTire, Mode=TwoWay}" />
<TextBox Text="{Binding Path=SelectedTire, TargetNullValue='No value selected',
Mode=Two
Way}" />
C. <ListBox ItemsSource="{Binding Path=Tires}" SelectedItem="{Binding
Path=SelectedTire, Mode=TwoWay}" />
<TextBox Text="{Binding Path=SelectedTire, Mode=TwoWay}" />
D. <ListBox ItemsSource="{Binding Path=Tires}" SelectedItem="{Binding
Path=SelectedTire, Mode=TwoWay}" />
<TextBox Text="{Binding Path=SelectedTire, TargetNullValue='No value selected'}" />

Answer: B

Question: 53

You are creating a Silverlight 4 application. The application contains a Person class that has a public property named Address. The application contains a TextBox control that is data bound to the Address property. You need to ensure that the following requirements are met:
•When the Address property changes, the TextBox control is automatically updated.
•When the TextBox control changes, the Address property is not automatically updated.
Which two tasks should you perform?
(Each correct answer presents part of the solution. Choose two.)

A. Use TwoWay data binding.
B. Use OneWay data binding.
C. Use OneTime data binding.
D. Create a PropertyChanged event handler in the Person object.
E. Implement the INotifyPropertyChanged interface in the Person object.

Answer: B, E

Question: 54

You are developing a Silverlight 4 application. The application contains a Slider control named Temperature. You need to display the Value property of Temperature in a TextBlock control. Which XAML fragment should you use?

A. <TextBlock Text="{Binding Path=Temperature.Value}" />
B. <TextBlock Text="{Binding Path=Value, Source=Temperature}" />
C. <TextBlock Text="{Binding Path=Value, ElementName=Temperature}" />
D. <TextBlock DataContext="{StaticResource Temperature}" Text="{Binding Path=Value}" />

Answer: C

Question: 55

You are developing a Silverlight 4 application. The application contains a Product class that has a p

ublicBooleanpropertynamed IsAvailable. The application also contains a BoolToVisibilityConverter class. You create an XAML page that contains a Button control. The page is data bound to an instance of the Product class. You need to ensure that the Button control is visible only if the IsAvailable property is true.
Which two tasks should you perform?
(Each correct answer presents part of the solution. Choose two.)

A. Add an instance of the BoolToVisibilityConverter class in a Resource block.
B. Set the Button's DataContext property to an instance of the BoolToVisibilityConverter class.
C. Set the UserControl's DataContext property to an instance of the BoolToVisibilityConverter class.
D. Apply the BoolToVisibilityConverter class to the binding syntax of the Button's Visibility property.
E. Apply the BoolToVisibilityConverter class to the binding syntax of the Button's DataContext property.

Answer: A, D

Question: 56

You are developing a Silverlight 4 application. The application contains an OrderItem class that has a public interface property named Quantity and a public Decimal property named UnitPrice.
The application also contains an ExtendedPriceConverter class that calculates the total price for the OrderItem. The application requires a UnitPrice in the value of the converter and a Quantity as the parameter. You create an XAML page that contains a TextBlock control. The converter is defined in the page that contains the following XAML fragment. (Line numbers are included for reference only.)
01 <UserControl.Resources>
02
<converters: ExtendedPriceConverter x:Key="epc"></converters:
ExtendedPriceConverter>
03 </UserControl.Resources>
You need to ensure that the TextBlock control uses ExtendedPriceConverter to display the exte nded price when bound to an OrderItem.
Which XAML fragment should you use?

A. <TextBlock Text="{Binding Path=UnitPrice, Converter={StaticResource epc},
ConverterParameter='{Binding Quantity}'}" />
B. <TextBlock Text="{Binding Path=UnitPrice, Converter={StaticResource epc},
ConverterParameter=Quantity}" />
C. <TextBlock Text="{Binding Path=UnitPrice, ConverterParameter='{Binding Quantity}'}" />
D. <TextBlock Text="{Binding Path=UnitPrice, Converter={StaticResource epc},
ConverterParameter='Binding Quantity'}" />

Answer: A

Question: 57

You are developing a Silverlight 4 application. The application contains a TextBox control data bound to a class that implements only the INotifyPropertyChanged interface. When an invalid value is entered in the TextBox control, the class will throw a ValidationException in the Set bloc k of its Name property. You need to display the validation error when an invalid value is entered in the TextBox control. Which XAML fragment should you use?

A. <TextBox Text="{Binding Name, Mode=TwoWay, ValidatesOnExceptions=True}" />
B. <TextBox Text="{Binding Name, Mode=OneWay, ValidatesOnExceptions=True}" />

C. <TextBox Text="{Binding Name, Mode=TwoWay, NotifyOnValidationError=True}" />
D. <TextBox Text="{Binding Name, Mode=OneWay, NotifyOnValidationError=True}" />

Answer: A

Question: 58

You are developing a Silverlight 4 application. The application contains a form that has a Grid control and several input fields. The data context is bound to an object that implements validation. You need to display a summary of validation errors. Which two actions should you perform?
(Each correct answer presents part of the solution. Choose two.)

A. Add a ValidationSummary control.
B. Add a ListBox control and bind it to the Validation.Errors property of the Grid control.
C. Set Validation.HasError="True" on the Grid control if any of the fields contains an error.
D. Set NotifyOnValidationError=true and Mode=TwoWay on each field's binding expression.

Answer: A, D

Question: 59

You are developing a trusted application by using Silverlight 4. The application will upload images to a server. You need to provide a user with two ways to select an image file from the C:\Temp folder on the client computer.Which two actions should you perform?
(Each correct answer presents a complete solution. Choose two.)

A. Use the OpenFileDialog class.
B. Use the Clipboard class to allow the copyandpaste functionality on the images.
C. Use the Rectangle control as a dropzone and set the AllowDrop property of the control to true.
D. Use the Environment.GetFolderPath and Environment.SpecialFolder methods to access a file specified by the user.

Answer: A, C

Question: 60

You are developing a Silverlight 4 application. You handle the RightMouseButtonDown event of the application's layout root element to display a shortcut menu. You discover t hat when the right mouse button is released, the standard information panel in Silverlight appears.
You need to prevent the standard information panel in Silverlight from being displayed.
What should you do?

A. Handle the KeyDown event.
B. Handle the RightMouseButtonUp event.
C. Set the MouseButtonEventArgs.Handled property to True.
D. Set the layout root element's IsHitTestVisible property to False.

Answer: C

Question: 61

You are developing a Silverlight 4 application. The application has a page that contains a Slider control named sldAmount. You need to enable the wheel of the mouse to control sldAmount. What should you do?

A. •Handle the ManipulationDelta event on sldAmount.
•Increase sldAmount.SmallChange if the e.DeltaManipulation.Translation.X argument is positiv e. •Decrease sldAmount.SmallChange if the e.DeltaManipulation.Translation.X argument is neg ative.
B. •Handle the ManipulationDelta event on sldAmount.
•Increase sldAmount.Value if the e.DeltaManipulation.Translation.X argument is positive.
•Decrease sldAmount.Value if the e.DeltaManipulation.Translation.X argument is negative.
C. •Handle the MouseWheel event on sldAmount.
•Increase sldAmount.SmallChange if the e.Delta argument is positive.
•Decrease sldAmount.SmallChange if the e.Delta argument is negative.
D. •Handle the MouseWheel event on sldAmount.
•Increase sldAmount.Value if the e.Delta argument is positive.
•Decrease sldAmount.Value if the e.Delta argument is negative.

Answer: D

Question: 62

You are developing an application by using Silverlight 4 and Microsoft .NET Framework 4. The application contains the following XAML fragment. (Line numbers are included for reference only.)

```
01 <Grid x:Name="LayoutRoot" Background="White">
02 <Grid.Resources>
03 <vm:Customers x:Key="CustomerVM"/>
04 <vm:MockCustomers x:Key="MockCustomerVM"/>
05 </Grid.Resources>
06 <sdk:DataGrid AutoGenerateColumns="True"
07 ItemsSource="{Binding CustomerList}" />
08 </Grid>
```

You need to bind the DataGrid to the CustomerList property in MockCustomerVM at design tim e. You also need to bind the DataGrid to the CustomerList property in CustomerVM at run time. Which XAML fragment should you insert between lines 06 and 07?

A. d:Data Context =" {Static Resource Mock Customer VM}" Data Context ="{Static Resource Customer VM}"
B. DataContext="{StaticResource MockCustomerVM}" d:DataContext="{StaticResource CustomerVM}"
C. Data Context ="{Static Resource Mock Customer VM }" ItemsControl.ItemsSource ="{StaticResource CustomerVM}"
D. d:Data Context ="{Static Resource Mock Customer VM}" ItemsControl.ItemsSource ="{StaticResource CustomerVM}"

Answer: A

Question: 63

You are developing a Web application by using Silverlight 4 and Microsoft Visual Studio 2010. You have three resource dictionaries named OrangeSkin.XAML, GraySkin.XAML, and GreenSkin.XAML. Each dictionary has a SolidBrush style and uses the same x:key name of MyBrush. The three resource dictionaries define the color of MyBrush as follows:

•OrangeSkin.XAML defines the color of MyBrush as Orange.
•GraySkin.XAML defines the color of MyBrush as Gray.
•GreenSkin.XAML defines the color of MyBrush as Green.

You have a control that merges the dictionaries by using the following XAML fragment.

```
<UserControl.Resources>
<ResourceDictionary>
<ResourceDictionary.MergedDictionaries>
<ResourceDictionary Source="OrangeSkin.xaml" />
<ResourceDictionary Source="GraySkin.xaml" />
<ResourceDictionary Source="GreenSkin.xaml" />
</ResourceDictionary.MergedDictionaries>
<SolidColorBrush x:Key="MyBrush" Color="Azure"/>
</ResourceDictionary>
</UserControl.Resources>
<Grid x:Name="LayoutRoot" Background="{StaticResource MyBrush}">
</Grid>
```

Which background color will be displayed on the Grid?

A. Azure
B. Gray
C. Green
D. Orange

Answer: A

Question: 64

You are developing a Silverlight 4 application. You have a resource dictionary contained in a file named myDictionary.XAML that is embedded in a separate assembly named myResources.dl l.

The App.XAML file contains the following XAML fragment. (Line numbers are included for reference only.)

```
01 <Application.Resources>
02 <ResourceDictionary Source="Assets/Styles.xaml"/>
03 </Application.Resources>
```

You need to add the myDictionary.XAML file to the resource dictionaries in the application. Which XAML fragment should you use to replace line 02?

A.
```
<ResourceDictionary>
<ResourceDictionary.MergedDictionaries>
<ResourceDictionary Source="Assets/Styles.xaml"/>
<ResourceDictionary Source="myResources/myDictionary.xaml"/>
</ResourceDictionary.MergedDictionaries>
</ResourceDictionary>
```

B.
```
<ResourceDictionary>
<ResourceDictionary.MergedDictionaries>
<ResourceDictionary Source="Assets/Styles.xaml"/>
<ResourceDictionary Source="/myResources;component/myDictionary.xaml"/>
```

</ResourceDictionary.MergedDictionaries>
</ResourceDictionary>
C. <ResourceDictionary>
<ResourceDictionary.MergedDictionaries>
<ResourceDictionary Source="Assets/Styles.xaml"/>
<ResourceDictionary Source="/myDictionary;component/myResources"/>
</ResourceDictionary.MergedDictionaries>
</ResourceDictionary>
D. <ResourceDictionary>
<ResourceDictionary.MergedDictionaries>
<ResourceDictionary Source="Assets/Styles.xaml"/>
<ResourceDictionary Source="Assets/myDictionary.xaml"/>
</ResourceDictionary.MergedDictionaries>
</ResourceDictionary>

Answer: B

Question: 65

You are developing a multilingual Web site by using Silverlight 4 and Microsoft Visual Studio 2010. The user interface controls are defined in a stack panel. You need to configure the stack panel control to display bidirectional languages. Which property should you set on the stack panel?

A. FlowDirection to RightToLeft
B. HorizontalAlignment to Left
C. HorizontalAlignment to Right
D. Orientation to Horizontal
E. UseLayoutRounding to True

Answer: A

Question: 66

You are developing a multilingual Web site by using Silverlight 4 and Microsoft Visual Studio 2010. The Silverlight application must support three languages: English, French, and French (Canada
).
You need to ensure that the application meets the following requirements:
•It uses one resource file for each language.
•It automatically selects the appropriate resource file without the use of additional code.
•It uses the appropriate resource files if the end user's browser supports English, French, or French (Canada).
•It uses the French resource file if the end user's browser supports only French (Belgium).
•It uses the English resource file if the end user's browser does not provide the language it sup ports. Which naming convention should you use?

A. MyResource.resx, MyResource.fr.resx, and MyResource.frca.resx
B. My Resource .english .resx, My Resource .french. resx, and My Resource .frenc hcanada.resx
C. My Resource. english. xml, MyResource .french. xml, and MyResource.frenchcanada.xml

D. MyResource.xml, MyResource.fr.xml, and MyResource.frca.xml

Answer: A

Question: 67

You are developing an application by using Silverlight 4 and Microsoft Visual Studio 2010. You need to ensure that the application uses Greek (el) as its default language.
What should you do?

A. In the page_load event of the .aspx file that hosts the Silverlight plug- in, set the page culture to el.
B. In the Application_Start event of the Global.aspx file, set the culture to el.
C. In the .aspx file that hosts the Silverlight plugin, set the UICulture and culture attributes to el on the object tag.
D. Set the browser's language setting to el by using the HTML Bridge object.

Answer: C

Question: 68

You are developing a Silverlight 4 application that will be hosted on a Web page named default. aspx. The application uses the following HTML markup. (Line numbers are included for reference only.)

```
01 <object data="data:application/xsilverlight2,"
type="application/xsilverlight2"
width="100%"
height="100%">
02 <param name="source" value="ClientBin/SilverlightApplication2.xap"/>
03
04 </object>
```

You need to configure the plugin to enable the display of the contents of default.aspx on top of the application.
Which HTML markup should you insert at line 03?

A. <param name="enableRedrawRegions" value="true" />
B. <param name="allowHtmlPopupWindow" value="true" />
C. <param name="enableHtmlAccess" value="true" />
D. <param name="windowless" value="true" />

Answer: D

Question: 69

You are developing a Silverlight 4 application named MySilverlightApplication.xap. The application is hosted on a Microsoft ASP.NET Web page named default.aspx by using the following HTML markup. (Line numbers are included for reference only.)

```
01 <object data="data:application/xsilverlight2,"type="application/xsilverlight2" width="100%" height="100%">
02 <param name="source" value="ClientBin/MySilverlightApplication.xap"/>
03
04 </object>
```

The ASP.NET application has two string variables named strPrimaryEmail and strSecondaryE mail.
You need to ensure that both variables are passed to the Silverlight application. Which HTML markup should you

insert at line 03?

A. <param name="initParams" value="PrimaryEmail=<%=strPrimaryEmail%>, SecondaryEmail=<%=strSecondaryEmail%>" />
B. <param name="data" value="PrimaryEmail=<%=strPrimaryEmail %>, SecondaryEmail=<%=strSecondaryEmail%>" />
C. <param name="initParams" value="PrimaryEmail=<%=strPrimaryEmail%>"> <param name="initParams" value="SecondaryEmail=<%=strSecondaryEmail%>" />
D. <param name="data" value="PrimaryEmail=<%=strPrimaryEmail%>"> <param name="data" value="SecondaryEmail=<%=strSecondaryEmail%>" />

Answer: A

Question: 70

You are developing a Silverlight 4 application that is hosted in a Web application. The Web application has a file named LoadScreen.xaml that contains the following XAML fragment.

```
<Grid
xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"
xmlns:x="http://schemas. microsoft.com/winfx/2006/xaml" Background="WhiteSmoke"
Width="437"
Height="43">
<TextBlock Name="PrgLoader" FontSize="24" FontWeight="ExtraBold"
TextAlignment="Cen ter" />
</Grid>
```

The Web application also has a Web page named default.aspx that has the following HTML ma rkup. (Line numbers are included for reference only.)

```
01 <html xmlns="http://www.w3.org/1999/xhtml" >
02 <head>
03 <script type="text/javascript">
04
05 </script>
06 </head>
07 <body>
08 <object data="data:application/xsilverlight2,"
type="application/xsilverlight2"
width="100%"
height="100%">
09 <param name="source" value="ClientBin/MyApp.xap"/>
10
11 </object>
12 </body>
13 </html>
```

You need to ensure that LoadScreen.xaml is displayed instead of the default Silverlight application loading screen. You also need to ensure that the PrgLoader TextBlock displays the progress percentage of loading the Silverlight application. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Insert the following code fragment at line 04. function UpdateProgress(sender, args) {
document.getElementById("PrgLoader").nodeValue = Math.round((args.progress * 1000)) / 10 + "%";
}

B. Insert the following code fragment at line 04. function UpdateProgress(sender, args) {
sender.findName("PrgLoader").Text =
Math.round((args.progress * 1000)) / 10 + "%";
}
C. Insert the following HTML markup at line 10.
<param name="splashScreenSource" value="LoadScreen.xaml" />
<param name="onSourceDownloadProgressChanged" value="UpdateProgress" />
D. Insert the following HTML markup at line 10.
<param name="splashScreenSource" value="LoadScreen.xaml" />
<param name="onSourceDownloadComplete" value="UpdateProgress" /> E. Insert the following HTML markup at line 10.
<param name="splashScreenSource" value="LoadScreen.xaml" />
<param name="onLoad" value="UpdateProgress" />

Answer: B, C

Question: 71

You are developing a Silverlight 4 application. You configure the application to use GPU acceleration. The application is hosted on a Web page by using the following HTML markup.
(Line numbers are included for reference only.)
01 <object data="data:application/xsilverlight2,"
type="application/xsilverlight2"
width="100%"
height="100%">
02 <param name="source" value="ClientBin/MySilverlightApplication.xap"/>
03 <param name="enableGPUAcceleration" value="true" />
04
05 </object>
You need to identify the surfaces that are GPUaccelerated in the application. Which line of code should you insert at line 04?

