✘

Points: 0/1

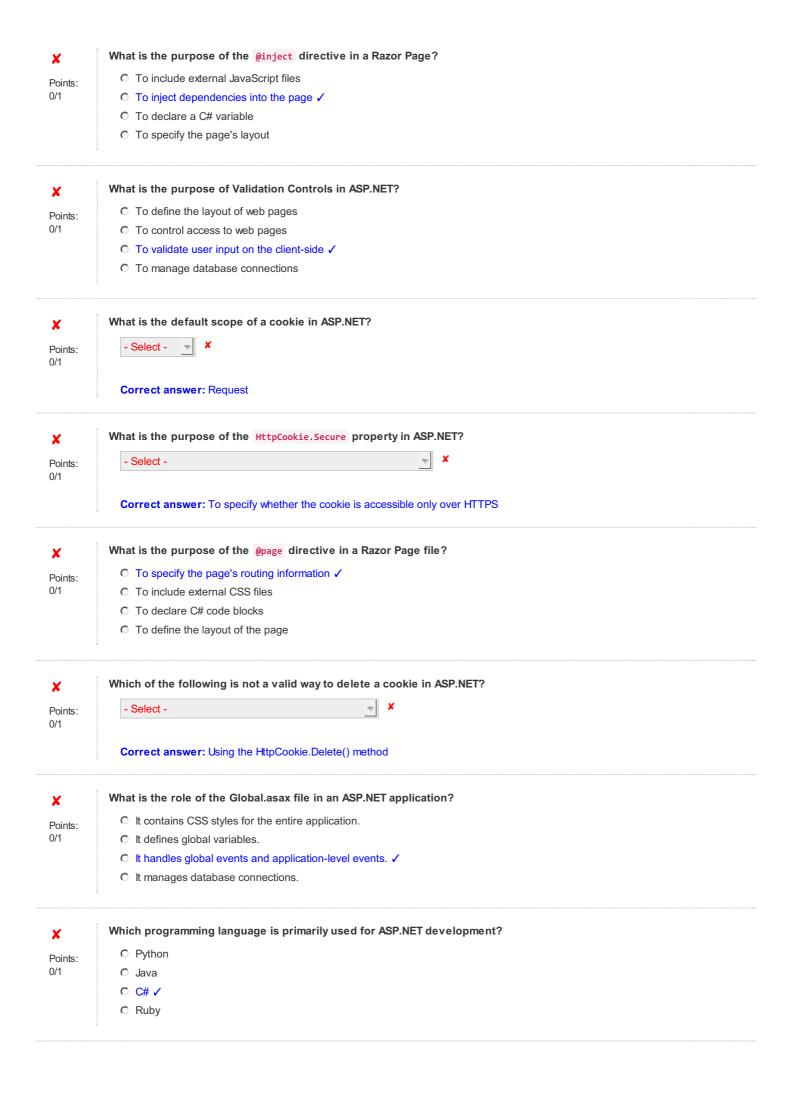**In ASP.NET MVC, which file is responsible for handling incoming requests, processing user input, and returning the appropriate view to the user?**

○ ViewModel.cs

○ Controller.cs ✓

○ Model.cs

○ View.cshtml

✘

Points: 0/1

Which file extension is used for ASP.NET web pages

○ js

○ html

○ php

○ aspx ✓

✘

Points: 0/1

Which property of the `HttpCookie` class is used to set the expiration time of a cookie?

- Select - ▾   ✘

Correct answer: Expires

✘

Points: 0/1

What does the `Session["username"] != null` condition check for in the provided ASP.NET login program?

○ Whether the user's session has expired

○ Whether the user is currently logged in ✓

○ Whether the user's username is not empty

○ Whether the user's password is correct

✘

Points: 0/1

What happens if a client disables cookies in their browser?

- Select - ▾   ✘

Correct answer: ASP.NET will not be able to maintain state between requests

---

✘

Points: 0/1

What happens when a user successfully logs in using the provided ASP.NET login program?

○ The user is redirected to a specific homepage based on their credentials ✓

○ The user's password is encrypted and stored in a cookie

○ The user's username and password are stored in a database

○ The user's session ID is invalidated

✘

Points: 0/1

What is the maximum size of a single cookie that can be stored on the client-side in ASP.NET?

