70-519

PRO: Design & Develop Web Apps Using MS .NET Framework 4(C# and VB)

DEMO

C# and VB 75+75

Exam A

QUESTION 1
You are designing an ASP.NET Web application. The Web application uses a Menu control to display either a menu of public and private pages to authorized users or a menu of only public pages to visitors. You need to ensure that the menu options and URLs of the private pages are not available to unauthorized users. Which approach should you recommend?

A. Use the Page_Init method to add to the Menu control only pages that the user is authorized to view.

B. Use the Page_Load method to add to the Menu control only pages that the user is authorized to view.

C. Use a JavaScript window.onload event handler to hide the private pages from the list of pages shown on the menu.

D. Use a JavaScript document.ready event handler to hide the private pages from the list of pages shown on the menu.

Answer: B

QUESTION 2
You are designing an ASP.NET Web application for online image editing. Users can upload images to the Web application and edit those images by using utilities provided by the application. Some utilities are processor intensive and should be offloaded to a Graphics Processing Unit (GPU). Other utilities require the use of proprietary algorithms that must be performed on the server. You need to design a solution for minimizing bandwidth usage and Web server response times during image processing, while providing a responsive application. Which two approaches should you recommend? (Each correct answer presents part of the solution. Choose two.)

A. Perform server-side image processing on the Web server.

B. Perform server-side image processing on a dedicated server.

C. Perform client-side image processing by using ASP.NET AJAX.

D. Perform client-side image processing by using Microsoft Silverlight.

Answer: BD

QUESTION 3
You need to design a solution to ensure that data caching and session state will be maintained.
Which approach should you recommend?

A.Use distributed caching and out-of-process session state.

B.Use distributed caching and in-process session state.

C.Use output caching and out-of-process session state.

D.Use output caching and in-process session state.

Answer: A

QUESTION 4
You are designing an ASP.NET Web application to manage and display sensitive information stored in a Microsoft SQL Server database. The database also provides authorization information for users. All Web pages that display sensitive information require an authenticated login. There is no visitor access to these pages. You have the following requirements:
Separate authorization logic from the application.
Prevent the application from directly accessing the database server. You need to design a data access and authorization solution.
Which approach should you recommend?

A.Use a WCF service.

B.Use a separate library.

C.Use SQL XML Services.

D.Use stored procedures.

Answer: A

QUESTION 5
You are designing an ASP.NET Web application. You have the following requirements:
Perform rapid development.
Maintain cross-browser compatibility.
Do not require client-side installations.
You need to recommend a client-side technology that meets the requirements. Which two technologies could you recommend? (Each correct answer presents a complete solution.
Choose two.)

A.jQuery

B.ASP.NET AJAX

C.Microsoft Silverlight

D.Microsoft Visual Basic Scripting Edition (VBScript)

Answer: AB

QUESTION 6

You need to design a solution for calling a server-side method of the code-behind file from JavaScript. Which approach should you recommend?

A.Use PageMethods.

B.Use an UpdatePanelcontrol.

C.Use an UpdateProgresscontrol.

D.Configure the server-side method to return a JsonResult.

Answer: A

QUESTION 7

You are designing an ASP.NET Web application. You have the following requirements:
The application must be usable in partially connected scenarios. Data that is entered into the application offline must be synchronized with the server the next time the application is online.
You need to design the application to meet the requirements.
What should you use?

A.jQuery

B.ASP.NET AJAX

C.WCF Data Services

D.Microsoft Silverlight

Answer: D

QUESTION 8

You need to design a solution for programmatically adding reusable user-interface code to views and allowing the user-interface code to be rendered from the server side. Which approach should you recommend

A.Create a jQuery library plug-in.

B.Create an HtmlHelper extension method.

C.Create a controller that returns an ActionResult.

D.Create a WebForm server control that stores values in ViewState.

Answer: B