A. <param name="enableHtmlAccess" value="true" />
B. <param name="enableRedrawRegions" value="true" />
C. <param name="enableFrameRateCounter" value="true" />
D. <param name="enableCacheVisualization" value="true" />

Answer: D

Question: 72

You are developing a Silverlight 4 application named Contoso.Accounts.Ui. The application uses a Silverlight library named Contoso.Ui.Common. You use application library caching to reduce the size of the XAP file by deploying Contoso.Ui.Common as a separate zip file. You create the following XML file.
< xml version="1.0" >
<manifest xmlns:xsi="http://www.w3.org/2001/XMLSchemainstance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
<assembly>
<name>Contoso.UI.Common</name>
<version>1.0.0.0</version>

<publickeytoken>5ca45a28299b8a35</publickeytoken>
<relpath>Contoso.UI.Common.dll</relpath>
<extension downloadUri="Contoso.UI.Common.zip" />
</assembly>
</manifest>
You need to ensure that the Contoso.Ui.Common library will be packaged as a separate zip file.
What should you do?

A. Save the XML file as Contoso.Ui.Common.extmap.xml to the Bin folder of the Contoso.Accounts.Ui project.
B. Save the XML file as Contoso.Accounts.Ui.extmap.xml to the Bin folder of the Contoso.Accounts.Ui project.
C. Save the XML file as Contoso.Ui.Common.extmap.xml to the Contoso.Ui.Common project. Set the Build Action for the file as Embedded Resource.
D. Save the XML file as Contoso.Accounts.Ui.extmap.xml to the Contoso.Ui.Common project. Set the Build Action for the file as Embedded Resource.

Answer: A

Question: 73

You are developing a Silverlight 4 application that will be hosted on a page at http://www.contoso.com/MainPage.aspx. You also create a Windows Communication Foundation (W CF) service hosted at http://www.fabrikam.com/BusinessService.svc. You need to ensure that the Silver light application can access the WCF service. You also need to ensure that no other Silverlight applications can access the WCF service.
What should you do?

A. Publish a clientaccesspolicy.xml file at the root folder of http: //www.fabrikam.com by using t he following XAML fragment.
< xml version="1.0" encoding="utf8" >
<accesspolicy>
<crossdomainaccess>
<policy>
<allowfrom httprequestheaders="SOAPAction">
<domain uri="*"/>
</allowfrom>
<grantto>
<resource path="/BusinessService.svc" includesubpaths="true"/>
</grantto>
</policy>
</crossdomainaccess>
</accesspolicy>
B. Publish a clientaccesspolicy.xml file at the root folder of http: //www.fabrikam.com by using t he following
XAML fragment.
< xml version="1.0" encoding="utf8" >
<accesspolicy>
<crossdomainaccess>
<policy>
<allowfrom httprequestheaders="SOAPAction">
<domain uri="http: //contoso.com"/>

</allowfrom>
<grantto>
<resource path="/" includesubpaths="true"/>
</grantto>
</policy>
</crossdomainaccess>
</accesspolicy>
C. Publish a clientaccesspolicy.xml file at the root folder of http: //www.contoso.com by using th e following
XAML fragment.
< xml version="1.0" encoding="utf8" >
<accesspolicy>
<crossdomainaccess>
<policy>
<allowfrom httprequestheaders="SOAPAction">
<domain uri="http: //www.fabrikam.com"/>
</allowfrom>
<grantto>
<resource path="/" includesubpaths="true"/>
</grantto>
</policy>
</crossdomainaccess>
</accesspolicy>
D. Publish a clientaccesspolicy.xml file at the root folder of http: //www.contoso.com by using th e following
XAML fragment.
< xml version="1.0" encoding="utf8" >
<accesspolicy>
<crossdomainaccess>
<policy>
<allowfrom httprequestheaders="SOAPAction">
<domain uri="*"/>
</allowfrom>
<grantto>
<resource path="/BusinessService.svc" includesubpaths="true"/>
</grantto>
</policy>
</crossdomainaccess>
</accesspolicy>

Answer: B

Question: 74

You have a Silver light application that connects to a Windows Communication Foundation (WCF) service. The WCF service is not hosted on the originating domain. When you call the WCF service, you receive the following error: "Page Not Found." You need to resolve the error. What should you do?

A. Place a clientaccesspolicy.xml file in the root folder of the WCF service.
B. Place a clientaccesspolicy.xml file in the root folder of the Web host of Silver light.
C. Place a clientaccesspolicy.xml file in the ClientBin folder of the Web host of Silver light.

D. Embed a clientaccesspolicy.xml as a resource in the XAP file of the Silver light application.

Answer: A

Question: 75

You are developing a Silver light 4 application. You host the application by using a Web application available a t http://www.contoso.com. The Web application contains multiple Windows Communication Foundation (WCF) services hosted at http://www.contoso.com/internal and
http://www.contoso.com/external. You need to ensure that only your Silverlight application can access the services at http://www.contoso.com/internal. You also need t o ensure t hat other
Silverlight applications created by external vendors can access the services at
http://www.contoso.com/external. What should you do?

A. Publish a clientaccesspolicy.xml file at the root folder of http: //www.contoso.com by using th e following XAML fragment.

```
< xml version="1.0" encoding="utf8" >
<accesspolicy>
<crossdomainaccess>
<policy>
<allowfrom httprequestheaders="SOAPAction">
<domain uri="http: //www.contoso.com/external"/>
</allowfrom>
<grantto>
<resource path="/ " includesubpaths="true"/>
</grantto>
</policy>
</crossdomainaccess>
</accesspolicy>
```

B. Publish a clientaccesspolicy.xml file at the root folder of http: //www.contoso.com by using th e following
XAML fragment.

```
< xml version="1.0" encoding="utf8" >
<accesspolicy>
<crossdomainaccess>
<policy>
<allowfrom httprequestheaders="SOAPAction">
<domain uri="http: //www.contoso.com"/>
</allowfrom>
<grantto>
<resource path="/external " includesubpaths="true"/>
</grantto>
</policy>
</crossdomainaccess>
</accesspolicy>
```

C. Publish a clientaccesspolicy.xml file at the root folder of http:
//www.contoso.com/external by using the following XAML fragment.

```
< xml version="1.0" encoding="utf8" >
<accesspolicy>
<crossdomainaccess>
<policy>
```

<allowfrom httprequestheaders="SOAPAction">
<domain uri="*"/>
</allowfrom>
<grantto>
<resource path="/ " includesubpaths="true"/>
</grantto>
</policy>
</crossdomainaccess>
</accesspolicy>
D. Publish a clientaccesspolicy.xml file at the root folder of http: //www.contoso.com by using th e following
XAML fragment.
< xml version="1.0" encoding="utf8" >
<accesspolicy>
<crossdomainaccess>
<policy>
<allowfrom httprequestheaders="SOAPAction">
<domain uri="*"/>
</allowfrom>
<grantto>
<resource path="/external" includesubpaths="true"/>
</grantto>
</policy>
</crossdomainaccess>
</accesspolicy>

Answer: D

Question: 76

You are developing a Silver light 4 application. The application defines the following three event handlers. (Line numbers are included for reference only.)
01 Private Sub HandleCheck(sender As Object, e As RoutedEventArgs)
02 MessageBox.Show("Checked")
03 End Sub
04
05 Private Sub HandleUnchecked(sender As Object, e As RoutedEventArgs)
06 MessageBox.Show("Unchecked")
07 End Sub
08
09 Private Sub HandleThirdState(sender As Object, e As RoutedEventArgs)
10 MessageBox.Show("Indeterminate")
11 End Sub
You need to allow a check box that can be selected, cleared, or set to Indeterminate. You also need to ensure that the event handlers are invoked when the user changes the state of the control. Which XAML fragment should you use?

A. <CheckBox x:Name="cb2" Content="Three State CheckBox" IsChecked="True"
Checked="HandleCheck" Indeterminate="HandleUnchecked"
Unchecked="HandleUnchecked" />
B. <CheckBox x:Name="cb2" Content="Three State CheckBox" IsThreeState="True"
Checked="HandleCheck" Indeterminate="HandleThirdState"

Unchecked="HandleUnchecked" />
C. <CheckBox x:Name="cb2" Content="Three State CheckBox"
IsHitTestVisible="True" Checked="HandleCheck" Indeterminate="HandleThirdState"
Unchecked="HandleUnchecked" />
D. <CheckBox x:Name="cb2" Content="Three State CheckBox" IsEnabled="True"
Checked="Handle Check" Indeterminate ="Handle Unchecked"
Unchecked="HandleUnchecked" />

Answer: B

Question: 77

You are developing a Silver light 4 application.
The application contains an XAML page that defines the following Grid control.
<Grid Name="gridBody" >
<Grid.RowDefinitions>
<RowDefinition />
<RowDefinition />
</Grid.RowDefinitions>
<TextBlock Text="Employee Info" />
<TextBlock Text="Please enter employee info" Grid.Row="1" Height="20"
VerticalAlignment=
"Top" />
<TextBox x:Name="EmpInfo" Grid.Row="1" Margin="0,25,0,0"
TextWrapping="Wrap" />
...
</Grid> The codebehind
file for myPage.xaml contains the following code segment. (Line numbers are
included f or
reference only.)
01 Public Sub New()
02 InitializeComponent()
03
04 Dim control As UserControl = New MyCustomControl()
05
06 End Sub
You need to replace the contents of the second row of gridBody with a user control of the MyCustomControl type.
Which code segment should you insert at line 05?

A. gridBody.Children.Insert(1, control)
B. gridBody.RowDefinitions.Remove(gridBody.RowDefinitions(1))
gridBody.Children.Insert(1, control)
C. gridBody.RowDefinitions.Remove(gridBody.RowDefinitions(1))
gridBody.Children.Insert(1, control) gridBody.Children.Clear() Grid.SetRow(control, 1)
gridBody.Children.Add(control)
D. gridBody.RowDefinitions.Remove(gridBody.RowDefinitions(1))
gridBody.Children.Insert(1, control) gridBody.Children.Clear() Grid.SetRow(control, 1)
gridBody.Children.Add(control)

Answer: D

Question: 78

You are developing a Silver light 4 application.
The application defines the following XAML fragment. (Line numbers are included for reference only.)
01 <ComboBox>
02 <ComboBoxItem Content="Item 1" />
03 <ComboBoxItem Content="Item 2" />
04 <ComboBoxItem Content="Item 3" />
05 </ComboBox> The codebehind
file contains the following code segment. (Line numbers are included for
reference only.
)
06 Private Sub PrintText(sender As Object, args As SelectionChangedEventArgs)
07
08 MessageBox.Show("You selected " + cbi.Content.ToString() + ".")
09 End Sub
You need to ensure that when the user selects an item in a ComboBox control, the content of the item is displayed.
What should you do?

A. Replace the following XAML fragment at line 01.
<ComboBox SelectionChanged="PrintText"> Add the following code segment at line 07.
Dim cbi As ComboBoxItem = TryCast(TryCast(sender, ComboBox).SelectedItem,
ComboBoxIt em)
B. Replace the following XAML fragment at line 01.
<ComboBox SelectionChanged="PrintText"> Add the following code segment at line 07.
Dim cbi As ComboBoxItem = TryCast(TryCast(sender, ComboBox).SelectedIndex,
ComboBoxI tem)
C. Replace the following XAML fragment at line 01.
<ComboBox DropDownClosed="PrintText"> Add the following code segment at line 07.
Dim cbi As ComboBoxItem = TryCast(TryCast(sender, ComboBox).SelectedItem,
ComboBoxIt em)
D. Replace the following XAML fragment at line 01.
<ComboBox DropDownClosed="PrintText"> Add the following code segment at line 07.
Dim cbi As ComboBoxItem = TryCast(TryCast(sender, ComboBox).SelectedIndex,
ComboBoxI tem)

Answer: A

Question: 79

You are developing a Silver light 4 application. You have a collection named ColPeople of the List<Person> type. You define the Person class according to the following code segment. Public Class Person Public Property Name () As String Public Property Description() As String Public Property Gender() As String Public Property Age() As Integer Public Property Weight() as Integer End Class

You need to bind ColPeople to a ComboBox so that only the Name property is displayed.
Which XAML fragment should you use?

A. <ComboBox DataContext="{Binding ColPeople}" ItemsSource="{Binding ColPeople}" DisplayMemberPath="Name" />
B. <ComboBox DataContext="{Binding Person}" ItemsSource="{Binding Person}" DisplayMemberPath="ColPeople" />
C. <ComboBox DataContext="{Binding ColPeople}" DisplayMemberPath="Name" />
D. <ComboBox DataContext="{Binding Person}" />

Answer: A

Question: 80

You are developing a Silver light 4 application. You define an Invoice object according to the following code segment. Public Class Invoice Public Property InvoiceId() As Integer Public Property Amount() As Double Public Property Supplier() As Supplier Public Property InvoiceDate() As DateTime Public Property PayDate() As DateTime Public Property InvoiceDescription() As String End Class

You need to display a list of invoices that have the following properties displayed on each line:
InvoiceId, Amount, and InvoiceDate.
Which XAML fragment should you use?

A. <ListBox x:Name="InvoiceListBox">
<StackPanel Orientation="Horizontal">
<TextBlock Text="{Binding Path=InvoiceId}" />
<TextBlock Text="{Binding Path=Amount}" />
<TextBlock Text="{Binding Path=InvoiceDate}" />
</StackPanel>
</ListBox>
B. <ListBox x:Name="InvoiceListBox">
<StackPanel Orientation="Horizontal">
<ListBoxItem>
<TextBlock Text="{Binding Path=InvoiceId}" />
</ListBoxItem>
<ListBoxItem>
<TextBlock Text="{Binding Path=Amount}" />
</ListBoxItem>
<ListBoxItem>
<TextBlock Text="{Binding Path=InvoiceDate}" />
</ListBoxItem>
</StackPanel>
</ListBox>
C. <ListBox x:Name="InvoiceListBox">
<ListBox.Items>
<ItemsPanelTemplate>
<StackPanel Orientation="Horizontal">
<TextBlock Text="{Binding Path=InvoiceId}" />
<TextBlock Text="{Binding Path=Amount}" />
<TextBlock Text="{Binding Path=InvoiceDate}" />
</StackPanel>
</ItemsPanelTemplate>
</ListBox.Items>

</ListBox>
D. <ListBox x:Name="InvoiceListBox">
<ListBox.ItemTemplate>
<DataTemplate>
<StackPanel Orientation="Horizontal">
<TextBlock Text="{Binding Path=InvoiceId}" />
<TextBlock Text="{Binding Path=Amount}" />
<TextBlock Text="{Binding Path=InvoiceDate}" />
</StackPanel>
</DataTemplate>
</ListBox.ItemTemplate>
</ListBox>

Answer: D

Question: 81

You are developing a Silver light 4 application. You define the visual behavior of a custom control in the ControlTemplate by defining a VisualState object named Selected.
You need to change the visual state of the custom control to the Selected state.
Which code segment or XAML fragment should you use?

