

QUESTION BANK
MODULE NAME: Programming ASP.NET AJAX

Category - Simple

1) Fill in the blank with single option:

AJAX stands for _____.

- ☐ a) Associated JavaScript and XML
- ☐ b) Automated JavaScript and XML
- ☒ c) Asynchronous JavaScript and XML
- ☐ d) Asynchronous Java and XML

2) Visual Studio 2013 has added _____ feature for JavaScript.

- ☐ a) Type safety
- ☐ b) Correction
- ☐ c) Coding
- ☒ d) Debugging

3) _____ creates a callback method to set up a handler for a DOM event that retains a parameter.

- ☐ a) `getBaseType`
- ☒ b) `createCallback`
- ☐ c) `isInstanceOfType`
- ☐ d) `registerClass`

- 4) The _____ control is the heart of an AJAX-enabled Web page.
- ☒ a) ScriptManager
 - ☐ b) CheckBox
 - ☐ c) Button
 - ☐ d) TextBox
- 5) The _____ property of TextBox control specifies the minimum number of characters required in the Textbox to get suggestions.
- ☐ a) ServicePath
 - ☐ b) ServiceMethod
 - ☐ c) TargetControlID
 - ☒ d) MinimumPrefixLength

Category - Average

- 1) **Select the correct answers with multiple options:**
Which of the following statements about proxy class are true?
- ☒ a) ASP.NET AJAX runtime generates the PageMethods proxy class that enables JavaScript code to access page methods.
 - ☐ b) The proxy class is generated as a separate script for the page it refers.
 - ☒ c) The proxy class contains a list of all Web methods declared in the page.
 - ☒ d) Each Web method from the proxy class has the same signature as a corresponding Web method from server-side.

2) Select the correct answers with multiple options:

Which of these statements about Traditional Internet applications are true?

- ☒ a) When a user action takes place on a Web page, a HyperText Transfer Protocol (HTTP) request is sent to a Web server.
- ☒ b) The server processes the request and returns a response to the client.
- ☒ c) When the data of a form is sent back to a Web server for processing, it is called a postback.
- ☐ d) In traditional Web-based applications, each user action or request from the user results in short postbacks.

3) Select the correct answer with single option:

Identify the correct syntax to create an array.

- ☐ a) `new Array();`
- ☐ b) `var = new Array();`
- ☐ c) `var object_name = Array();`
- ☒ d) `var object_name = new Array();`

4) Select the correct answer with single option:

Which of the following are features of partial page rendering?

- ☐ a) Declarative Coding
- ☐ b) Integration
- ☐ c) Flicker Reduction

☒ d) All of these

5) Match the following:

Static Function	Description
A) add	1) Loops through the Array object and executes code for each of its elements.
B) clear	2) Returns the index of the specified element of an Array object.
C) indexOf	3) Removes all elements from an Array object.
D) forEach	4) Adds an element to the end of an Array object.

☒ a) A-4, B-3, C-2, D-1

☐ b) A-2, B-1, C-4, D-3

☐ c) A-1, B-2, C-3, D-4

☐ d) A-3, B-2, C-4, D-1

Category – Difficult

1) Select the correct answer with single option:

Identify the correct code to register the assembly, namespace, and tag prefix required to use AJAX Control Toolkit.

☐ a) `<%@ Assembly="AjaxControlToolkit"
Namespace="AjaxControlToolkit" TagPrefix="ajaxToolkit" %>`

☐ b) `<%@ Register Assembly="AjaxControlToolkit"
TagPrefix="ajaxToolkit" %>`

☒ c) `<%@ Register Assembly="AjaxControlToolkit"
Namespace="AjaxControlToolkit" TagPrefix="ajaxToolkit" %>`

☐ d) `<%@ Register Assembly="AjaxControlToolkit"
Namespace="AjaxControlToolkit" %>`

2) Select the correct answer with single option:

Identify the correct code to enable page method.

- ☐ a) `<asp:Script ID="scriptmgr" EnablePageMethods="true" EnablePartialRendering="true" runat="server"/>`
- ☒ b) `<asp:ScriptManager ID="scriptmgr" EnablePageMethods="true" EnablePartialRendering="true" runat="server"/>`
- ☐ c) `<asp:ScriptManager ID="scriptmgr" PageMethods="true" EnablePartialRendering="true" runat="server"/>`
- ☐ d) `<asp:ScriptManager ID="scriptmgr" EnableMethods="true" EnablePartialRendering="true" runat="server"/>`

3) Select the correct answer with single option:

Consider the following partial code:

```
...  
var bool_false = new Boolean();  
var bool_true = new Boolean("Hello");  
document.write(bool_false);  
document.write(bool_true);  
...
```

What will be the output of the code?

- ☐ a) compilation error
- ☐ b) true
false
- ☐ c) runtime error
- ☒ d) false
true

4) Select the correct answers with multiple options:

Which of the following is the correct method for registering a namespace called "Student"?

- ☐ a) `registerNamespace("Student");`

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☒ b) `Type.registerNamespace("Student");`

☐ c) `Type.register("Student");`

☐ d) `Type.Namespace("Student");`

5) Select the correct answers with multiple options:

Efficiency of any Web page is tested based on the following factors?

☒ a) Latency

☒ b) Page load time

☒ c) Page transfer time

☐ d) Display