

Microsoft 70-562

**TS: Microsoft .NET Framework 3.5, ASP.NET
Application Development
Version: 34.0**

Topic 1, C#**QUESTION NO: 1**

You create a Microsoft ASP.NET application by using the Microsoft .NET Framework version 3.5.

You add a TextBox control named TextBox1.

You write the following code segment for validation.

```
protected void CustomValidator1_ServerValidate(
object source, ServerValidateEventArgs args) {
DateTime dt = String.IsNullOrEmpty(args.Value) ?
DateTime.Now : Convert.ToDateTime(args.Value);
args.IsValid = (DateTime.Now - dt).Days < 10;
}
```

You need to validate the value of TextBox1.

Which code fragment should you add to the Web page?

- A.** <asp:CustomValidator ID="CustomValidator1" runat="server" ControlToValidate="TextBox1" onservvalidate="CustomValidator1_ServerValidate">
</asp:CustomValidator>
<asp:RequiredFieldValidator ID="RequiredFieldValidator1" runat="server" ControlToValidate="TextBox1" EnableClientScript="false" InitialValue="<%= DateTime.Now; %>" >
</asp:RequiredFieldValidator>
- B.** <asp:CustomValidator ID="CustomValidator1" runat="server" ControlToValidate="TextBox1" ValidateEmptyText="True" onservvalidate="CustomValidator1_ServerValidate">
</asp:CustomValidator>
<asp:CompareValidator ID="CompareValidator1" runat="server" Type="Date" EnableClientScript="true"

```
ControlToValidate="TextBox1"
ValueToCompare="<%= DateTime.Now; %>">
</asp:CompareValidator>
C. <asp:CustomValidator ID="CustomValidator1" runat="server"
ControlToValidate="TextBox1"
ValidateEmptyText="True"
onservvalidate="CustomValidator1_ServerValidate">
</asp:CustomValidator>
<asp:RequiredFieldValidator
ID="RequiredFieldValidator1" runat="server"
ControlToValidate="TextBox1"
InitialValue="<%= DateTime.Now; %>" >
</asp:RequiredFieldValidator>
D. <asp:CustomValidator ID="CustomValidator1" runat="server"
ControlToValidate="TextBox1"
ValidateEmptyText="True"
onservvalidate="CustomValidator1_ServerValidate">
</asp:CustomValidator>
<asp:CompareValidator ID="CompareValidator1"
runat="server" Type="Date" EnableClientScript="true"
ControlToValidate="TextBox1" Operator="DataTypeCheck" >
</asp:CompareValidator>
```

Answer: B

Explanation:

QUESTION NO: 2

You create a Microsoft ASP.NET application by using the Microsoft .NET Framework version 3.5.

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

```
01 <asp:RequiredFieldValidator
02 ID="rfValidator1" runat="server"
03 Display="Dynamic" ControlToValidate="TextBox1"
04
05 >
06
```

```
07 </asp:RequiredFieldValidator>
```

```
08
```

```
09 <asp:ValidationSummary DisplayMode="List"
```

```
10 ID="ValidationSummary1" runat="server" />
```

You need to ensure that the error message displayed in the validation control is also displayed in the validation summary list.

What should you do?

A. Add the following code segment to line 06.

Required text in TextBox1

B. Add the following code segment to line 04.

Text="Required text in TextBox1"

C. Add the following code segment to line 04.

ErrorMessage="Required text in TextBox1"

D. Add the following code segment to line 04.

Text="Required text in TextBox1" ErrorMessage="ValidationSummary1"

Answer: C

Explanation:

QUESTION NO: 3

You create a Microsoft ASP.NET application by using the Microsoft .NET Framework version 3.5.

You write the following code fragment.

```
<asp:DropDownList AutoPostBack="true"
```

```
?ID="DropDownList1" runat="server"
```

```
?onselectedindexchanged=
```

```
? "DropDownList1_SelectedIndexChanged">
```

```
<asp:ListItem>1</asp:ListItem>
```

```
<asp:ListItem>2</asp:ListItem>
```

```
<asp:ListItem>3</asp:ListItem>
```

```
</asp:DropDownList>
```

You also add a MultiView control named MultiView1 to the Web page. MultiView1 has three child View controls.

You need to ensure that you can select the View controls by using the DropDownList1 DropDownList control.

Which code segment should you use?

- A.** `int idx = DropDownList1.SelectedIndex;`
`MultiView1.ActiveViewIndex = idx;`
- B.** `int idx = DropDownList1.SelectedIndex;`
`MultiView1.Views[idx].Visible = true;`
- C.** `int idx = int.Parse(DropDownList1.SelectedValue);`
`MultiView1.ActiveViewIndex = idx;`
- D.** `int idx = int.Parse(DropDownList1.SelectedValue);`
`MultiView1.Views[idx].Visible = true;`

Answer: A

Explanation:

QUESTION NO: 4

You create a Microsoft ASP.NET application by using the Microsoft .NET Framework version 3.5.

You create two user controls named UserCtrlA.ascx and UserCtrlB.ascx. The user controls postback to the server.