A. VisualStateManager.GoToState(Me, "Selected", True)
B. <VisualTransition To="Selected">
<Storyboard>
</Storyboard>
</VisualTransition>
C. <VisualTransition From="Selected">
<Storyboard>
</Storyboard>
</VisualTransition>
D. Public Shared ReadOnly SelectedProperty As DependencyProperty =
DependencyProperty.Register("Selected", GetType(VisualState), GetType(MyControl),
Nothin g) Public Property Selected As VisualState Get Return
GetValue(SelectedProperty) End Get Set(ByVal value As VisualState)
SetValue(SelectedProperty, value) End Set End Property

Answer: A

Question: 82

You are developing an application by using Silver light 4 and Microsoft .NET Framework
4. You create a new user control in the application. You add the following XAML fragment to the control.
<StackPanel KeyDown="App_KeyDown" Orientation="Vertical">
<TextBox x:Name="firstName" />
<TextBox x:Name="lastName" />
<TextBox x:Name="address" />
</StackPanel>
You add the following code segment in the codebehind
file of the control. (Line numbers are included for reference only.)

```
01 Private Sub App_KeyDown(ByVal sender As Object, ByVal e As KeyEventArgs)
02
03 End Sub
04
05 Private Sub FirstAndLastNameKeyDown()
06 '...
07 End Sub
```

You need to ensure that the FirstAndLastNameKeyDown method is invoked when a key is pressed while the focus is on the firstName or lastName TextBox controls. You also need to ensure that the default behavior of the controls remains unchanged.
Which code segment should you add at line 02?

A.
```
If ((CType(sender,FrameworkElement).Name = "firstName") _
OrElse (CType(sender,FrameworkElement).Name = "lastName")) Then
FirstAndLastNameKeyDown
End If
e.Handled = false
```
B.
```
If ((CType(sender,FrameworkElement).Name = "firstName") _
OrElse (CType(sender,FrameworkElement).Name = "lastName")) Then
FirstAndLastNameKeyDown
End If
e.Handled = true
```
C.
```
If ((CType(e.OriginalSource,FrameworkElement).Name = "firstName") _
OrElse (CType(e.OriginalSource,FrameworkElement).Name = "lastName")) Then
FirstAndLastNameKeyDown
End If e.Handled = false
```
D.
```
If ((CType(e.OriginalSource,FrameworkElement).Name = "firstName") _
OrElse (CType(e.OriginalSource,FrameworkElement).Name = "lastName")) Then
FirstAndLastNameKeyDown
End Ife.Handled = true
```

Answer: C

Question: 83

You are developing an application by using Silverlight 4 and Microsoft .NET Framework 4. The application has a TextBox control named txtName. You need to handle the event when txtName has the focus and the user presses the F2 key. Which two actions should you perform?
(Each correct answer presents part of the solution. Choose two.)

A.
```
AddHandler txtName.KeyDown, New KeyEventHandler ( AddressOf
txtName_KeyDown)
```
B.
```
AddHandler txtName.LostFocus, New RoutedEventHandler(AddressOf
txtName_LostFocus)
```
C.
```
AddHandler txtName.TextChanged, New TextChangedEventHandler(AddressOf
txtName_TextChanged)
```
D.
```
Private Sub txtName_TextChanged(sender As Object, e As TextChangedEventArgs)
'Custom logic
If DirectCast(e.OriginalSource, Key) = Key.F2 Then
End If End Sub
```
E.
```
Private Sub txtName_KeyDown(sender As Object, e As KeyEventArgs)
```

'Custom logic
If e.Key = Key.F2 Then
End If End Sub
F. Private Sub txtName_LostFocus(sender As Object, e As RoutedEventArgs)
'Custom logic If DirectCast(e.OriginalSource, Key) = Key.F2 Then
End If End Sub

Answer: A, E

Question: 84

You are developing an application by using Silverlight 4 and Microsoft .NET Framework 4. The application contains the following XAML fragment.
<TextBlock x:Name="QuoteOfTheDay" />
The application calls a Windows Communication Foundation (WCF) service named MyService t hat returns the quote of the day and assigns it to the QuoteOfTheDay TextBlock.
The application contains the following code segment. (Line numbers are included for reference only.)
01 Dim client = New MyService.MyServiceClient()
02
AddHandler client.GetQuoteOfTheDayCompleted, Sub(s, args) QuoteOfTheDay.Text =
args.Result
03 client.GetQuoteOfTheDayAsync()
You need to handle errors that might occur as a result of the service call. You also need to provide a default value of "Unavailable" when an error occurs.
Which code segment should you replace at lines 02 and 03?

A. QuoteOfTheDay.Text = "Unavailable"
AddHandler client.GetQuoteOfTheDayCompleted, Sub(s, args) QuoteOfTheDay.Text =
args.Result
End Sub client.GetQuoteOfTheDayAsync()
B. AddHandler client.GetQuoteOfTheDayCompleted,Sub(s, args) If args.Result IsNot
Nothing Then
QuoteOfTheDay.Text = args.Result
Else
QuoteOfTheDay.Text = "Unavailable" End If
End Sub client.GetQuoteOfTheDayAsync()
C. AddHandler client.GetQuoteOfTheDayCompleted, Sub(s, args) QuoteOfTheDay.Text
= args.Result
End Sub
Try client.GetQuoteOfTheDayAsync()
Catch ex As Exception
' TODO: handle exception
QuoteOfTheDay.Text = "Unavailable" End Try
D. AddHandler client.GetQuoteOfTheDayCompleted, Sub(s, args) If args.[Error] Is
Nothing Then
QuoteOfTheDay.Text = args.Result
Else
' TODO: handle error
QuoteOfTheDay.Text = "Unavailable" End If
End Sub client.GetQuoteOfTheDayAsync()

Answer: D

Question: 85

You are developing an application by using Silverlight 4 and Microsoft .NET Framework 4.
You create a Windows Communication Foundation (WCF) Data Service. You add a service reference to the WCF Data Service named NorthwindEntities in the Silverlight application. You also add a CollectionViewSource object named ordersViewSource in the Silverlight application.
You add the following code segment. (Line numbers are included for reference only.)

```
01 Sub getOrders_Click(ByVal sender As Object, ByVal e As RoutedEventArgs)
02 Dim context As New NorthwindEntities()
03
04 Dim query = From order In context.Orders Select order
05
06 End Sub
```

You need to retrieve the Orders data from the WCF Data Service and bind the data to the ordersViewSource object.
Which two actions should you perform?
(Each correct answer presents part of the solution. Choose two.)

A. Add the following code segment at line 03.
Dim obsCollection = New ObservableCollection(Of Order)
B. Add the following code segment at line 03.
Dim dsOrders As New DataServiceCollection(Of Order)
AddHandler dsOrders.LoadCompleted, New EventHandler(Of
LoadCompletedEventArgs)(Sub(
dsc, args) ordersViewSource.Source = disorders End Sub)
C. Add the following code segment at line 05. dsOrders.LoadAsync(query)
D. Add the following code segment at line 05. dsOrders.Load(query)
E. Add the following code segment at line 05. query.ToList().ForEach(Sub(o)
obsCollection.Add(o)) ordersViewSource.Source = obsCollection

Answer: B, C

Question: 86

You are developing an application by using Silverlight 4 and Microsoft .NET Framework 4. You add a BackgroundWorker object named worker to the application.
You add the following code segment. (Line numbers are included for reference only.)

```
01 Public Sub New()
02 InitializeComponent()
03 worker.WorkerSupportsCancellation = True
04 AddHandler worker.DoWork, New DoWorkEventHandler(AddressOf
worker_DoWork)
05 AddHandler worker.RunWorkerCompleted, New
RunWorkerCompletedEventHandler(AddressOf worker_Completed)
06 End Sub
07 Private Sub worker_DoWork(sender As Object, e As DoWorkEventArgs)
08
For i As Integer = 0 To 99
09 InvokeLongRunningProcessStep()
```

10 Next
11 End Sub

You need to ensure that worker can be properly canceled. Which code segment should you use to replace line 09?

A. Dim cancel = TryCast(sender, BackgroundWorker).CancellationPending
If cancel Then
TryCast(sender, BackgroundWorker).CancelAsync() Else
InvokeLongRunningProcessStep()
End If
B. Dim cancel = TryCast(sender, BackgroundWorker).CancellationPending
If cancel Then e.Cancel = True
Else
InvokeLongRunningProcessStep()
End If
C. Dim cancel = e.Cancel
If cancel Then
TryCast(sender, BackgroundWorker).CancelAsync() Else
InvokeLongRunningProcessStep()
End If
D. Dim cancel = e.Cancel
If cancel Then e.Cancel = True
Else InvokeLongRunningProcessStep()
End If

Answer: B

Question: 87

You are developing an application by using Silverlight 4 and Microsoft .NET Framework
4. You add a BackgroundWorker object named worker to the application. You also add a CheckBox control named checkBox and a TextBlock control named statusTextBlock you add the following code segment. (Line numbers are included for reference only.)
01 Public Sub New()
02 InitializeComponent()
03 worker.WorkerReportsProgress = True
04 AddHandler worker.DoWork, New DoWorkEventHandler(AddressOf
worker_DoWork)
05 AddHandler worker.ProgressChanged, New
ProgressChangedEventHandler(AddressOf worker_ProgressChanged)
06 End Sub
07 Private Sub worker_DoWork(sender As Object, e As DoWorkEventArgs)
08 For i As Integer = 0 To 99
09 Dim isChecked As Boolean = checkBox.IsChecked.HasValue AndAlso
checkBox.IsChecked.Value
10 ExecuteLongRunningProcessStep(isChecked)
11 worker.ReportProgress(i)
12 Next
13 End Sub
14
Private Sub worker_ProgressChanged(sender As Object, e As

ProgressChangedEventArgs)
15 statusTextBlock.Text = Convert.ToString(e.ProgressPercentage) & "%"
16 End Sub
You attempt to run the application. You receive the following error message:
"Invalid crossthread acce ss."
You need to ensure that worker executes successfully. What should you do?

A. Replace line 09 with the following code segment.
Dim b = CType(checkBox.GetValue(CheckBox.IsCheckedProperty),
System.Nullable(Of Boole an))
Dim isChecked As Boolean = b.HasValue AndAlso b.Value
B. Replace line 09 with the following code segment. Dim isChecked As Boolean = False
Dispatcher.BeginInvoke(Function()
isChecked = checkBox.IsChecked.HasValue AndAlso checkBox.IsChecked.Value
End Function)
C. Replace line 15 with the following code segment.
statusTextBlock.SetValue(TextBlock.TextProperty, (e.ProgressPercentage + "%"))
D. Replace line 15 with the following code segment. Dispatcher.BeginInvoke(Function()
statusTextBlock.Text = e.ProgressPercentage + "%" End Function)

Answer: B

Question: 88

You are developing an application by using Silverlight 4 and Microsoft .NET Framework 4. You add the following code segment. (Line numbers are included for reference only.)
01 Public Class MyControl Inherits Control
02
03 Public Property Title() As String
04 Get
05 Return DirectCast(GetValue(TitleProperty), String)
06 End Get
07 Set
08 SetValue(TitleProperty, value)
09 End Set
10 End Property
11 End Class
You need to create a dependency property named TitleProperty that allows developers to set the Title. You also need to ensure that the default value of the TitleProperty dependency property is set to Untitled. Which code segment you add at line 02?

A. Public Shared ReadOnly TitleProperty As DependencyProperty =
DependencyProperty.Register("Untitled", GetType(System.String),
GetType(MyControl), Nothing)
B. Public Shared ReadOnly TitleProperty As DependencyProperty =
DependencyProperty.Register("Untitled", GetType(System.String),
GetType(MyControl), New PropertyMetadata("Title"))
C. Public Shared ReadOnly TitleProperty As DependencyProperty =
DependencyProperty.Register("Title", GetType(System.String), GetType(MyControl),
New PropertyMetadata("Untitled"))

D. Public Shared ReadOnly TitleProperty As DependencyProperty =
DependencyProperty.Register("Title", GetType(String),
GetType(MyControl), New PropertyMetadata(New
PropertyChangedCallback(Sub(depObj, ar gs)
depObj.SetValue(MyControl.TitleProperty, "Untitled") End Sub)))

Answer: C

Question: 89

You are developing an application by using Silverlight 4 and Microsoft .NET Framework
4. You create a control named MyControl in the application. Each instance of the control contains a list of FrameworkElement objects.
You add the following code segment. (Line numbers are included for reference only.)

```
01 Public Class MyControl
02 Inherits Control
03
04 Public ReadOnly Property ChildElements As List(Of FrameworkElement)
05 Get
06
Return DirectCast(GetValue(MyControl.ChildElementsProperty), List(Of
FrameworkElement))
07 End Get
08 End Property
09 Public Sub New()
10
11 End Sub
12
13 Shared Sub New()
14
15 End Sub
16 End Class
```

You need to create the ChildElementsProperty dependency property. You also need to initialize the property by using an empty list of FrameworkElement objects.
Which two actions should you perform?
(Each correct answer presents part of the solution. Choose two.)

A. Add the following code segment at line 03.
Public Shared ReadOnly ChildElementsProperty As DependencyProperty =
DependencyProperty.Register("ChildElements", GetType(List(Of FrameworkElement)),
GetType(MyControl), New PropertyMetadata(New List(Of FrameworkElement)()))
B. Add the following code segment at line 03.
Public Shared ReadOnly ChildElementsProperty As DependencyProperty =
DependencyProperty.Register("ChildElements", GetType(List(Of FrameworkElement)),
GetType(MyControl), New PropertyMetadata(Nothing))
C. Add the following code segment at line 10.
SetValue(MyControl.ChildElementsProperty, New List(Of FrameworkElement)())
D. Add the following code segment at line 14.
ChildElementsProperty = DependencyProperty.Register("ChildElements",
GetType(List(Of FrameworkElement)), GetType(MyControl), New

PropertyMetadata(New List(Of FrameworkElement)()))

Answer: B, C

Question: 90

You are developing an application by using Silverlight 4 and Microsoft .NET Framework 4. You add the following code segment. (Line numbers are included for reference only.)

```
01 Dim outerCanvas = New Canvas()
02 Dim innerCanvas = New Canvas()
03 innerCanvas.Width = 200
04 innerCanvas.Height = 200
05 outerCanvas.Children.Add(innerCanvas)
06
```

You need to set the distance between the left of the innerCanvas element and the left of the out erCanvas element to 150 pixels.
Which code segment should you add at line 06?

A. outerCanvas.Margin = New Thickness(0.0, 150.0, 0.0, 0.0)
B. innerCanvas.Margin = new Thickness(0.0, 150.0, 0.0, 0.0)
C. outerCanvas.SetValue(Canvas.LeftProperty, 150.0)
D. innerCanvas.SetValue(Canvas.LeftProperty, 150.0)

Answer: D

Question: 91

You are developing a Silverlight 4 application. The application contains a Product class that has a public Boolean property named IsAvailable. You need to create a value converter that binds data to the Visibility property of a Button control. Which code segment should you use?

A. Public Class BoolToVisibilityConverter
Implements IValueConverter
Public Function Convert(value As Object, targetType As Type, parameter As Object, culture As System.Globalization.CultureInfo) As Object _
Implements IValueConverter.Convert
Dim result As Boolean = System.Convert.ToBoolean(parameter) Return If(result,
Visibility.Visible, Visibility.Collapsed)
End Function
Public Function ConvertBack(value As Object, targetType As Type,
parameter As Object, culture As System.Globalization.CultureInfo) As Object _
Implements IValueConverter.ConvertBack
Throw New NotImplementedException() End Function
End Class
B. Public Class BoolToVisibilityConverter
Implements IValueConverter
Public Function Convert(value As Object, targetType As Type,
parameter As Object, culture As System.Globalization.CultureInfo) As Object _
Implements IValueConverter.Convert

Dim result As Boolean = System.Convert.ToBoolean(value) Return If(result,
Visibility.Visible, Visibility.Collapsed)
End Function
Public Function ConvertBack(value As Object, targetType As Type,
parameter As Object, culture As System.Globalization.CultureInfo) As Object _
Implements IValueConverter.ConvertBack
Throw New NotImplementedException() End Function
End Class
C. Public Class BoolToVisibilityConverter
Inherits PropertyPathConverter
Public Function Convert(value As Object, targetType As Type,
parameter As Object, culture As System.Globalization.CultureInfo) As Object
Return Me.ConvertTo(value, GetType(Visibility)) End Function
Public Function ConvertBack(value As Object, targetType As Type,
parameter As Object, culture As System.Globalization.CultureInfo) As Object
Throw New NotImplementedException() End Function
End Class
D. Public Class BoolToVisibilityConverter
Public Function Convert(value As Object, targetType As Type,
parameter As Object, culture As System.Globalization.CultureInfo) As Object
Dim result As Boolean = System.Convert.ToBoolean(value) Return If(result,
Visibility.Visible, Visibility.Collapsed)
End Function
Public Function ConvertBack(value As Object, targetType As Type,
parameter As Object, culture As System.Globalization.CultureInfo) As Object
Throw New NotImplementedException() End Function
End Class

Answer: B

Question: 92

You are developing a Silverlight 4 application. The application contains a Product class that has a public string property named Name.
You create a TextBox control by using the following XAML fragment.
<TextBox Text="{Binding Name, ValidatesOnDataErrors=True}" />
You need to ensure that validation errors are reported to the user interface. You also need to e nsure that a validation error will occur when the TextBox control is empty.
Which code segment should you use?

