1.   ASP.NET Custom controls are used to _____.

Options:

a) extend the tools available to Web developers

b) encapsulate key aspects of the visual interface and program logic

c) reuse common functionality throughout your application

Answer: a, b, c

2.   Which of the following are the custom controls in ASP.NET?

Options:

a) Web user controls

b) Composite custom controls

c) Rendered custom controls

Answer: a, b, c

3.   Web user controls include _____.

Options:

a) existing server controls

b) HTML controls

c) Web Pages

d) Html Pages

Answer: a, b

Explanation: Web user controls combine existing server and HTML controls by using the Visual Studio .NET Designer to create functional units that encapsulate some aspect of the user interface. User controls reside in content files, which must be included in the project in which the controls are used.

4.   Which of the following are the limitations of user controls in ASP.NET?

Options:

a) A copy of the control must exist in each Web application project in which the control is used.

b) User controls can't be loaded in the Visual Studio .NET Toolbox; instead, you must create them by dragging the control from Solution Explorer to the Web form.

c) User control code is initialized after the Web form loads, which means that user control property values are not updated until after the Web form's Load event.

d) User controls can be reused where you want the same functionality.

Answer: a, b, c

Explanation: As the user controls are not compiled into assemblies, they have these limitations.

5.   File extension of a user control in ASP.NET is _____.

Options:

a) .asp

b) .aspx

c) .ascx

d) .asax

Answer: c

6.   What is the base class from which user controls derive?

Options:

a) System.Web.UI.UserControl

b) System.Web.UI

c) System.Web

d) System.Web.UI.Page

Answer: a

Explanation: User controls derive from System.Web.UI.UserControl base class. This base class provides the base set of properties and methods you use to create the control.