You create a new Web page that has the following ASPX code.

```
<asp:CheckBox ID="Chk" runat="server"
oncheckedchanged="Chk_CheckedChanged" AutoPostBack="true" />
<asp:Placeholder ID="PIHolder" runat="server"></asp:Placeholder>
```

To dynamically create the user controls, you write the following code segment for the Web page.

```
public void LoadControls()
{
    if (ViewState["CtrlA"] != null)
    {
        Control c;
        if ((bool)ViewState["CtrlA"] == true)
        { c = LoadControl("UserCtrlA.ascx"); }
        else
        { c = LoadControl("UserCtrlB.ascx"); }
        c.ID = "Ctrl";
        PIHolder.Controls.Add(c);
    }
}

protected void Chk_CheckedChanged(object sender, EventArgs e)
{
    ViewState["CtrlA"] = Chk.Checked;
    PIHolder.Controls.Clear();
    LoadControls();
}
```

You need to ensure that the user control that is displayed meets the following requirements:

- It is recreated during postback
- It retains its state.

Which method should you add to the Web page?

A. protected override object SaveViewState()

```
{
    LoadControls();
    return base.SaveViewState();
}
```

B. protected override void Render(HtmlTextWriter writer)

```
{
LoadControls();
base.Render(writer);
}
C. protected override void OnLoadComplete(EventArgs e)
{
base.OnLoadComplete(e);
LoadControls();
}
D. protected override void LoadViewState(object savedState)
{
base.LoadViewState(savedState);
LoadControls();
}
```

Answer: D

Explanation:

QUESTION NO: 5

You create a Microsoft ASP.NET application by using the Microsoft .NET Framework version 3.5.

The application has a Web form file named MovieReviews.aspx.

The MovieReviews.aspx file connects to a LinqDataSource DataSource named LinqDataSource1 that has a primary key named MovieID.

The application has a DetailsView control named DetailsView1.

The MovieReviews.aspx file contains the following code fragment. (Line numbers are included for reference only.)

```
01 <asp:DetailsView ID="DetailsView1" runat="server"
02 DataSourceID="LinqDataSource1"
03
04 />
05 <Fields>
```

```
06 <asp:BoundField DataField="MovieID" HeaderText="MovieID"
07 InsertVisible="False"
08 ReadOnly="True" SortExpression="MovieID" />
09 <asp:BoundField DataField="Title" HeaderText="Title"
10 SortExpression="Title" />
11 <asp:BoundField DataField="Theater" HeaderText="Theater"
12 SortExpression="Theater" />
13 <asp:CommandField ShowDeleteButton="false"
14 ShowEditButton="True" ShowInsertButton="True" />
15 </Fields>
16 </asp:DetailsView>
```

You need to ensure that the users can insert and update content in the DetailsView1 control.

You also need to prevent duplication of the link button controls for the Edit and New operations.

Which code segment should you insert at line 03?

- A. AllowPaging="false"
AutoGenerateRows="false"
- B. AllowPaging="true"
AutoGenerateRows="false"
DataKeyNames="MovieID"
- C. AllowPaging="true"
AutoGenerateDeleteButton="false"
AutoGenerateEditButton="true"
AutoGenerateInsertButton="true"
AutoGenerateRows="false"
- D. AllowPaging="false"
AutoGenerateDeleteButton="false"
AutoGenerateEditButton="true"
AutoGenerateInsertButton="true"
AutoGenerateRows="false"
DataKeyNames="MovieID"

Answer: B

Explanation:

QUESTION NO: 6

You create a Microsoft ASP.NET application by using the Microsoft .NET Framework version 3.5.

You add an XmlDataSource control named XmlDataSource1 to the Web page. XmlDataSource1 is bound to an XML document with the following structure.

```
<?xml version="1.0" encoding="utf-8" ?>

<clients>

  <client ID="1" Name="John Evans" />

  <client ID="2" Name="Mike Miller"/>

  ...

</clients>
```

You also write the following code segment in the code-behind file of the Web page.

```
protected void BulletedList1_Click(
?object sender, BulletedListEventArgs e) {
  //...
}
```

You need to add a BulletedList control named BulletedList1 to the Web page that is bound to XmlDataSource1.

Which code fragment should you use?

- A.** <asp:BulletedList ID="BulletedList1" runat="server" DisplayMode="LinkButton" DataSource="XmlDataSource1" DataTextField="Name" DataValueField="ID" onclick="BulletedList1_Click"></asp:BulletedList>
- B.** <asp:BulletedList ID="BulletedList1" runat="server" DisplayMode="HyperLink" DataSourceID="XmlDataSource1" DataTextField="Name" DataMember="ID" onclick="BulletedList1_Click">

```
</asp:BulletedList>
```

```
C. <asp:BulletedList ID="BulletedList1" runat="server"
DisplayMode="LinkButton" DataSourceID="XmlDataSource1"
DataTextField="Name" DataValueField="ID"
onclick="BulletedList1_Click">
```

```
</asp:BulletedList>
```

```
D. <asp:BulletedList ID="BulletedList1" runat="server"
DisplayMode="HyperLink" DataSourceID="XmlDataSource1"
DataTextField="ID" DataValueField="Name"
onclick="BulletedList1_Click">
```

```
</asp:BulletedList>
```

Answer: C

Explanation:

QUESTION NO: 7

You create a Microsoft ASP.NET application by using the Microsoft .NET Framework version 3.5.

You create the following controls:

- A composite custom control named MyControl.
- A templated custom control named OrderFormData.

You write the following code segment to override the method named CreateChildControls() in the MyControl class. (Line numbers are included for reference only.)

```
01 protected override void
02 CreateChildControls() {
03 Controls.Clear();
04 OrderFormData oFData = new
05 ?OrderFormData("OrderForm");
06
07 }
```

You need to add the OrderFormData control to the MyControl control.

Which code segment should you insert at line 06?