A. Public Class Product
<Required> _
Public Property Name() As String
End Class
B. Public Class Product
Implements IDataErrorInfo
Public Property Name() As String
Public ReadOnly Property [Error]() As String _ Implements IDataErrorInfo.Error
Get
Return Nothing
End Get

End Property
Public Default ReadOnly Property Item(columnName As String) As String _ Implements
IDataErrorInfo.Item
Get
If columnName = "Name" AndAlso String.IsNullOrEmpty(Name) Then
Throw New ValidationException("Name should not be empty! ") End If
Return String.Empty
End Get
End Property
End Class
C. Public Class Product
Implements IDataErrorInfo
Public Property Name() As String
Public ReadOnly Property [Error]() As String _ Implements IDataErrorInfo.Error
Get
Return Nothing
End Get
End Property
Public Default ReadOnly Property Item(columnName As String) As String _ Implements
IDataErrorInfo.Item
Get
If columnName = "Name" AndAlso String.IsNullOrEmpty(Name) Then
Return "Name should not be empty! " End If
Return String.Empty
End Get
End Property
End Class
D. Public Class Product
Private _name As String
Public Property Name() As String
Get
Return _name
End Get
Set
If String.IsNullOrEmpty(value) Then
Throw New ValidationException("Name should not be empty! ") End If
_name = value
End Set
End Property
End Class

Answer: C

Question: 93

You are developing a ticketing application by using Silverlight 4. You have a listbox named lstTickets that contains a list of the tickets. The page contains a button that allows the user to print the tickets. The PrintView UserControl binds to the type in lstTickets and is designed to fit a standard sheet of paper. You add the following code segment to the button event handler.
(Line numbers are included for reference only.)
01 Dim doc = New PrintDocument()

```
02 Dim view = New PrintView()
03 AddHandler doc.PrintPage, Sub(s, args)
04 Dim ppc = doc.PrintedPageCount
05 If ppc < lstTickets.Items.Count Then
06 Dim data = lstTickets.Items(ppc)
07 view.DataContext = data
08 args.PageVisual = view
09
10
11 End If
12
13 End Sub
14 doc.Print("tickets")
```

You need to use the Silverlight printing API to print each ticket on its own page. You also need t o ensure that all tickets in the listbox are printed. Which code segment should you insert at line s 09 and 10?

A. If args.HasMorePages = False Then
Return
End If
B. If args.HasMorePages = True Then
Return
End If
C. If doc.PrintedPageCount < Me.lstTickets.Items.Count 1 Then args.HasMorePages =
True
End If
D. If ppc = Me.lstTickets.Items.Count 1 Then
AddHandler doc.EndPrint, Sub(o, p) Return

Answer: C

Question: 94

You are developing an outofbrowser application by using Silverlight 4. The main page of the application contains the following code segment.
Public Sub New() InitializeComponent()
AddHandler NetworkChange.NetworkAddressChanged, Sub(s, e)
CheckNetworkStatusAndR aiseToast() CheckNetworkStatusAndRaiseToast()
End Sub
You need to ensure that the application will raise a toast notification when network connectivity changes. Which two actions should you perform in the CheckNetworkStatusAndRaiseToast me thod?
(Each correct answer presents part of the solution. Choose two.)

A. Verify that App.Current.IsRunningOutOfBrowser is true.
B. Verify that App.Current.IsRunningOutOfBrowser is false.
C. Verify that App.Current.HasElevatedPermissions is true.
D. Verify that App.Current.HasElevatedPermissions is false.
E. Examine NetworkInterface.GetIsNetworkAvailable().
F. Call App.Current.CheckAndDownloadUpdateAsync() in a try/catch block.

Answer: A, E

Question: 95

You have a Silverlight 4 application that uses isolated storage.
You create an application that has a 5 MB file that must be saved to isolated storage.
Currently, the application has not allocated enough isolated storage to save the file.
You need to ensure that the application prompts the user to increase the isolated storage allocation. You also need to ensure that only the minimum amount of space needed to save the 5
MB file is requested. Which code segment should you use?

A. Using store = IsolatedStorageFile.GetUserStoreForApplication() Dim neededSpace = 5242880
If store.IncreaseQuotaTo(neededSpace) Then
'... End If
End Using
B. Using store = IsolatedStorageFile.GetUserStoreForApplication() Dim neededSpace = 5242880
If store.IncreaseQuotaTo(store.Quota + neededSpace) Then
'... End If
End Using
C. Using store = IsolatedStorageFile.GetUserStoreForApplication() Dim neededSpace = 5242880
If store.IncreaseQuotaTo(store.AvailableFreeSpace + neededSpace) Then
' ... End If
End Using
D. Using store = IsolatedStorageFile.GetUserStoreForApplication() Dim neededSpace = 5242880
If store.IncreaseQuotaTo(store.UsedSize + neededSpace) Then
' ... End If
End Using

Answer: D

Question: 96

You are developing a shopping application by using Silverlight 4. The application has a
ListBox named lstBasket that contains the items in the shopping basket. You need to save the items in lstBasket to isolated storage. You also need to ensure that the items in isolated storage are available to other Silverlight applications hosted on the same Web site. Which code segment should you use?

A. Dim settings = IsolatedStorageSettings.ApplicationSettings
Dim items = Me.lstBasket.DataContext
Dim token = "basket"
If settings.Contains(token) Then settings(token) = items
Else
settings.Add(token, items) End If
B. Dim fileName = "basket.dat"
Dim items = Me.lstBasket.DataContext
Using fs = New IsolatedStorageFileStream(fileName, FileMode.Create,

FileAccess.Write, store)
Dim serializer = New DataContractSerializer(items.[GetType]())
serializer.WriteObject(fs, items) End Using store.CreateFile(fileName)
C. Dim settings = IsolatedStorageSettings.SiteSettings
Dim items = Me.lstBasket.DataContext
Dim token = "basket"
If settings.Contains(token) Then settings(token) = items
Else
settings.Add(token, items) End If
D. Dim store = IsolatedStorageFile.GetUserStoreForSite() Dim fileName = "basket.dat"
Dim items = Me.lstBasket.DataContext
Using fs = New IsolatedStorageFileStream(fileName, FileMode.Create,
FileAccess.Write, store)
Dim serializer = New DataContractSerializer(items.[GetType]())
serializer.WriteObject(fs, items) End Using store.CreateFile(fileName)

Answer: C

Question: 97

You are developing a Silverlight 4 application. The Web page of the application containsa Text Box that has the txtTime ID. You define the following JavaScript function on the Web page.

```
Function ShowTime(strTime) {
document.getElementById('txtTime').value = strTime;
}
```

You need to pass the current time to the ShowTime function from Silverlight. Which code segment should you use?

A. HtmlPage.Window.Invoke("ShowTime", DateTime.Now.ToString())
B. HtmlPage.Window.InvokeSelf("ShowTime(" & DateTime.Now.ToString() & ")")
C. HtmlPage.Window.Invoke("ShowTime(" & DateTime.Now.ToString() & ")",
Nothing)
D. HtmlPage.Window.InvokeSelf("javascript: ShowTime(" & DateTime.Now.ToString()
& ")")

Answer: A

Question: 98

You are developing a browserhosted application by using Silverlight 4. The application runs in partial trust and uses the copyandpaste functionality.
The application contains the following XAML fragment.

```
<TextBox x:Name="textBoxClipBoard" />
```

You need to retrieve the contents of the Clipboard and display the contents in the TextBox. Which XAML fragment or code segment should you use?

A. Public Sub New() InitializeComponent()
textBoxClipBoard.Text = Clipboard.GetText() End Sub
B. Public Sub New() InitializeComponent()
AddHandler Me.Loaded, New RoutedEventHandler(AddressOf MainPage_Loaded) End
Sub

Private Sub MainPage_Loaded(sender As Object, e As RoutedEventArgs)
textboxClipboard.Text = Clipboard.GetText() End Sub
C. <Button x:Name="btnGetClipboard" Content="Get Clipboard"
Click="btnGetClipboard_Click"
></Button>
Private Sub btnGetClipboard_Click(sender As Object, e As RoutedEventArgs)
textboxClipboard.Text = Clipboard.GetText() End Sub
D. <Button x:Name="btnGetClipboard" Content="Get Clipboard"
Click="btnGetClipboard_Click"
></Button>
Private Sub btnGetClipboard_Click(sender As Object, e As RoutedEventArgs)
Clipboard.SetText(textboxClipboard.Text)
End Sub

Answer: C

Question: 99

You are developing a Silverlight 4 application. The application has a user control named HomePage.xaml and an Application class named App.xaml. HomePage.xaml must be displayed when the application is started. You need to set HomePage.xaml as the initial page of the application. What should you do?

A. Create the following constructor for the Application class. Public Sub New()
InitializeComponent()
Dim homePage = New HomePage()
homePage.Visibility = Visibility.Visible
End Sub
B. Create the following constructor for the Application class. Public Sub New()
InitializeComponent() Me.MainWindow.SetValue(UserControl.ContentProperty, New HomePage())
End Sub
C. Create the following event handler for the Application.Startup event. Private Sub Application_Startup(sender As Object, e As StartupEventArgs)
Me.RootVisual = New HomePage() End Sub
D. Create the following event handler for the Application.Startup event. Private Sub Application_Startup(sender As Object, e As StartupEventArgs)
Dim homePage = New HomePage() homePage.SetValue(HomePage.ContentProperty, Me.MainWindow) Me.MainWindow.Activate()
End Sub

Answer: C

Question: 100

You are developing a Silverlight 4 application.
The application contains the following code segment. (Line numbers are included for reference only.)
01 Public Class App Inherits Application
02
03 Public Sub New()
04 AddHandler Me.UnhandledException, AddressOf Me.AppUnhandledException

05 InitializeComponent
06 End Sub
07
08 Private Sub AppUnhandledException(ByVal sender As Object, ByVal e As
ApplicationUnhandledExceptionEventArgs)
09
10
End Sub
11 End Class
You need to ensure that unhandled exceptions in the application are prevented from being thrown to the page that hosts the application.
Which code segment should you insert at line 09?

A. CType(sender,SystemException).Data.Clear
B. e.ExceptionObject = Nothing
C. e.Handled = false
D. e.Handled = true

Answer: D

Question: 101

You are developing an outofbrowser application by using Silverlight 4.
The application contains the following code segment. (Line numbers are included for reference only.)
01 Public Class App Inherits Application
02
03 Public Sub New()
04 AddHandler Me.Startup, AddressOf Me.Application_Startup
05 InitializeComponent
06 End Sub
07
06 Private Sub Application_Startup(ByVal sender As Object, ByVal e
As StartupEventArgs)
09 Me.RootVisual = New MainPage
10
11 End Sub
12 End Class
You need to ensure that when a new version of the application is available, it is automatically installed and the user is notified.
Which code segment should you insert at line 10?

A. If Me.Install() Then
MessageBox.Show("Newer version is installed. Please restart the application") End If
B. AddHandler Me.InstallStateChanged, Sub(s, args) If Me.InstallState =
InstallState.Installed Then
MessageBox.Show("Newer version is installed. Please restart the application") End If
End Sub
Me.Install()
C. AddHandler Me.CheckAndDownloadUpdateCompleted, Sub(s, args) If
args.UpdateAvailable Then
MessageBox.Show("Newer version is installed. Please restart the application") End If

End Sub
Me.CheckAndDownloadUpdateAsync()
D. AddHandler Me.CheckAndDownloadUpdateCompleted, Sub(s, args) If
Me.IsRunningOutOfBrowser Then
MessageBox.Show("Newer version is installed. Please restart the application") End If
End Sub
Me.CheckAndDownloadUpdateAsync()

Answer: C

Question: 102

You are developing a Silverlight 4 application.
The application is hosted by using the following HTML element.
<object data="data:application/xsilverlight2,"
type="application/xsilverlight2" width="100%" height="100%">
<param name="source" value="ClientBin/MyApp.xap"/>
<param name="onError" value="onSilverlightError" />
<param name="background" value="white" />
<param name="minRuntimeVersion" value="4.0.50401.0" />
<param name="autoUpgrade" value="true" />
<param name="initParams" value="InitKey=<%=Session["modKey"] %> " />
</object>
The App.xaml.cs file contains the following code fragment. (Line numbers are included for refer ence only.)
01 Private Sub Application_Startup(sender As Object, e As StartupEventArgs)
02
03 End Sub
You need to retrieve the value of the modKey session variable in the Startup event handler. Which code segment should you insert at line 02?

A. Dim moduleKey = e.InitParams("modKey")
B. Dim moduleKey = e.InitParams("InitKey")
C. Dim moduleKey = e.InitParams.Select(Function(kvp) kvp.Key =
"modKey").ToString()
D. Dim moduleKey = e.InitParams.Select(Function(kvp) kvp.Key =
"InitKey").ToString()

Answer: B

Question: 103

You are developing a Silverlight 4 application. You plan to host the application in a Web application. The Web application contains a zip file named Images.zip that contains an image named logo.j pg.
You write the following code segment. Dim client As New WebClient() AddHandler client.OpenReadCompleted, New OpenReadCompletedEventHandler(AddressOf
ClientOpenReadCompleted) client.OpenReadAsync(New Uri("..\Images.zip", UriKind.Relative))
You also write the following event handler. (Line numbers are included for reference only.)
01
Private Sub ClientOpenReadCompleted(sender As Object, e As
OpenReadCompletedEventAr gs)

02 If e.[Error] Is Nothing AndAlso Not e.Cancelled Then
03
04 End If
05 End Sub
The main window contains an Image element named ImgLogo.
You need to extract logo.jpg from Images.zip and set logo.jpg as the source for ImgLogo.
Which code segment should you insert at line 03?

A. Dim zipResource As New StreamResourceInfo(e.Result, "application/zip")
Dim imageSource = Application.GetResourceStream(zipResource, New Uri("Logo.jpg",
UriKind
.Absolute))
Dim image As BitmapImage = New BitmapImage
image.SetSource(imageSource.Stream) ImgLogo.Source = image
B. Dim zipResource As New StreamResourceInfo(e.Result, "application/zip")
Dim imageSource = Application.GetResourceStream(zipResource, New Uri("Logo.jpg",
UriKind .Relative))
Dim image As BitmapImage = New BitmapImage
image.SetSource(imageSource.Stream) ImgLogo.Source = image
C. Dim imageSource As New StreamResourceInfo(e.Result, "./Logo.jpg") Dim image As
BitmapImage = New BitmapImage image.SetSource(imageSource.Stream)
ImgLogo.Source = image
D. Dim imageSource As New StreamResourceInfo(e.Result, "Images/Logo.jpg") Dim image As BitmapImage = New BitmapImage image.SetSource(imageSource.Stream)
ImgLogo.Source = image

Answer: B

Question: 104

You are developing a Silverlight 4 application. The application contains a window that has a
TextBlock named TxtHeading. The application also has a font named MyFont in a file named MyF ont.otf.
MyFont.otf is located in the root folder of the Web application that hosts the Silver light application.
You need to dynamically load the font file and use it to display the contents of TxtHeading. Which code segment should you write in the load event of the window?

