

## Unabridged Pass4sure Microsoft 70-511 PDF Dumps Free Download (101-110)

QUESTION 101 You develop a Windows Presentation Foundation (WPF) application. This application is used to output data trends to customer service representatives. You use threading to keep the UI responsive. You have a function named UpdateUI that updates all of the UI components. You use the following code to update the `_Data` variable. (Line numbers included for reference only.)

```
01 private string _Data;
02 private void UpdateData(object arg)
03 {
04     double data = UpdateTrendData();
05     _Data = data.ToString();
06
07 }
```

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You need to update the user interface without knowing if you are on the UI thread. Which code segment should you insert at line 06?

A. `this.Dispatcher.VerifyAccess(); var function = new Action(UpdateUI); this.Dispatcher.BeginInvoke(function, null);`  
B. `if (this.Dispatcher.CheckAccess()) { var function = new Action(UpdateUI); this.Dispatcher.BeginInvoke(function, null); } else { UpdateUI(); }`  
C. `UpdateUI();`  
D. `if (this.Dispatcher.CheckAccess()) UpdateUI();`  
else { var function = new Action(UpdateUI); this.Dispatcher.BeginInvoke(function, null); }

QUESTION 102 You are developing a Windows Presentation Foundation (WPF) application. A custom control has a dependency property that is bound to a property of type `Int16` on a business layer object. You need to ensure that the bound value always falls within the range of an `Int16` value, even if the value that the user enters does not. What should you do?

A. Within the Dependency property's metadata, specify a callback for validation.  
B. Register the property type of the Dependency property as `Int16`.  
C. Specify code in the common language runtime (CLR) wrapper to adjust the value if it falls outside the range of an `Int16` value.  
D. Within the Dependency property's metadata, specify a callback for coercion.

QUESTION 103 You are developing a Windows Presentation Foundation (WPF) application. A user control responds to a click event. The click event handler sets the `Handled` property to true. You need to ensure that a parent control responds to the event after the user control's handler executes. What should you do?

A. Programmatically add an event handler to the parent control and set the `HandledEventsToo` property to true.  
B. Add a tunneling routed event handler to the parent control.  
C. Add a bubbling routed event handler to the parent control.  
D. Programmatically add an event handler to the parent control and set the `HandledEventsToo` property to false.

QUESTION 104 You are developing a Windows Presentation Foundation (WPF) application. A `UserControl` named `userControl1` contains the following controls: `<StackPanel> <Label Name="Label1" Content="Hello Exam!!!" /> </StackPanel>` You need to ensure that the content of the label displays "New Content!!!" programmatically from the code-behind of the application window that contains the `UserControl`. Which code segment should you use?

A. `var label = userControl1.FindName("label1") as Label; label.Content = "New Content!!!";`  
B. `userControl1.Content = "New Content!!!";`  
C. `var label = userControl1.FindResource("label1") as Label; label.Content = "New Content!!!";`  
D. `DependencyProperty dp = DependencyProperty.Register("label1", typeof(Label), typeof(Window), new PropertyMetadata("New Content!!!")); userControl1.CoerceValue(dp);`

QUESTION 105 You are developing a Windows Presentation Foundation (WPF) application. The application contains the following markup.

```
<Expander x:Name="Products" IsExpanded="True">
  <Expander.Header>
    <ComboBox x:Name="Filter">
      ...
    </ComboBox>
  </Expander.Header>
  ...
</Expander>
```

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You need to ensure that the Filter combo box is hidden when the expander is collapsed. What should you do?

A. Add the following `DataTrigger` element to the `Expander` control: `<DataTrigger Binding="{Binding ElementName=Filter, Path=Visibility}" Value="Collapsed"> <Setter Property="Expander.IsExpanded" Value="False" /> </DataTrigger>`  
B. Add the following `DataTrigger` element to the `ComboBox` control: `DataTrigger Binding="{Binding ElementName=Products, Path=IsExpanded}" Value="False"> <Setter Property="UIElement.Visibility"`

Value="Collapsed"/> </DataTrigger> C.&#160;&#160;&#160; Add the following DataTrigger element to the ComboBox control. <DataTrigger Binding= "{Binding ElementName=Products, Path=Visibility}" Value="Collapsed"> <Setter Property="Expander.IsExpanded" Value="False"/> </DataTrigger> D.&#160;&#160;&#160; Add the following DataTrigger element to the Expander control. <DataTrigger Binding="{Binding ElementName=Filter, Path=IsExpanded}" Value="False"> <Setter Property="UIElement.Visibility" Value="Collapsed" /> </DataTrigger> Answer: B QUESTION 106 You are developing a Windows Presentation Foundation (WPF) application. Users can enter formatted percentages into text boxes. The markup is as follows. <TextBox Text="{Binding Path=Percentage, Converter={StaticResource PercentValueConverter}}"/> Percentage is a decimal property. You need to store the percentages as their decimal values, not their display values. Which code segment should you use? A.&#160;&#160;&#160; public object Convert(object value, Type targetType, object parameter, CultureInfo culture) { return ((decimal)value).ToString("P"); } B.&#160;&#160;&#160; public object ConvertBack(object value, Type targetType, object parameter, CultureInfo culture) { return (decimal.Parse(value.ToString()) / 100); } C.&#160;&#160;&#160; public object ConvertBack(object value, Type targetType, object parameter, CultureInfo culture) { return (decimal.Parse(parameter.ToString()) / 100); } D.&#160;&#160;&#160; public object Convert(object value, Type targetType, object parameter, CultureInfo culture) { return ((decimal)parameter).ToString("N"); } Answer: B QUESTION 107 You are developing a Windows Presentation Foundation (WPF) application. The WPF window contains a ListBox control that displays a list of customer names and genders. You add the following markup segment to the application. (Line numbers are included for reference only.)

```

01 <Grid>
02 <ListBox x:Name="lstCustomer">
03 <ListBox.ItemTemplate>
04 <DataTemplate>
05 <StackPanel Orientation="Horizontal">
06 <TextBlock Text="{Binding Path=CustName}"/>
07 <TextBlock Text=", " />
08 <TextBlock Text="{Binding Path=Gender}"/>
09 </StackPanel>
10 </DataTemplate>
11 </ListBox.ItemTemplate>
12 </ListBox>
13 </Grid>

