1. **What is a view engine?**

A view engine processes ASP.NET content and looks for instructions, typically to insert dynamic content into the output sent to a browser.

1. **What is Razor?**

Razor is the name of the MVC Framework view engine, which processes the contents of views and generates HTML that is sent to the browser.

1. **What do views do? List two specific things in your answer to this question.**

A view is a standard (X)HTML document that can contain scripts. It handles the application’s data presentation and user interaction.

1. **How does Razor respond when it encounters statements that begin with the at character (@)? Be specific.**

Razor evaluates C# expressions and renders them in the HTML output. For example, the @character can conduct a C# loop that returns HTML.

1. **How does Razor respond when it encounters statements that begin with the at character followed by the colon (@:)? Be specific.**

The @: is a line prefix that outputs a single line of content containing plain text or unmatched HTML tags. It prevents Razor from interpreting text as a C# statement.

1. **Describe how you implement a standard formatting for all pages in an ASP.NET application.**

You implement standard formatting with the RenderPage, RenderBody, and RenderSection methods, which tell ASP.NET where to insert page elements. You use the RenderPage method in a layout page to insert content blocks. A layout page can contain only one call to the RenderBody method.

1. **What is the difference in using Razor to interpolate data values as stand-alone HTML elements and as attributes to HTML elements. What is the similarity?**

Stand-alone HTML elements hold the content. HTML attributes are used to describe the characteristic of an HTML element in detail. Whatever is written within an HTML tag are HTML elements. HTML attributes are found only in the starting tag.

1. **What is a view start file and where is it located?**

The view start file is located within the Views folder. The MVC Framework executes the code inside this file before executing the code inside an individual view. It can be used to set a value for the Layout property.

1. **What is a Razor code block? What is the syntax of a Razor code block?**

Razor code blocks start with @ and are enclosed by {}. They allow you to include C# statements in a View, but unlike expressions, C# code inside code blocks are not rendered. Code blocks and expressions in a view share the same scope and are defined in order.

1. **Describe the different roles of action methods and views.**

Action Methods output data to the view by passing a view model object to the view. Views use the view model object to display HTML and present content to the user.

1. **Describe the use of the @using statement. Give an example of how you would use it.**

@using statements bring an entire namespace into context. For example, the @model statement applies scope to the view.