A. Dim client = New WebClient()
AddHandler client.DownloadStringCompleted, Sub(s, args) TxtHeading.FontFamily =
New FontFamily(args.Result) End Sub
client.DownloadStringAsync(New Uri("..\MyFont.otf", UriKind.Absolute))
B. Dim client = New WebClient()
AddHandler client.DownloadStringCompleted, Sub(s, args) TxtHeading.FontFamily =
New FontFamily(args.Result) End Sub
client.DownloadStringAsync(New Uri("..\MyFont.otf", UriKind.Relative))
C. Dim client = New WebClient()
AddHandler client.OpenReadCompleted, Sub(s, args) TxtHeading.FontSource = New
FontSource(args.Result) TxtHeading.FontFamily = New FontFamily("MyFont") End Sub
client.OpenReadAsync(New Uri("..\MyFont.otf", UriKind.Absolute))
D. Dim client = New WebClient()
AddHandler client.OpenReadCompleted, Sub(s, args) TxtHeading.FontSource = New
FontSource(args.Result) TxtHeading.FontFamily = New FontFamily("MyFont") End Sub

client.OpenReadAsync(New Uri("..\MyFont.otf", UriKind.Relative))

Answer: D

Question: 105

You are developing a Silverlight 4 application by using the Grid control. You need to ensure that the Grid has three evenly spaced columns that fill the width of the Grid Which XAML fragment should you use?

A. <Grid Height="50" Width="300">
<Grid.ColumnDefinitions>
<ColumnDefinition Width="1.33"/>
<ColumnDefinition Width="1.33"/>
<ColumnDefinition Width="1.33"/>
</Grid.ColumnDefinitions>
</Grid>
B. <Grid Height="50" Width="300">
<Grid.ColumnDefinitions>
<ColumnDefinition Width="0.33"/>
<ColumnDefinition Width="Auto" />
<ColumnDefinition Width="Auto"/>
</Grid.ColumnDefinitions>
</Grid>
C. <Grid Height="50" Width="300">
<Grid.ColumnDefinitions>
<ColumnDefinition Width="0.33*"/>
<ColumnDefinition Width="0.33*"/>
<ColumnDefinition Width="0.33*"/>
</Grid.ColumnDefinitions>
</Grid>
D. <Grid Height="50" Width="300">
<Grid.ColumnDefinitions>
<ColumnDefinition Width="1"/>
<ColumnDefinition Width="1*"/>
<ColumnDefinition Width="1"/>
</Grid.ColumnDefinitions>
</Grid>

Answer: C

Question: 106

You are developing a Silverlight 4 application that allows users to arrange images.
You need to create three objects in the shape of ellipses as shown in the following image.
Which value of ZIndex should you set to each ellipse?

A. •Red = 2
•Blue = 1
•Green = 0
B. •Red = 2

•Blue = 0
•Green = 1
C. •Red = 0
•Blue = 1
•Green = 2
D. •Red = 1
•Blue = 0
•Green = 2

Answer: A

Question: 107

You are developing a Silverlight 4 application. The application contains a control that allows users to select user profile options. You need to define a set of controls that allows users to select between the following background colors:
•White
•Gray
You also need to define a set of controls that allows users to select between the following default window sizes:
•900 x 700
•700 x 500
Which XAML fragment should you use?

A. <RadioButton x:Name="White" Content="White" />
<RadioButton x:Name="Gray" Content="Gray" />
<RadioButton x:Name="900x700" Content="900 x 700" />
<RadioButton x:Name="700x500" Content="700 x 500" />
B. <RadioButton x:Name="White" GroupName="Backgrounds" Content="White" />
<RadioButton x:Name="Gray" GroupName="Backgrounds" Content="Gray" />
<RadioButton x:Name="900x700" GroupName="WindowSizes" Content="900 x 700" />
<RadioButton x:Name="700x500" GroupName="WindowSizes" Content="700 x 500" />
C. <RadioButton x:Name="White" Content="White" />
<RadioButton x:Name="Gray" Content="Gray" />
<Line Stroke="Black" StrokeThickness="4"/>
<RadioButton x:Name="900x700" Content="900 x 700" />
<RadioButton x:Name="700x500" Content="700 x 500" />
D. <RadioButton x:Name="White" GroupName="ProfileSettings" Content="White" />
<RadioButton x:Name="Gray" GroupName="ProfileSettings" Content="Gray" />
<Line Stroke="Black" StrokeThickness="4"/>
<RadioButton x:Name="900x700" GroupName="ProfileSettings" Content="900 x 700" />
<RadioButton x:Name="700x500" GroupName="ProfileSettings" Content="700 x 500" />

Answer: B

Question: 108

You are developing a Silverlight 4 application.
You have a page that contains the following XAML fragment.
<StackPanel Orientation="Vertical">
<Grid x:Name="Master">
<ListBox x:Name="lstOrders" />

```
</Grid>
<Grid x:Name="Details">
<ListBox x:Name="lstOrdersDetails" />
<myControls:DetailsViewLoading />
</Grid>
</StackPanel>
```

The application defines the DetailsViewLoading user control by using the following XAML fragm ent. (Line numbers are included for reference only.)

```
01 <UserControl x:Class="DetailsViewLoading"
xmlns=http://schemas.microsoft.com/winfx/2006/xaml/presentation
xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml">
02 <Grid>
03
04
05 <StackPanel>
06 <TextBlock Text="Loading Details..."/>
07 <Button Content="Close" Click="CloseBtn_Click"/>
08 </StackPanel>
09 </Border>
10 </Grid>
11 </UserControl>
```

You need to display the DetailsViewLoading user control on top of the other content in the Details Grid control. You also need to ensure that the rest of the content in the Details Grid control is unavailable until the DetailsViewLoading user control isclosed.
Which XAML fragment should you insert at lines 03 and 04?

A.
```
<Border CornerRadius="30" Background="#FF5C7590" Width="600"
Height="250">
<Rectangle HorizontalAlignment="Stretch" VerticalAlignment="Stretch"
Opacity="0.765" Fill="#FF8A8A8A"/>
```
B.
```
<Rectangle HorizontalAlignment="Stretch" VerticalAlignment="Stretch"
Opacity="0.765" Fill="#FF8A8A8A"/>
<Border CornerRadius="30" Background="#FF5C7590" Width="600" Height="250">
```
C.
```
<Border CornerRadius="30" Background="#FF5C7590" Width="600"
Height="250">
<Rectangle HorizontalAlignment="Center" VerticalAlignment="Center"
Opacity="0.765" Fill="#FF8A8A8A"/>
```
D.
```
<Rectangle HorizontalAlignment="Center" VerticalAlignment="Center"
Opacity="0.765" Fill="#FF8A8A8A"/>
<Border CornerRadius="30" Background="#FF5C7590" Width="600" Height="250">
```

Answer: B

Question: 109

You are developing a Silverlight 4 application. You need to specify that the "/Sales/June/Short" uniform resource identifier (URI) pattern is mapped to the following URI.
/Views/Reports/Sales.xaml time=June&show=Short
Which URI mapping should you add?

A. <sdk:UriMapping Uri="/{reporttype}/{month}/{format}"
MappedUri="/{reporttype}.xaml time={month}&show={format}"/>
B. <sdk:UriMapping Uri="/{reporttype}.xaml time={month}&show={format}"
MappedUri="/{reporttype}/{month}/{format}"/>
C. <sdk:UriMapping Uri="/{reporttype}/{month}/{format}"
MappedUri="/Views/Reports/{reporttype}.xaml time={month}&show={format}"/>
D. <sdk:UriMapping Uri="/Views/Reports/{reporttype}.xaml
Time={month}&show={format}" MappedUri="/{reporttype}/{month}/{format}"/>

Answer: C

Question: 110

You are developing a Silverlight 4 application. The application defines the following XAML fragment. (Line numbers are included for reference only.)
01 <Grid x:Name="LayoutRoot">
02 <sdk:Frame x:Name="ContentFrame" Source="/Home">
03 <sdk:Frame.UriMapper>
04 <sdk:UriMapper x:Name="ContentMapper">
05 <sdk:UriMapping Uri="/{pageName}"
MappedUri="/Views/{pageName}.xaml"/>
06 </sdk:UriMapper>
07 </sdk:Frame.UriMapper>
08 </sdk:Frame>
09 <Grid>
10
11 </Grid>
12 </Grid>

You need to define a hyperlink that navigates to a resource within the Frame. Which XAML fragment should you insert at line 10?

A. <HyperlinkButton NavigateUri="/About" TargetName="ContentMapper" />
B. <HyperlinkButton NavigateUri="/About" TargetName="ContentFrame" />
C. <HyperlinkButton NavigateUri="/About" TargetName="_parent" />
D. <HyperlinkButton NavigateUri="/About" TargetName="_top" />

Answer: B

Question: 111

You are developing a Silverlight 4 application. You need to add a MediaElement control that handles when the media has finished playing. Which XAML fragment should you use?

A. <MediaElement x:Name="MediaElement1" AutoPlay="True"
MediaEnded="MediaElement1_MediaEnded"/>
B. <MediaElement x:Name="MediaElement1" AutoPlay="True"
MediaOpened="MediaElement1_MediaOpened"/>
C. <MediaElement x:Name="MediaElement1" AutoPlay="True"

MarkerReached="MediaElement1_MarkerReached"/>
D. <MediaElement x:Name="MediaElement1" AutoPlay="True"
CurrentStateChanged="MediaElement1_CurrentStateChanged" />

Answer: A

Question: 112

You are developing a Silverlight 4 application. You need to create an implicit style for a ComboBox that specifies the following settings: •FontFamily = Verdana •Foreground = Green
Which XAML fragment should you use?

A. <Style
TargetType="ComboBox">
<Setter Property="FontFamily" Value="Verdana" />
<Setter Property="Foreground" Value="Green" />
</Style>
B. <Style
x:Key="StandardComboBox" TargetType="ComboBox">
<Setter Property="FontFamily" Value="Verdana" />
<Setter Property="Foreground" Value="Green" />
</Style>
C. <Style
x:Name="StandardComboBox">
<Setter Property="FontFamily" Value="Verdana" />
<Setter Property="Foreground" Value="Green" />
</Style>
D. <Style>
<Setter Property="FontFamily" Value="Verdana" />
<Setter Property="Foreground" Value="Green" />
</Style>

Answer: A

Question: 113

You are developing a Silverlight 4 application. You define a style according to the following XAML fragment.
<Style TargetType="Button"> <Setter Property="Width" Value="75" /><Setter Property="Height" Value="23" /> </Style>
You need to implement a new button that will override this style by using the default Silverlight style. Which XAML fragment should you use?

A. <Button x:Name="DocumentsButton" Style="{StaticResource null}"
Content="Documents" />
B. <Button x:Name="DocumentsButton" Style="{ }" Content="Documents" />
C. <Button x:Name="DocumentsButton" Style="{x:Null}" Content="Documents" />
D. <Button x:Name="DocumentsButton" Content="Documents" />

Answer: C

Question: 114

You are developing a Silverlight 4 application. The following ControlTemplate has been defined as a Resource.
<ControlTemplate TargetType="TextBox" x:Key="TextBoxTemplate"> <! custom code... > </ControlTemplate>
You need to set a TextBox control to use the resource. Which XAML fragment should you use?

A. <TextBox Template="{StaticResource TextBoxTemplate}" />
B. <TextBox Text="{StaticResource TextBoxTemplate}" />
C. <TextBox Style="{StaticResource TextBoxTemplate}" />
D. <TextBox Resources="{StaticResource TextBoxTemplate}" />

Answer: A

Question: 115

You are developing a Silverlight 4 application. The application contains the following XAML fragment. <ComboBox Style="{StaticResource ComboBoxTemplate}" /> You need to add a custom control template to the ComboBoxTemplate style for the ComboBox control. Which XAML fragment should you use?

A. <Style x:Key="ComboBoxTemplate" TargetType="ComboBox">
<Setter Property="ControlTemplate">
<! customized content… >
</Setter>
</Style>
B. <Style x:Key="ComboBoxTemplate" TargetType="ComboBox">
<Setter>
<Setter.Value>
<ControlTemplate TargetType="ComboBox">
<! customized content… >
</ControlTemplate>
</Setter.Value>
</Setter>
</Style>
C. <Style x:Key="ComboBoxTemplate">
<Setter Property="ComboBox">
<Setter.Value>
<ControlTemplate>
<! customized content… >
</ControlTemplate>
</Setter.Value>
</Setter>
</Style>
D. <Style x:Key="ComboBoxTemplate" TargetType="ComboBox">
<Setter Property="Template">
<Setter.Value>
ControlTemplate TargetType="ComboBox">
<! customized content… >
</ControlTemplate>
</Setter.Value>
</Setter>

</Style>

Answer: D

Question: 116

You are developing a line¬of-business application by using Silverlight 4. The application will be used for data entry and reporting purposes. You need to implement a DataGrid control that will allow editing of bound dat a. Which XAML fragment should you use?

A. <grid:DataGridTemplateColumn Header="Supplier">
<grid:DataGridTemplateColumn.CellTemplate>
<DataTemplate>
<TextBlock Text="{Binding Path=Supplier}" />
</DataTemplate>
</grid:DataGridTemplateColumn.CellTemplate>
</grid:DataGridTemplateColumn>
B. <grid:DataGridTemplateColumn Header="Supplier">
<grid:DataGridTemplateColumn.CellStyle>
<Style TargetType="grid:DataGridTemplateColumn">
<Setter Value="Template" Property="EditTemplate" />
</Style>
</grid:DataGridTemplateColumn.CellStyle>
</grid:DataGridTemplateColumn>
C. <grid:DataGridTemplateColumn Header="Supplier">
<grid:DataGridTemplateColumn.CellTemplate>
<DataTemplate>
<TextBox Text="{Binding Path=Supplier}" />
</DataTemplate>
</grid:DataGridTemplateColumn.CellTemplate>
</grid:DataGridTemplateColumn>
D. <grid:DataGridTemplateColumn Header="Supplier">
<grid:DataGridTemplateColumn.CellTemplate>
<DataTemplate>
<TextBlock Text="{Binding Path=Supplier}" />
</DataTemplate>
</grid:DataGridTemplateColumn.CellTemplate>
<grid:DataGridTemplateColumn.CellEditingTemplate>
<DataTemplate>
<TextBox Text="{Binding Path=Supplier}"/>
</DataTemplate>
</grid:DataGridTemplateColumn.CellEditingTemplate>
</grid:DataGridTemplateColumn>

Answer: D

Question: 117

You are developing a Silverlight 4 application. The application contains an Image control to display an image. You need to modify the application to display the image on its side. Which

XAML fragment should you use?

A. <Image.Projection>
<PlaneProjection RotationY="90"/>
</Image.Projection>
B. <Image.RenderTransform>
<CompositeTransform TranslateY="90"/>
</Image.RenderTransform>
C. <Image.RenderTransform>
<CompositeTransform Rotation="90"/>
</Image.RenderTransform>
D. <Image.RenderTransform>
<CompositeTransform ScaleY="90"/>
</Image.RenderTransform>

Answer: C

Question: 118

You are developing a Silverlight 4 application. The application defines the following XAML fragment. (Line numbers are included for reference only.)
01 <Canvas Width="400" Height="300">
02 <Canvas.Resources>
03 <Storyboard x:Name="myStoryboard">
04 <PointAnimationUsingKeyFrames
Storyboard.TargetProperty="Center" Storyboard.TargetName="AnimatedEllipse">
05 <EasingPointKeyFrame Value="50,20" KeyTime="00:00:02">
06 <EasingPointKeyFrame.EasingFunction>
07
08 </EasingPointKeyFrame.EasingFunction>
09 </EasingPointKeyFrame>
10
</PointAnimationUsingKeyFrames>
11 </Storyboard>
12 </Canvas.Resources>
13 <Path Fill="Blue">
14 <Path.Data>
15 <EllipseGeometry x:Name="AnimatedEllipse" RadiusX="15" RadiusY="15" />
16 </Path.Data>
17 </Path>
18 </Canvas>
You need to animate the ellipse so that the ellipse moves to the upper boundary of the canvas where it slows down and stops. Which code fragment should you insert at line 07?

A. <QuintiEase EasingMode="EaseIn"/>
B. <BackEase EasingMode="EaseIn"/>
C. <CubicEase EasingMode="EaseOut"/>
D. <SineEase EasingMode="EaseInOut"/>

Answer: C

Question: 119

You are developing a Silverlight 4 application. The application has an XAML page that contains the following XAML fragment. (Line numbers are included for reference only.)

```
01 <ComboBox x:Name="cbName">
02 <ComboBoxItem Content="One"/>
03 <ComboBoxItem Content="Two"/>
04 </ComboBox>
05 <Rectangle>
06 <i:Interaction.Triggers>
07
08 </i:Interaction.Triggers>
09 </Rectangle>
```

You need to allow the user to call an ICommand named GetPeopleCommand when the user clicks the Rectangle. You also need to pass the selected value of the ComboBox to GetPeopleCommand. Which XAML fragment should you insert at line 07?