```

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The WPF window renders the list of customers with empty Gender values. You need to convert the null values for Gender to the following string: "Gender Not Specified". Which binding attribute should you add at line 08? A.&#160;&#160;&#160; TargetNullValue='Gender Not Specified' B.&#160;&#160;&#160; FallbackValue='Gender Not Specified'

C.&#160;&#160;&#160; StringFormat='Gender Not Specified' D.&#160;&#160;&#160; Source='Gender Not Specified' Answer: A QUESTION 108 You are developing a Windows Presentation Foundation (WPF) application. You add a TextBox control to the design surface and bind it to an underlying window resource named dsGiftCertificate. The control uses the binding XAML as follows. <Binding Source="{StaticResource dsGiftCertificate}" UpdateSourceTrigger="LostFocus" Path="Coupon" /> You need to provide a custom error message in the tooltip of the TextBox when the user leaves the textbox. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.) A.&#160;&#160;&#160; Implement the INotifyPropertyChanged interface. Use the indexer for the custom validation and error message. B.&#160;&#160;&#160; Update the binding source as follows. <Binding Source="{StaticResource dsGiftCertificate}" UpdateSourceTrigger="LostFocus" Path="Coupon" ValidatesOnDataErrors="True" /> C.&#160;&#160;&#160; Implement the IDataErrorInfo interface. Use the indexer for the custom validation and error message. D.&#160;&#160;&#160; Update the binding source as follows. <Binding Source="{StaticResource dsGiftCertificate}" UpdateSourceTrigger="Explicit" Path="Coupon" ValidatesOnDataErrors="True" /> Answer: BC QUESTION 109 You are developing a Windows Presentation Foundation (WPF) application. You have a class named Orders, which contains OrderId and ShipOn properties. You place a control in the MainWindow.xaml file, as follows. (Line numbers are included for reference only.)

```

01 <ComboBox x:Name="cmbOrders"
02 <ItemsControl.ItemsPanel>
03 <ItemsPanelTemplate>
04 <Grid>

```

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When you run the application, the ComboBox control displays the class name for every row. You need to ensure that the ComboBox control displays the OrderId and ShipOn values in columns. Which markup segment should you add at line 03? A.&#160;&#160;&#160; <ItemsControl.ItemsPanel> <ItemsPanelTemplate> <Grid> <Grid.ColumnDefinitions> <ColumnDefinition /> <ColumnDefinition /> </Grid.ColumnDefinitions> <TextBlock Grid.Column="0" Text="{Binding

ShipOn}"/> <TextBlock Grid.Column"0" Text="{Binding OrderId}"/> </Grid> </ItemsPanelTemplate>  
</ItemsControl.ItemsPanel> B.&#160;&#160;&#160;<ItemsControl.ItemTemplate> <DataTemplate> <Grid> <TextBlock  
Text="{Binding OrderId}"/> <TextBlock Text="{Binding ShipOn}"/> </Grid> </DataTemplate>  
</ItemsControl.ItemTemplate C.&#160;&#160;&#160;<ItemsControl.ItemTemplate> <DataTemplate> <Grid>  
<Grid.ColumnDefinitions> <ColumnDefinition /> <ColumnDefinicion /> </Grid.ColumnDefinitions> <TextBlock  
Grid.Coxumn"0" Text="{Binding OrderId}"/> <TextBlock Grid.Coxumn"1" Text="{Binding ShipOn}"/> </Grid>  
</DataTemplate> </ItemsControl.ItemTemplate> D.&#160;&#160;&#160;<ItemsControl.ItemsPanel>  
<ItemsPanelTemplate> <Grid> <TextBlock Text ="{Binding OrderId}/> <TextBlock Text ="{Binding ShipOn}/> </Grid>  
</ItemsPanelTemplate> </ItemsControl.ItemPanel> Answer: C QUESTION 110 You are developing a Windows Presentation  
Foundation (WPF) application. The application consists of: - A window that contains controls organized into groups. - roups  
that are ordered vertically and that have individual headings. - Controls within the groups that are ordered horizontally. -  
Groups and controls that will be added dynamically at run time. You need to ensure that the application meets the following  
requirements: The window must be resizable without affecting the layout of the controls. The controls within the groups must be  
laid out such that there is a minimum amount of spacing between groups. What should you do? A.&#160;&#160;&#160; Use a  
Grid control with its VerticalAlignment property set to Stretch to organize the groups and specify the row definitions. Use Grid  
controls to organize the controls and specify the column definitions. B.&#160;&#160;&#160; Use a WrapPanel control to organize  
the groups with its Orientation property set to Vertical. Use WrapPanel controls to organize the controls with their Orientation  
property set to Horizontal. C.&#160;&#160;&#160; Use a ListBox control to organize the groups. Use Canvas controls to  
organize the controls. D.&#160;&#160;&#160; use a StackPanel control to organize the groups with its Orientation property set to  
Vertical. Use StackPanel controls to organize the controls with their Orientation property set to Horizontal. Answer: D  
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