- Select - ▾   ✘

Correct answer: 4 KB

✗

Points:
0/1

What is the missing line of code to set a cookie in ASP.NET?

HttpCookie cookie = new HttpCookie("UserName", "John");
// Missing line
Response.Cookies.Add(cookie);

- ○ cookie.Expires = DateTime.Now.AddHours(1); ✓
- ○ cookie.HttpOnly = true;
- ○ cookie.Path = "/";
- ○ cookie.Secure = true;

✗

Points:
0/1

Which of the following is not a valid event in the Page Lifecycle of an ASP.NET page?

- ○ Page_Start ✓
- ○ Page_Unload
- ○ Page_Load
- ○ Page_Init

✗

Points:
0/1

What is the purpose of the `@section` directive in a Razor Page?

- ○ To include external CSS files
- ○ To define a reusable code block that can be included in multiple pages ✓
- ○ To specify the page's layout
- ○ To declare C# code blocks

✗

Points:
0/1

What is ASP.NET Razor Pages?

- ○ A server-side web development framework ✓
- ○ A markup language for creating web pages
- ○ A client-side JavaScript library
- ○ A database management system

✗

Points:
0/1

What is the missing line of code to check if a cookie exists in ASP.NET?

// Missing line
if (cookie != null)
{
    // Cookie exists, proceed with operations
}

- ○ cookie.Expires = DateTime.Now.AddHours(1);
- ○ cookie.Path = "/";
- ○ HttpCookie cookie = Request.Cookies["UserName"]; ✓
- ○ cookie.Secure = true;

✗

Points: 0/1

What is the missing line of code to delete a cookie in ASP.NET?

HttpCookie cookie = Request.Cookies["UserName"];
// Missing line
Response.Cookies.Add(cookie);

- ○ cookie.Expires = DateTime.Now.AddDays(-1); ✓
- ○ cookie.HttpOnly = true;
- ○ cookie.Path = "/";
- ○ cookie.Secure = true;

✗

Points: 0/1

Which component in MVC is responsible for interacting with the database and managing application data?

- ○ View
- ○ Model ✓
- ○ Controller
- ○ ViewModel

✗

Points: 0/1

What are controls in ASP.NET?

- ○ Visual elements used to design the user interface of web applications ✓
- ○ Server hardware components
- ○ Database management tools
- ○ Code editors for writing C# scripts

✗

Points: 0/1

Which of the following is not a type of control in ASP.NET?

- ○ Web Server Controls
- ○ HTML Controls
- ○ JavaScript Controls ✓
- ○ Validation Controls

✗

Points: 0/1

Which of the following is a potential security risk associated with cookies in ASP.NET?

- Select - ▼ **✗**

Correct answer: Cross-Site Scripting (XSS) attacks

✗

Points: 0/1

What is the purpose of the ViewState in ASP.NET?

- ○ To store session data
- ○ To manage database connections
- ○ To store user credentials
- ○ To maintain state information across postbacks ✓

✗

Points: 0/1

Which of the following is not a valid session state mode in ASP.NET?

- ○ StateServer
- ○ InProc
- ○ SQLServer
- ○ Stateful ✓

✗

Points: 0/1

What is the purpose of the `@inject` **directive in a Razor Page?**

- ○ To include external JavaScript files
- ○ To inject dependencies into the page ✓
- ○ To declare a C# variable
- ○ To specify the page's layout

✗

Points: 0/1

What is the purpose of Validation Controls in ASP.NET?

- ○ To define the layout of web pages
- ○ To control access to web pages
- ○ To validate user input on the client-side ✓
- ○ To manage database connections

✗

Points: 0/1

What is the default scope of a cookie in ASP.NET?

- Select - ▾ **✗**

Correct answer: Request

✗

Points: 0/1

What is the purpose of the `HttpCookie.Secure` **property in ASP.NET?**

- Select - ▾ **✗**

Correct answer: To specify whether the cookie is accessible only over HTTPS

✗

Points: 0/1

What is the purpose of the `@page` **directive in a Razor Page file?**

- ○ To specify the page's routing information ✓
- ○ To include external CSS files
- ○ To declare C# code blocks
- ○ To define the layout of the page

✗

Points: 0/1

Which of the following is not a valid way to delete a cookie in ASP.NET?

- Select - ▾ **✗**

Correct answer: Using the HttpCookie.Delete() method

✗

Points: 0/1

What is the role of the Global.asax file in an ASP.NET application?