A.
```
<i:EventTrigger EventName="MouseLeftButtonDown">
<i:InvokeCommandAction Command="{Binding GetPeopleCommand}"
CommandParameter="{Binding SelectedItem, ElementName=cbName}"/>
</i:EventTrigger>
```
B.
```
<i:EventTrigger EventName="MouseButtonDown">
<i:InvokeCommandAction Command="{Binding GetPeopleCommand}"
CommandParameter="{Binding SelectedItem, ElementName=cbName}"/>
</i:EventTrigger>
```
C.
```
<i:EventTrigger EventName="MouseLeftButtonDown">
<i:InvokeCommandAction Command="{Binding GetPeopleCommand}"
CommandParameter="{Binding SelectedValue, ElementName=cbName}"/>
</i:EventTrigger>
```
D.
```
<i:EventTrigger EventName="MouseButtonDown">
<i:InvokeCommandAction Command="{Binding GetPeopleCommand}"
CommandParameter="{Binding SelectedValue, ElementName=cbName}"/>
</i:EventTrigger>
```

Answer: A

Question: 120

You are developing a Silverlight 4 application. You define two VisualStates named Fail and Pass for a custom control. You need to ensure that the transition from the Fail state to the Pass state takes two seconds. Which XAML fragment should you use?

A.
```
<VisualTransition From="Fail" To="Pass"
GeneratedDuration="0:0:2" />
```
B.
```
<VisualTransition From="Fail" />
<VisualTransition
To="Pass" />
<VisualTransition GeneratedDuration="0:0:2" />
```
C.
```
<VisualTransition
```

From="Fail" To="Pass" />
<VisualTransition GeneratedDuration="0:0:2" />
D. <VisualTransition From="Pass" GeneratedDuration="0:0:2" />
<VisualTransition
To="Fail" GeneratedDuration="0:0:2" />

Answer: A

Question: 121

You are developing an application by using Silverlight 4 and Microsoft .NET Framework 4. You add the following XAML fragment. (Line numbers are included for reference only.)
01 <Grid x:Name="LayoutRoot">
02 <Grid.ColumnDefinitions>
03 <ColumnDefinition />
04 <ColumnDefinition />
05 </Grid.ColumnDefinitions>
06
07 </Grid>

You need to add a Button control inside the second column of the Grid control. You also need t o set the content and the tooltip of the Button control to Send and Send document, respectively.
Which XAML fragment should you insert at line 06?

A. <Button Grid.Column="1">
<ToolTipService.ToolTip>
<ToolTip>Send document</ToolTip>
</ToolTipService.ToolTip> Send
</Button>
B. <Button>
<ToolTipService.ToolTip>
<ToolTip>Send document</ToolTip>
</ToolTipService.ToolTip> Send
</Button>
C. <Button Grid.Column="1">
<Canvas>
<ToolTip>Send document</ToolTip>
<TextBlock>Send</TextBlock>
</Canvas>
</Button>
D. <Button>
<Canvas>
<ToolTip>Send document</ToolTip>
<TextBlock>Send</TextBlock>
</Canvas>
</Button>

Answer: A

Question: 122

You are developing an application by using Silverlight 4 and Microsoft .NET Framework 4. You add a class named CreateOrderCommand in the application. You implement the ICommand interface in the CreateOrderCommand class. You also create a class named CreateOrder View Model. You add the following XAML fragment to create a UserControl named CreateOrder. (Line numbers are included for reference only.)

```
01 <UserControl.Resources>
02 <local:CreateOrderViewModel x:Key="vm" />
03 </UserControl.Resources>
04
05 <Grid x:Name="LayoutRoot" DataContext="{StaticResource vm}" >
06
07 </Grid>
```

You need to bind the CreateOrderCommand command to a Button control. What should you do?

A. •Create a property named CreateOrder in the codebehind class of the CreateOrder control.
•Set the type of the CreateOrder property to CreateOrderCommand.
•Add the following XAML fragment at line 06.
<Button Content="Create" Command="CreateOrder" />

B. •Create a property named CreateOrder in the codebehind class of the CreateOrder control.
•Set the type of the CreateOrder property to CreateOrderCommand.
•Add the following XAML fragment at line 06.
<Button Content="Create" Command="CreateOrder.CreateOrder" />

C. •Create a property named CreateOrder in the CreateOrderViewModel class.
•Set the type of the CreateOrder property to CreateOrderCommand.
•Add the following XAML fragment at line 06.
<Button Content="Create" Command="{Binding CreateOrder}" />

D. •Create a property named CreateOrder in the CreateOrderViewModel class.
•Set the type of the CreateOrder property to CreateOrderCommand.
•Add the following XAML fragment at line 06.
<Button Content="Create" Command="{Binding CreateOrder.CreateOrder}" />

Answer: C

Question: 123

You are developing an application by using Silverlight 4 and Microsoft .NET Framework 4. You create a class named SendMessageCommand that implements the ICommand interface. You bind the SendMessageCommand class as a command for a Button control. You need to ensure that the SendMessageCommand class receives the Text property of a Text Box control named txtMessage as a parameter. Which value should you set in the CommandParameter property of the Button control?

A. txtMessage.Text
B. {Binding txtMessage, Path=TextBox.Text}
C. {Binding ElementName=txtMessage, Path=Text}
D. {Binding ElementName=txtMessage, Path=TextBox.Text}

Answer: C

Question: 124

You are developing a Silverlight 4 application. The application contains a TextBlock control that has the DataContext property set to an object. The object exposes a property named Today of the DateTime data type. The Today property returns DateTime.Today. You need to display the string "Today is" concatenated with the value of Today in the TextBlock control by using only X AML. Which binding expression should you use?

A. {Binding Today, StringFormat='Today is'}
B. {Binding Today, StringFormat='Today is {0}'}
C. {Binding Today, ConverterParameter='Today is '}
D. {Binding Today, StringFormat='Today is {Today}'}

Answer: B

Question: 125

You are developing a Silverlight 4 application. The application has a UserControl that has a Tex tBox named FirstName. You need to display the string "Hello" concatenated with the value ente red in the TextBox. Which XAML fragment should you use?

A. <TextBlock Text="Hello {Binding Path=Text, ElementName=FirstName}" />
B. <TextBlock Text="{Binding Path=Hello, ConverterParameter=FirstName}" />
C. <TextBlock Text="{Binding Path=Text, StringFormat='Hello {FirstName}'}" />
D. <TextBlock Text="{Binding Path=Text, ElementName=FirstName, StringFormat='Hello {0}'}" />

Answer: D

Question: 126

You are developing a Silverlight 4 application. The application contains a Person class that has apublic nullable DateTime property named Birthday. You display a list of Person objects in a DataGrid control. One of the columns in the DataGrid control is bound to Birthday. You need to ensure that the databound column displays Birthday by using the long date format. Which binding expression should you use?

A. {Binding Path=Birthday, FallbackValue='D'}
B. {Binding Path=Birthday, StringFormat=\{0:D\}}
C. {Binding Path=Birthday, ConverterParameter=\{0:D\}}
D. {Binding Path=Birthday, TargetNullValue='LongDatePattern'}

Answer: B

Question: 127

You are developing a Silverlight 4 application. The application contains a Car class that implements the INotifyPropertyChanged interface. Th e application also has a public
ObservableCollection<string> property named Tires and a public string property named SelectedTire. The application has a user control that contains the followi ng XAML fragment.
(Line numbers are included for reference only.)
01 <UserControl>
02 <StackPanel>
03 <ListBox ItemsSource="{Binding Path=Tires}" />

04 <TextBox Text="{Binding Path=SelectedTire}" />
05 </StackPanel>
06 </UserControl>
You need to modify the user control to meet the following requirements: •When the selected item in the ListBox is changed, the SelectedTire property in the Car class is updated. •When no item is selected in the ListBox, the text in the TextBox is set to "No value selected." •When the text in the TextBox is changed to a valid entry in the Tires collection, the selected ite m in the ListBox is changed.

Which XAML fragment should you replace at lines 03 and 04?

A. <ListBox ItemsSource="{Binding Path=Tires}" SelectedItem="{Binding
Path=SelectedTire}" />
<TextBox Text="{Binding Path=SelectedTire, TargetNullValue='No value selected',
Mode=Two
Way}" />
B. <ListBox ItemsSource="{Binding Path=Tires}" SelectedItem="{Binding
Path=SelectedTire, Mode=TwoWay}" />
<TextBox Text="{Binding Path=SelectedTire, TargetNullValue='No value selected',
Mode=Two
Way}" />
C. <ListBox ItemsSource="{Binding Path=Tires}" SelectedItem="{Binding
Path=SelectedTire, Mode=TwoWay}" />
<TextBox Text="{Binding Path=SelectedTire, Mode=TwoWay}" />
D. <ListBox ItemsSource="{Binding Path=Tires}" SelectedItem="{Binding
Path=SelectedTire, Mode=TwoWay}" />
<TextBox Text="{Binding Path=SelectedTire, TargetNullValue='No value selected'}" />

Answer: B

Question: 128

You are creating a Silverlight 4 application. The application contains a Person class that has a public property named Address. The application contains a TextBox control that is data bound to the Address property. You need to ensure that the following requirements are met:
•When the Address property changes, the TextBox control is automatically updated.
•When the TextBox control changes, the Address property is not automatically updated.
Which two tasks should you perform?
(Each correct answer presents part of the solution. Choose two.)

A. Use TwoWay data binding.
B. Use OneWay data binding.
C. Use OneTime data binding.
D. Create a PropertyChanged event handler in the Person object.
E. Implement the INotifyPropertyChanged interface in the Person object.

Answer: B, E

Question: 129

You are developing a Silverlight 4 application. The application contains a Slider control named Temperature. You need to display the Value property of Temperature in a TextBlock control. Which XAML fragment should you use?

A. <TextBlock Text="{Binding Path=Temperature.Value}" />
B. <TextBlock Text="{Binding Path=Value, Source=Temperature}" />
C. <TextBlock Text="{Binding Path=Value, ElementName=Temperature}" />
D. <TextBlock DataContext="{StaticResource Temperature}" Text="{Binding Path=Value}" />

Answer: C

Question: 130

You are developing a Silverlight 4 application. The application contains a Product class that has a public Boolean property named IsAvailable. The application also contains a Bool To Visibility Converter class. You create an XAML page that contains a Button control. The page is data bound to an instance of the Product class. You need to ensure that the Button control is visible only if the IsAvailable property is true. Which two tasks should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Add an instance of the BoolToVisibilityConverter class in a Resource block.
B. Set the Button's DataContext property to an instance of the BoolToVisibilityConverter class.
C. Set the UserControl's DataContext property to an instance of the BoolToVisibilityConverter class.
D. Apply the BoolToVisibilityConverter class to the binding syntax of the Button's Visibility property.
E. Apply the BoolToVisibilityConverter class to the binding syntax of the Button's DataContext property.

Answer: A, D

Question: 131

You are developing a Silverlight 4 application. The application contains an OrderItem class that has a public interface property named Quantity and a public Decimal property named UnitPrice.
The application also contains an ExtendedPriceConverter class that calculates the total price for the OrderItem. The application requires a UnitPrice in the value of the converter and a Quantity as the parameter. You create an XAML page that contains a TextBlock control. The converter is defined in the page that contains the following XAML fragment. (Line numbers are included for reference only.)
01 <UserControl.Resources>
02 <converters: ExtendedPriceConverter x:Key="epc"></converters: ExtendedPriceConverter>
03 </UserControl.Resources>
You need to ensure that the TextBlock control uses ExtendedPriceConverter to display the exte nded price when bound to an OrderItem. Which XAML fragment should you use?

A. <TextBlock Text="{Binding Path=UnitPrice, Converter={StaticResource epc},
ConverterParameter='{Binding Quantity}'}" />
B. <TextBlock Text="{Binding Path=UnitPrice, Converter={StaticResource epc},
ConverterParameter=Quantity}" />
C. <TextBlock Text="{Binding Path=UnitPrice, ConverterParameter='{Binding
Quantity}'}" />
D. <TextBlock Text="{Binding Path=UnitPrice, Converter={StaticResource epc},
ConverterParameter='Binding Quantity'}" />

Answer: A

Question: 132

You are developing a Silverlight 4 application. The application contains a TextBox control data bound to a class that implements only the INotifyPropertyChanged interface. When an invalid v alue is entered in the TextBox control, the class will throw a ValidationException in the Set block of its Name property. You need to display the validation error when an invalid value is entered in the TextBox control. Which XAML fragment should you use?

A. <TextBox Text="{Binding Name, Mode=TwoWay, ValidatesOnExceptions=True}"/>
B. <TextBox Text="{Binding Name, Mode=OneWay, ValidatesOnExceptions=True}" />
C. <TextBox Text="{Binding Name, Mode=TwoWay, NotifyOnValidationError=True}" />
D. <TextBox Text="{Binding Name, Mode=OneWay, NotifyOnValidationError=True}" />

Answer: A

Question: 133

You are developing a Silverlight 4 application. The application contains a form that has a Grid control and several input fields. The data context is bound to an object that implements validation. You need to display a summary of validation errors. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Add a ValidationSummary control.
B. Add a ListBox control and bind it to the Validation.Errors property of the Grid control.
C. Set Validation.HasError="True" on the Grid control if any of the fields contains an error.
D. Set NotifyOnValidationError=true and Mode=TwoWay on each field's binding expression.

Answer: A, D

Question: 134

You are developing a trusted application by using Silverlight 4. The application will upload images to a server. You need to provide a user with two ways to select an image file from the C:\Temp folder on the client computer. Which two actions should you perform? (Each correct answer presents a complete solution. Choose two.)

A. Use the OpenFileDialog class.
B. Use the Clipboard class to allow the copyandpaste functionality on the images.
C. Use the Rectangle control as a dropzone and set the AllowDrop property of the control to true.
D. Use the Environment.GetFolderPath and Environment.SpecialFolder methods to access a file specified by the user.

Answer: A, C

Question: 135

You are developing a Silverlight 4 application. You andle the RightMouseButtonDownevent of the application's layout root element to display a shortcut menu. You discover that when the right mouse button is released, the standard information panel in Silverlight appears. You need to prevent the standard information panel in Silverlight from being displayed. What should you do?

A. Handle the KeyDown event.

B. Handle the RightMouseButtonUp event.
C. Set the MouseButtonEventArgs.Handled property to True.
D. Set the layout root element's IsHitTestVisible property to False.

Answer: C

Question: 136

You are developing a Silverlight 4 application. The application has a page that contains a Slider control named sldAmount. You need to enable the wheel of the mouse to control sldAmount.
What should you do?

A. •Handle the ManipulationDelta event on sldAmount.
•Increase sldAmount.SmallChange if the e.DeltaManipulation.Translation.X argument is positive.
•Decrease sldAmount.SmallChange if the e.DeltaManipulation.Translation.X argument is negative.
B. •Handle the ManipulationDelta event on sldAmount.
•Increase sldAmount.Value if the e.DeltaManipulation.Translation.X argument is positive.
•Decrease sldAmount.Value if the e.DeltaManipulation.Translation.X argument is negative.
C. •Handle the MouseWheel event on sldAmount.
•Increase sldAmount.SmallChange if the e.Delta argument is positive.
•Decrease sldAmount.SmallChange if the e.Delta argument is negative.
D. •Handle the MouseWheel event on sldAmount.
•Increase sldAmount.Value if the e.Delta argument is positive.
•Decrease sldAmount.Value if the e.Delta argument is negative.

Answer: D

Question: 137

You are developing an application by using Silverlight 4 and Microsoft .NET Framework 4. The application contains the following XAML fragment. (Line numbers are included for reference only.)

```
01 <Grid x:Name="LayoutRoot" Background="White">
02 <Grid.Resources>
03 <vm:Customers x:Key="CustomerVM"/>
04 <vm:MockCustomers x:Key="MockCustomerVM"/>
05 </Grid.Resources>
06 <sdk:DataGrid AutoGenerateColumns="True"
07 ItemsSource="{Binding CustomerList}" />
08 </Grid>
```

You need to bind the DataGrid to the CustomerList property in MockCustomerVM atdesign time. You also need to bind the DataGrid to the CustomerList property in CustomerVM at run time. Which XAML fragment should you insert between lines 06 and 07?

A. d:Data Context =" {Static Resource Mock Customer VM}"
DataContext="{StaticResource CustomerVM}"
B. DataContext="{StaticResource MockCustomerVM}"d:DataContext="{StaticResource CustomerVM}"
C. Data Context=" {Static Resource MockCustomerVM}"
ItemsControl.ItemsSource="{StaticResource CustomerVM}"
D. d:Data Context= "{Static Resource Mock CustomerVM}"

ItemsControl.ItemsSource="{StaticResource CustomerVM}"

Answer: A

Question: 138

You are developing a Web application by using Silverlight 4 and Microsoft Visual Studio 2010.
You have three resource dictionaries named OrangeSkin.XAML, GraySkin.XAML, and GreenSkin.XAML. Each dictionary has a SolidBrush style and uses the same x: key name of MyBrush. The three resource dictionaries define the color of MyBrush as follows:
•OrangeSkin.XAML defines the color of MyBrush as Orange.
•GraySkin.XAML defines the color of MyBrush as Gray.
•GreenSkin.XAML defines the color of MyBrush as Green.
You have a control that merges the dictionaries by using the following XAML fragment.

```
<UserControl.Resources>
<ResourceDictionary>
<ResourceDictionary.MergedDictionaries>
<ResourceDictionary Source="OrangeSkin.xaml" />
<ResourceDictionary Source="GraySkin.xaml" />
<ResourceDictionary Source="GreenSkin.xaml" />
</ResourceDictionary.MergedDictionaries>
<SolidColorBrush x:Key="MyBrush" Color="Azure"/>
</ResourceDictionary>
</UserControl.Resources>
<Grid x:Name="LayoutRoot" Background="{StaticResource MyBrush}">
</Grid>
```

Which background color will be displayed on the Grid?

A. Azure
B. Gray
C. Green
D. Orange

Answer: A

Question: 139

You are developing a Silverlight 4 application. You have a resource dictionary contained in a file named myDictionary.XAML that is embedded in a separate assembly named myResources.dll.
The App.XAML file contains the following XAML fragment.
(Line numbers are included for reference only.)

```
01 <Application.Resources>
02 <ResourceDictionary Source="Assets/Styles.xaml"/>
03 </Application.Resources>
```

You need to add the myDictionary.XAML file to the resource dictionaries in the application. Which XAML fragment should you use to replace line 02?

A.
```
<ResourceDictionary>
<ResourceDictionary.MergedDictionaries>
<ResourceDictionary Source="Assets/Styles.xaml"/>
```

<ResourceDictionary Source="myResources/myDictionary.xaml"/>
</ResourceDictionary.MergedDictionaries>
</ResourceDictionary>
B. <ResourceDictionary>
<ResourceDictionary.MergedDictionaries>
<ResourceDictionary Source="Assets/Styles.xaml"/>
<ResourceDictionary Source="/myResources;component/myDictionary.xaml"/>
</ResourceDictionary.MergedDictionaries>
</ResourceDictionary>
C. <ResourceDictionary>
<ResourceDictionary.MergedDictionaries>
<ResourceDictionary Source="Assets/Styles.xaml"/>
<ResourceDictionary Source="/myDictionary;component/myResources"/>
</ResourceDictionary.MergedDictionaries>
</ResourceDictionary>
D. <ResourceDictionary>
<ResourceDictionary.MergedDictionaries>
<ResourceDictionary Source="Assets/Styles.xaml"/>
<ResourceDictionary Source="Assets/myDictionary.xaml"/>
</ResourceDictionary.MergedDictionaries>
</ResourceDictionary>

Answer: B

Question: 140

You are developing a multilingual Web site by using Silverlight 4 and Microsoft Visual Studio 2010. The user interface controls are defined in a stack panel. You need to configure the stack panel control to display bidirectional languages. Which property should you set on the stack panel?

A. FlowDirection to RightToLeft
B. HorizontalAlignment to Left
C. HorizontalAlignment to Right
D. Orientation to Horizontal
E. UseLayoutRounding to True

Answer: A

Question: 141

You are developing a multilingual Web site by using Silverlight 4 and Microsoft Visual Studio 2010. The Silverlight application must support three languages: English, French, and French (Canada).
You need to ensure that the application meets the following requirements:
•It uses one resource file for each language.
•It automatically selects the appropriate resource file without the use of additional code.
•It uses the appropriate resource files if the end user's browser supports English, French, or French (Canada).
•It uses the French resource file if the end user's browser supports only French (Belgium).

•It uses the English resource file if the end user's browser does not provide the language it sup ports. Which naming convention should you use?

A. MyResource.resx, MyResource.fr.resx, and MyResource.frca.resx
B. My Resource. english.r esx, My Resource. french. resx, and MyResource.frenchcanada.resx
C. My Resource .english.xml, My Resource. french.xml, and My Resourc .frenchcanada.xml
D. MyResource.xml, MyResource.fr.xml, and MyResource.frca.xml

Answer: A

Question: 142

You are developing an application by using Silverlight 4 and Microsoft Visual Studio 2010. You need to ensure that the application uses Greek (el) as its default language.

What should you do?

A. In the page_load event of the .aspx file that hosts the Silverlight plug- in, set the page culture to el. B. In the Application_Start event of the Global.aspx file, set the culture to el.
C. In the .aspx file that hosts the Silverlight plugin, set the UICulture and culture attributes to el on the object tag.
D. Set the browser's language setting to el by using the HTML Bridge object.

Answer: C

Question: 143

You are developing a Silverlight 4 application that will be hosted on a Web page named default. aspx. The application uses the following HTML markup. (Line numbers are included for reference onl y.)
01 <object data="data:application/xsilverlight2," type="application/xsilverlight2" width="100%" height="100%">
02 <param name="source" value="ClientBin/SilverlightApplication2.xap"/>
03
04 </object>
You need to configure the plugin to enable the display of the contents of default.aspx on top of the application. Which HTML markup should you insert at line 03?

A. <param name="enableRedrawRegions" value="true" />
B. <param name="allowHtmlPopupWindow" value="true" />
C. <param name="enableHtmlAccess" value="true" />
D. <param name="windowless" value="true" />

Answer: D

Question: 144

You are developing a Silverlight 4 application named MySilverlightApplication.xap. The application is hosted on a Microsoft ASP.NET Web page named default.aspx by using the following HTML markup. (Line numbers are included for reference only.)
01 <object data="data:application/xsilverlight2,"type="application/xsilverlight2" width="100%"

height="100%">
02 <param name="source" value="ClientBin/MySilverlightApplication.xap"/>
03
04 </object>
The ASP.NET application has two string variables named strPrimaryEmail and strSecondaryE
mail.
You need to ensure that both variables are passed to the Silverlight application. Which
HTML markup should you insert at line 03?

A. <param name="initParams" value="PrimaryEmail=<%=strPrimaryEmail%>,
SecondaryEmail=<%=strSecondaryEmail%>" />
B. <param name="data" value="PrimaryEmail=<%=strPrimaryEmail %>,
SecondaryEmail=<%=strSecondaryEmail%>" />
C. <param name="initParams" value="PrimaryEmail=<%=strPrimaryEmail%>">
<param name="initParams" value="SecondaryEmail=<%=strSecondaryEmail%>" />
D. <param name="data" value="PrimaryEmail=<%=strPrimaryEmail%>">
<param name="data" value="SecondaryEmail=<%=strSecondaryEmail%>" />

Answer: A

Question: 145

You are developing a Silverlight 4 application that is hosted in a Web application. The Web application has a file named LoadScreen.xaml that contains the following XAML frag ment.
<Grid xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"
xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml" Background="WhiteSmoke"
Width="
437" Height="43">
<TextBlock Name="PrgLoader" FontSize="24" FontWeight="ExtraBold"
TextAlignment="Cen ter" />
</Grid>
The Web application also has a Web page named default.aspx that has the following
HTML ma rkup. (Line
numbers are included for reference only.)
01 <html xmlns="http://www.w3.org/1999/xhtml" >
02 <head>
03 <script type="text/javascript">
04
05 </script>
06 </head>
07 <body>
08 <object data="data:application/xsilverlight2,"
type="application/xsilverlight2"
width="100%"
height="100%">
09 <param name="source" value="ClientBin/MyApp.xap"/>
10
11 </object>
12 </body>
13 </html>
You need to ensure that LoadScreen.xaml is displayed instead of the default Silverlight applicat ionloading screen. You

also need to ensure that the PrgLoader TextBlock displays the progress pe rcentage of loading the Silverlight application. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Insert the following code fragment at line 04. function UpdateProgress(sender, args) {
document.getElementById("PrgLoader").nodeValue = Math.round((args.progress *
1000)) / 10 + "%";
}
B. Insert the following code fragment at line 04. function UpdateProgress(sender, args) {
sender.findName("PrgLoader").Text =
Math.round((args.progress * 1000)) / 10 + "%";
}
C. Insert the following HTML markup at line 10.
<param name="splashScreenSource" value="LoadScreen.xaml" />
<param name="onSourceDownloadProgressChanged" value="UpdateProgress" />
D. Insert the following HTML markup at line 10.
<param name="splashScreenSource" value="LoadScreen.xaml" />
<param name="onSourceDownloadComplete" value="UpdateProgress" />
E. Insert the following HTML markup at line 10.
<param name="splashScreenSource" value="LoadScreen.xaml" />
<param name="onLoad" value="UpdateProgress" />

Answer: B, C

Question: 146

You are developing a Silverlight 4 application. You configure the application to use GPU accele ration. The application is hosted on a Web page by using the following HTML markup. (Line nu mbers are included for reference only.)
01 <object data="data:application/xsilverlight2," type="application/xsilverlight2" width="100%"
height="100%">
02 <param name="source" value="ClientBin/MySilverlightApplication.xap"/>
03 <param name="enableGPUAcceleration" value="true" />
04
05 </object>
You need to identify the surfaces that are GPUaccelerated in the application. Which line of code should you insert at line 04?

A. <param name="enableHtmlAccess" value="true" />
B. <param name="enableRedrawRegions" value="true" />
C. <param name="enableFrameRateCounter" value="true" />
D. <param name="enableCacheVisualization" value="true" />

Answer: D

Question: 147

You are developing a Silverlight 4 application named Contoso.Accounts.Ui. Theapplication uses a Silver light library named Contoso.Ui.Common. You use application library caching to reduce the size of the XAP file by deploying Contoso.Ui.Common as aseparate zip file. You create the following XML file.
< xml version="1.0" >
<manifest xmlns:xsi="http://www.w3.org/2001/XMLSchemainstance"

xmlns:xsd="http://www.w3.org/2001/XMLSchema">
<assembly>
<name>Contoso.UI.Common</name>
<version>1.0.0.0</version>
<publickeytoken>5ca45a28299b8a35</publickeytoken>
<relpath>Contoso.UI.Common.dll</relpath>
<extension downloadUri="Contoso.UI.Common.zip" />
</assembly>
</manifest>
You need to ensure that the Contoso.Ui.Common library will be packaged as a separate zip file
What should you do?

A. Save the XML file as Contoso.Ui.Common.extmap.xml to the Bin folder of the Contoso.Accounts.Ui project.
B. Save the XML file as Contoso.Accounts.Ui.extmap.xml to the Bin folder of the Contoso.Accounts.Ui project.
C. Save the XML file as Contoso.Ui.Common.extmap.xml to the Contoso.Ui.Common project. Set the Build Action for the file as Embedded Resource.
D. Save the XML file as Contoso.Accounts.Ui.extmap.xml to the Contoso.Ui.Common project. Set the Build Action for the file as Embedded Resource.

Answer: A

Question: 148

You are developing a Silverlight 4 application that will be hosted on a page at http://www.contoso.com/MainPage.aspx. You also create a Windows Communication Foundation (WCF) service hosted at http://www.fabrikam.com/BusinessService.svc. You need to ensure that the Silverlight application can access the WCF service. You also need to ensure that no other
Silverlight applications can access the WCF service. What should you do?
A. Publish a clientaccesspolicy.xml file at the root folder of http: //www.fabrikam.com by using t he following XAML fragment.
< xml version="1.0" encoding="utf8" >
<accesspolicy>
<crossdomainaccess>
<policy>
<allowfrom httprequestheaders="SOAPAction">
<domain uri="*"/>
</allowfrom>
<grantto>
<resource path="/BusinessService.svc" includesubpaths="true"/>
</grantto>
</policy>
</crossdomainaccess>
</accesspolicy>
B. Publish a clientaccesspolicy.xml file at the root folder of http: //www.fabrikam.com by using t he following
XAML fragment.
< xml version="1.0" encoding="utf8" >
<accesspolicy>
<crossdomainaccess>
<policy>
<allowfrom httprequestheaders="SOAPAction">

<domain uri="http: //contoso.com"/>
</allowfrom>
<grantto>
<resource path="/" includesubpaths="true"/>
</grantto>
</policy>
</crossdomainaccess>
</accesspolicy>
C. Publish a clientaccesspolicy.xml file at the root folder of http: //www.contoso.com by using th e following
XAML fragment.
< xml version="1.0" encoding="utf8" >
<accesspolicy>
<crossdomainaccess>
<policy>
<allowfrom httprequestheaders="SOAPAction">
<domain uri="http: //www.fabrikam.com"/>
</allowfrom>
<grantto>
<resource path="/" includesubpaths="true"/>
</grantto>
</policy>
</crossdomainaccess>
</accesspolicy>
D. Publish a clientaccesspolicy.xml file at the root folder of http: //www.contoso.com by using th e following
XAML fragment.
< xml version="1.0" encoding="utf8" >
<accesspolicy>
<crossdomainaccess>
<policy>
<allowfrom httprequestheaders="SOAPAction">
<domain uri="*"/>
</allowfrom>
<grantto>
<resource path="/BusinessService.svc" includesubpaths="true"/>
</grantto>
</policy>
</crossdomainaccess>
</accesspolicy>

Answer: B

Question: 149

You have a Silverlight application that connects to a Windows Communication Foundation (WCF) service. The WCF service is not hosted on the originating domain. When you call the WCF service, you receive the following error: "Page Not Found."You need to resolve the error. What should you do?

A. Place a clientaccesspolicy.xml file in the root folder of the WCF service.
B. Place a clientaccesspolicy.xml file in the root folder of the Web host of Silverlight.

C. Place a clientaccesspolicy.xml file in the ClientBin folder of the Web host of Silverlight.
D. Embed a clientaccesspolicy.xml as a resource in the XAP file of the Silverlightapplication.

Answer: A

Question: 150

You are developing a Silverlight 4 application. You host the application by using a Web application available at http://www.contoso.com.
The Web application contains multiple Windows Communication Foundation (WCF) services hosted at http://www.contoso.com/internal and
http://www.contoso.com/external. You need to ensure that only your
Silverlight application can access the services at
http://www.contoso.com/internal.
You a ls o need t o e nsure t hat other S i lverlight applications created by e x ternal vendors can a cc ess th e services a t h ttp://www.contoso.com/external.
What should you do?

A. Publish a clientaccesspolicy.xml file at the root folder of http: //www.contoso.com by using th e following XAML fragment.
< xml version="1.0" encoding="utf8" >
<accesspolicy>
<crossdomainaccess>
<policy>
<allowfrom httprequestheaders="SOAPAction">
<domain uri="http: //www.contoso.com/external"/>
</allowfrom>
<grantto>
<resource path="/ " includesubpaths="true"/>
</grantto>
</policy>
</crossdomainaccess>
</accesspolicy>
B. Publish a clientaccesspolicy.xml file at the root folder of http: //www.contoso.com by using th e following XAML fragment.
< xml version="1.0" encoding="utf8" >
<accesspolicy>
<crossdomainaccess>
<policy>
<allowfrom httprequestheaders="SOAPAction">
<domain uri="http: //www.contoso.com"/>
</allowfrom>
<grantto>
<resource path="/external " includesubpaths="true"/>
</grantto>
</policy>
</crossdomainaccess>
</accesspolicy>
C. Publish a clientaccesspolicy.xml file at the root folder of http:
//www.contoso.com/external by using the following XAML fragment.
< xml version="1.0" encoding="utf8" >

<accesspolicy>
<crossdomainaccess>
<policy>
<allowfrom httprequestheaders="SOAPAction">
<domain uri="*"/>
</allowfrom>
<grantto>
<resource path="/ " includesubpaths="true"/>
</grantto>
</policy>
</crossdomainaccess>
</accesspolicy>
D. Publish a clientaccesspolicy.xml file at the root folder of http: //www.contoso.com by using th e following XAML fragment.
< xml version="1.0" encoding="utf8" >
<accesspolicy>
<crossdomainaccess>
<policy>
<allowfrom httprequestheaders="SOAPAction">
<domain uri="*"/>
</allowfrom>
<grantto>
<resource path="/external" includesubpaths="true"/>
</grantto>
</policy>
</crossdomainaccess>
</accesspolicy>

Answer: D

Question: 151

You are developing a trusted application by using Silverlight 4. The application will upload images to a server. You need to provide a user with two ways to select an image file from the C:\Temp folder on the client computer. Which two actions should you perform? (Each correct answer presents a complete solution. Choose two.)