- ○ It contains CSS styles for the entire application.
- ○ It defines global variables.
- ○ It handles global events and application-level events. ✓
- ○ It manages database connections.

✗

Points: 0/1

Which programming language is primarily used for ASP.NET development?

- ○ Python
- ○ Java
- ○ C# ✓
- ○ Ruby

✗

Points: 0/1

What is the missing line of code to set a secure flag for a cookie in ASP.NET?

HttpCookie cookie = new HttpCookie("AuthToken", token);
// Missing line
Response.Cookies.Add(cookie);

- ○ cookie.HttpOnly = true;
- ○ cookie.Secure = true; ✓
- ○ cookie.Path = "/";
- ○ cookie.Expires = DateTime.Now.AddHours(1);

✗

Points: 0/1

What is the purpose of the `@model` directive in a Razor Page?

- ○ To declare a C# variable
- ○ To specify the page's layout
- ○ To include external JavaScript files
- ○ To define the data model used by the page ✓

✗

Points: 0/1

What does ASP.NET stand for?

- ○ Active Server Pages .NET ✓
- ○ Active Server Pages Network
- ○ Advanced Software Programming Network
- ○ Application Service Provider Network

✗

Points: 0/1

What is the purpose of the `Response.Redirect()` method in ASP.NET?

- ○ To refresh the current page
- ○ To send a request to another website
- ○ To redirect the user to another web page within the same application ✓
- ○ To close the current browser window

✗

Points: 0/1

Which of the following is true about Razor Pages in terms of code-behind files?

- ○ Razor Pages always have a separate code-behind file
- ○ Razor Pages only use JavaScript for server-side logic.
- ○ Razor Pages embed code-behind directly in the .cshtml file. ✓
- ○ Razor Pages do not support code-behind files.

✗

Points: 0/1

What is a cookie in ASP.NET?

- ○ A server-side control for user authentication
- ○ A temporary storage mechanism for session data
- ○ A file uploaded by users to the server
- ○ A small piece of data stored on the client-side ✓

✗

Points: 0/1

Which namespace is commonly used for ASP.NET server controls?

- ○ System.Web.UI.WebControls ✓
- ○ System.Data.SqlClient
- ○ System.Net.Http
- ○ System.Windows.Forms

✗

Points: 0/1

Which method in a Razor Page is called when the page is requested for the first time?

- ○ OnGet() ✓
- ○ OnInit()
- ○ OnLoad()
- ○ OnPost()

✗

Points: 0/1

What is the purpose of the `Session["username"]` variable in this ASP.NET login program?

- ○ To store the user's username for later use ✓
- ○ To store the user's password securely
- ○ To store the user's session ID
- ○ To check whether the user is logged in or not

✗

Points: 0/1

What file extension is used for Razor Pages in ASP.NET?

- ○ aspx
- ○ razor ✓
- ○ html
- ○ cs

✗

Points: 0/1

Which namespace is used to work with cookies in ASP.NET?

- ○ System.Web.Security
- ○ System.Web.UI
- ○ System.Net
- ○ System.Web.HttpCookie ✓

✗

Points: 0/1

Which event handler is typically used to read cookies when a page is requested in ASP.NET?

- Select - ▾ ✗

Correct answer: Page_Load

✗

Points: 0/1

What does MVC stand for in ASP.NET MVC?

- ○ Multilayered View Control
- ○ Model View Controller ✓
- ○ Multiple View Components
- ○ Model-View-Component

✗

Points: 0/1

Which of the following is not a valid ASP.NET authentication mode?

- ○ Basic
- ○ Windows
- ○ Passport ✓
- ○ Forms

✗

Points: 0/1

Which programming language is primarily used for coding Razor Pages in ASP.NET?

- ○ Python
- ○ Ruby
- ○ C# ✓
- ○ JavaScript

✗

Points:
0/1

Which of the following is a valid ASP.NET control?

○ <input type="text">

○ <label>

○ <span>

○ <asp:Textbox> ✓

✗

Points:
0/1

What is the missing line of code to read a cookie in ASP.NET?

HttpCookie cookie = Request.Cookies["UserName"];
// Missing line

○ cookie.Path = "/";

○ cookie.Secure = true;

○ cookie.Expires = DateTime.Now.AddHours(1);

○ string userName = cookie.Value; ✓