A. Use the OpenFileDialog class.
B. Use the Clipboard class to allow the copy-and-paste functionality on the images.
C. Use the Rectangle control as a dropzone and set the AllowDrop property of the control to true.
D. Use the Environment.GetFolderPath and Environment.SpecialFolder methods to access a file specified by the user.

Answer: AD

Question: 152

You are developing a Silverlight 4 application.
You need to create an implicit style for a ComboBox that specifies the following settings:
FontFamily = Verdana
Foreground = Green
Which XAML fragment should you use?

A. <Style
TargetType="ComboBox">
<Setter Property="FontFamily" Value="Verdana" />
<Setter Property="Foreground" Value="Green" /></Style>
B. <Style
x:Key="StandardComboBox"
TargetType="ComboBox">
<Setter Property="FontFamily" Value="Verdana" />
<Setter Property="Foreground" Value="Green" />
</Style>
C. <Style
x:Name="StandardComboBox">
<Setter Property="FontFamily" Value="Verdana" />
<Setter Property="Foreground" Value="Green" />
</Style>
D. <Style>
<Setter Property="FontFamily" Value="Verdana" />
<Setter Property="Foreground" Value="Green" />
</Style>

Answer: A

Question: 153

You are developing a multilingual Web site by using Silverlight 4 and Microsoft Visual Studio 2010. The user interface controls are defined in a stack panel. You need to configure the stack panel control to display bidirectional languages. Which property should you set on the stack panel?

A. FlowDirection to RightToLeft
B. HorizontalAlignment to Left
C. HorizontalAlignment to Right
D. Orientation to Horizontal
E. UseLayoutRounding to True

Answer: B

Question: 154

You are developing an application by using Silverlight 4 and Microsoft .NET Framework 4.
The application contains the following XAML fragment. (Line numbers are included for reference only.)

```
01 <Grid x:Name="LayoutRoot" Background="White">
02   <Grid.Resources>
03     <vm:Customers x:Key="CustomerVM"/>
04     <vm:MockCustomers x:Key="MockCustomerVM"/>
05   </Grid.Resources>
06   <sdk:DataGrid AutoGenerateColumns="True"
07    ItemsSource="{Binding CustomerList}" />
08 </Grid>
```

You need to bind the DataGrid to the CustomerList property in MockCustomerVM at design time. You also need to

bind the DataGrid to the CustomerList property in CustomerVM at run time.
Which XAML fragment should you insert between lines 06 and 07?

A. d:DataContext="{StaticResource MockCustomerVM}" DataContext="{StaticResource CustomerVM}"
B. DataContext="{StaticResource MockCustomerVM}" d:DataContext="{StaticResource CustomerVM}"
C. DataContext="{StaticResource MockCustomerVM}" ItemsControl.ItemsSource="{StaticResource CustomerVM}"
D. d:DataContext="{StaticResource MockCustomerVM}" ItemsControl.ItemsSource="{StaticResource CustomerVM}"

Answer: C

Question: 155

You are developing a Silverlight 4 application. You have a resource dictionary contained in a file named myDictionary.XAML that is embedded in a separate assembly named myResources.dll. The App.XAML file contains the following XAML fragment. (Line numbers are included for reference only.) 01 <Application.Resources>
02 <ResourceDictionary Source="Assets/Styles.xaml"/>
03 </Application.Resources>
You need to add the myDictionary.XAML file to the resource dictionaries in the application.
Which XAML fragment should you use to replace line 02?

A. <ResourceDictionary>
<ResourceDictionary.MergedDictionaries>
<ResourceDictionary Source="Assets/Styles.xaml"/>
<ResourceDictionary Source="myResources/myDictionary.xaml"/>
</ResourceDictionary.MergedDictionaries>
</ResourceDictionary>
B. <ResourceDictionary>
<ResourceDictionary.MergedDictionaries>
<ResourceDictionary Source="Assets/Styles.xaml"/>
<ResourceDictionarySource="/myResources;component/myDictionary.xaml"/>
</ResourceDictionary.MergedDictionaries>
</ResourceDictionary>
C. <ResourceDictionary>
<ResourceDictionary.MergedDictionaries>
<ResourceDictionary Source="Assets/Styles.xaml"/>
<ResourceDictionary Source="/myDictionary;component/myResources"/>
</ResourceDictionary.MergedDictionaries>
</ResourceDictionary>
D. <ResourceDictionary>
<ResourceDictionary.MergedDictionaries>
<ResourceDictionary Source="Assets/Styles.xaml"/>
<ResourceDictionary Source="Assets/myDictionary.xaml"/> </ResourceDictionary.MergedDictionaries>
</ResourceDictionary>

Answer: A

Question: 156

You are developing a Silverlight 4 application. The application contains a control that allows users to select user profile options. You need to define a set of controls that allows users to select between the following background colors:

White
Gray
You also need to define a set of controls that allows users to select between the following default window sizes:
900 x 700
700 x 500
Which XAML fragment should you use?

A. <RadioButton x:Name="White" Content="White" />
<RadioButton x:Name="Gray" Content="Gray" />
<RadioButton x:Name="_900x700" Content="900 x 700" />
<RadioButton x:Name="_700x500" Content="700 x 500" />
B. <RadioButton x:Name="White" GroupName="Backgrounds" Content="White"/> <RadioButton x:Name="Gray" GroupName="Backgrounds" Content="Gray" /> <RadioButton x:Name="_900x700" GroupName="WindowSizes" Content="900x 700" />
<RadioButton x:Name="_700x500" GroupName="WindowSizes" Content="700 x 500"/>
C. <RadioButton x:Name="White" Content="White" />
<RadioButton x:Name="Gray" Content="Gray" />
<Line Stroke="Black" StrokeThickness="4"/>
<RadioButton x:Name="_900x700" Content="900 x 700" />
<RadioButton x:Name="_700x500" Content="700 x 500" />
D. <RadioButton x:Name="White" GroupName="ProfileSettings" Content="White" /> <RadioButton x:Name="Gray" GroupName="ProfileSettings" Content="Gray" /> <Line Stroke="Black" StrokeThickness="4"/><RadioButton x:Name="_900x700" GroupName="ProfileSettings" Content="900 x 700" />
<RadioButton x:Name="_700x500" GroupName="ProfileSettings" Content="700 x 500" />

Answer: B

Question: 157

You are developing a Silverlight 4 application. You need to add a MediaElement control that handles when the media has finished playing. Which XAML fragment should you use?

A. <MediaElement x:Name="MediaElement1" AutoPlay="True" MediaEnded="MediaElement1_MediaEnded"/>
B. <MediaElement x:Name="MediaElement1" AutoPlay="True" MediaOpened="MediaElement1_MediaOpened"/>
C. <MediaElement x:Name="MediaElement1" AutoPlay="True" MarkerReached="MediaElement1_MarkerReached"/>
D. <MediaElement x:Name="MediaElement1" AutoPlay="True" CurrentStateChanged="MediaElement1_CurrentStateChanged" />

Answer: A

Question: 158

You have a Silverlight application that connects to a Windows Communication Foundation (WCF) service. The WCF service is not hosted on the originating domain. When you call the WCF service, you receive the following error: "Page Not Found." You need to resolve the error. What should you do first?

A. Place a clientaccesspolicy.xml file in the root folder of the Web host of the WCF service.
B. Place a clientaccesspolicy.xml file in the root folder of the Web host of Silverlight.
C. Place a clientaccesspolicy.xml file in the ClientBin folder of the Web host of Silverlight.

D. Embed a clientaccesspolicy.xml as a resource in the XAP file of the Silverlight application.

Answer: B

Question: 159

You are developing a Silverlight 4 application. You host the application by using a Web application available at http://www.contoso.com. The Web application contains multiple Windows Communication Foundation (WCF) services hosted at http://www.contoso.com/internal and http://www.contoso.com/external. You need to ensure that only your Silverlight application can access the services at http://www.contoso.com/internal. You also need to ensure that other Silverlight applications created by external vendors can access the services at http://www.contoso.com/external. What should you do?

A. Publish a clientaccesspolicy.xml file at the root folder of http: //www.contoso.com by using the following XML fragment.

```
<?xml version="1.0" encoding="utf-8"?>
<access-policy>
  <cross-domain-access>
    <policy>
      <allow-from http-request-headers="SOAPAction">
        <domain uri="http: //www.contoso.com/external"/>
          </allow-from>
          <grant-to>
         <resource path="/ " include-subpaths="true"/>
      </grant-to>
    </policy>
  </cross-domain-access>
</access-policy>
```

B. Publish a clientaccesspolicy.xml file at the root folder of http: //www.contoso.com by using the following XML fragment.

```
<?xml version="1.0" encoding="utf-8"?>
  <access-policy>
      <cross-domain-access>
        <policy>
          <allow-from http-request-headers="SOAPAction">
            <domain uri="http: //www.contoso.com"/>
              </allow-from>
              <grant-to>
            <resource path="/external " include-subpaths="true"/>
          </grant-to>
        </policy>
      </cross-domain-access>
    </access-policy>
```

C. Publish a clientaccesspolicy.xml file at the root folder of http: //www.contoso.com/external by using the following XML fragment.

```
<?xml version="1.0" encoding="utf-8"?>
  <access-policy>
    <cross-domain-access>
      <policy>
        <allow-from http-request-headers="SOAPAction">
```

```
<domain uri="*"/>
</allow-from>
<grant-to>
<resource path="/ " include-subpaths="true"/>
</grant-to>
</policy>
</cross-domain-access>
</access-policy>
```

D. Publish a clientaccesspolicy.xml file at the root folder of http: //www.contoso.com by using the following XML fragment.

```
<?xml version="1.0" encoding="utf-8"?>
<access-policy> <cross-domain-access>
<policy>
<allow-from http-request-headers="SOAPAction">
<domain uri="*"/>
</allow-from>
<grant-to>
<resource path="/external" include-subpaths="true"/>
</grant-to>
</policy>
</cross-domain-access>
</access-policy>
```

Answer: A

Question: 160

You are developing a Silverlight 4 application. The application contains an XAML page that defines the following Grid control.

```
<Grid Name="gridBody" >
<Grid.RowDefinitions>
<RowDefinition />
<RowDefinition />
</Grid.RowDefinitions>
<TextBlock Text="Employee Info" />
<TextBlock Text="Please enter employee info" Grid.Row="1" Height="20" VerticalAlignment="Top" />
<TextBox x:Name="EmpInfo" Grid.Row="1" Margin="0,25,0,0" TextWrapping="Wrap" />
...
</Grid>
```

The code-behind file for myPage.xaml contains the following code segment. (Line numbers are included for reference only.)

```
01 Public Sub New()
02 InitializeComponent()
03
04 Dim control As UserControl = New MyCustomControl()
05
06 End Sub
```

You need to replace the contents of the second row of gridBody with a user control of the MyCustomControl type. Which code segment should you insert at line 05?

A. gridBody.Children.Insert(1, control)
B.gridBody.RowDefinitions.Remove(gridBody.RowDefinitions(1))
gridBody.Children.Insert(1, control)
C. gridBody.RowDefinitions.Remove(gridBody.RowDefinitions(1))
gridBody.Children.Insert(1, control)
gridBody.Children.Clear()Grid.SetRow(control, 1)
gridBody.Children.Add(control)
D. gridBody.RowDefinitions.Remove(
gridBody.RowDefinitions(1))
gridBody.Children.Insert(1, control)
gridBody.Children.Clear()Grid.SetRow(control, 1)
gridBody.Children.Add(control)

Answer: D

Question: 162

You are developing an out-of-browser application by using Silverlight 4. The application contains the following code segment. (Line numbers are included for reference only.)

```
01  Public Class App Inherits Application
02
03    Public Sub New()
04      AddHandler Me.Startup, AddressOf Me.Application_Startup
05      InitializeComponent
06    End Sub
07
08    Private Sub Application_Startup(ByVal sender As Object, ByVal e As  StartupEventArgs)
09      Me.RootVisual = New MainPage
10
11    End Sub
12  End Class
```

You need to ensure that when a new version of the application is available, it is automatically installed and the user is notified.
Which code segment should you insert at line 10?

A. If Me.Install() Then
MessageBox.Show("Newer version is installed. Please restart the application")
End If
B. AddHandler Me.InstallStateChanged, Sub(s, args)
If Me.InstallState = InstallState.Installed Then
MessageBox.Show("Newer version is installed. Please restart the application")
End If
End Sub
Me.Install()
C. AddHandler Me.CheckAndDownloadUpdateCompleted, Sub(s, args)
If args.UpdateAvailable Then
MessageBox.Show("Newer version is installed. Please restart the application")
End If
End Sub
Me.CheckAndDownloadUpdateAsync()
D. AddHandler Me.CheckAndDownloadUpdateCompleted, Sub(s, args)

```
If Me.IsRunningOutOfBrowser Then
MessageBox.Show("Newer version is installed. Please restart the application")
End If
End Sub
Me.CheckAndDownloadUpdateAsync()
```

Answer: C

Question: 163

You are developing a Silverlight 4 application that is hosted in a Web application. The Web application has a file named LoadScreen.xaml that contains the following XAML fragment.

```
<Grid xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"
xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml" Background="WhiteSmoke" Width="437" Height="43">
<TextBlock Name="PrgLoader" FontSize="24" FontWeight="ExtraBold" TextAlignment="Center" />
  </Grid>
```

The Web application also has a Web page named default.aspx that has the following HTML markup. (Line numbers are included for reference only.)

```
01 <html xmlns="http://www.w3.org/1999/xhtml" >
02 <head>
03   <script type="text/javascript">
04
05   </script>
06 </head>
07 <body>
08 <object data="data:application/x-silverlight-2," type="application/x-silverlight-2" width="100%" height="100%">
09   <param name="source" value="ClientBin/MyApp.xap"/>
10
11 </object>
12 </body>
13 </html>
```

You need to ensure that LoadScreen.xaml is displayed instead of the default Silverlight application-loading screen. You also need to ensure that the PrgLoader TextBlock displays the progress percentage of loading the Silverlight application.

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

A. Insert the following code fragment at line 04.

```
function UpdateProgress(sender, args) {          document.getElementById("PrgLoader").nodeValue =
  Math.round((args.progress * 1000)) / 10 + "%";}
```

B. Insert the following code fragment at line 04.

```
function UpdateProgress(sender, args) {
 sender.findName("PrgLoader").Text =
   Math.round((args.progress * 1000)) / 10 + "%";}
```

C. Insert the following HTML markup at line 10.

```
<param name="splashScreenSource" value="LoadScreen.xaml" />
<param name="onSourceDownloadProgressChanged" value="UpdateProgress" />
```

D. Insert the following HTML markup at line 10.

```
<param name="splashScreenSource" value="LoadScreen.xaml" />
<param name="onSourceDownloadComplete" value="UpdateProgress" />
```

E. Insert the following HTML markup at line 10.

```
<param name="splashScreenSource" value="LoadScreen.xaml" />
```

<param name="onLoad" value="UpdateProgress" />

Answer: A

Question: 164

You are developing a Silverlight 4 application. You need to create an implicit style for a ComboBox that specifies the following settings: FontFamily = Verdana Foreground = Green Which XAML fragment should you use?

A. <Style
TargetType="ComboBox">
<Setter Property="FontFamily" Value="Verdana" />
<Setter Property="Foreground" Value="Green" />
</Style>
B. <Style
x:Key="StandardComboBox"
TargetType="ComboBox">
<Setter Property="FontFamily" Value="Verdana" />
<Setter Property="Foreground" Value="Green" />
</Style>
C. <Style
x:Name="StandardComboBox">
<Setter Property="FontFamily" Value="Verdana" />
<Setter Property="Foreground" Value="Green" />
</Style>
D. <Style>
<Setter Property="FontFamily" Value="Verdana" />
<Setter Property="Foreground" Value="Green" />
</Style>

Answer: A

Question: 165

You are developing a Silverlight 4 application. You define two VisualStates named Fail and Pass for a custom control. You need to ensure that the transition from the Fail state to the Pass state takes two seconds. Which XAML fragment should you use?

A. <VisualTransition
From="Fail"
To="Pass"
GeneratedDuration="0:0:2" />
B. <VisualTransition
From="Fail" />
<VisualTransition
To="Pass" />
<VisualTransition
GeneratedDuration="0:0:2" />
C. <VisualTransition
From="Fail"

To="Pass" />
<VisualTransition
GeneratedDuration="0:0:2" />

D. <VisualTransition
From="Pass"
GeneratedDuration="0:0:2" />
<VisualTransition To="Fail"
GeneratedDuration="0:0:2" />

Answer: A