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**Vendor:**GIAC

**Exam Code:**GSSP-NET

**Exam Name:**GIAC GIAC Secure Software  
Programmer - C#.NET

**Version:**Demo

### QUESTION 1

Allen works as a Software Developer for ManSoft Inc. The company uses Visual Studio.NET as its application development platform. He creates an application. He wants to allow remote users to connect and access the application through a dial-up connection via the Internet. All data will be sent across a public network. For security reasons, the management wants to send data through the Internet in an encrypted form. The company plans to use a Layer 2 Tunneling Protocol (L2TP) connection. Which of the following communication protocols will Allen use to accomplish the task?

- A. IP Security (IPSec)
- B. Secure Electronic Transaction (SET)
- C. Pretty Good Privacy (PGP)
- D. Triple Data Encryption Standard (3DES)

Correct Answer: A

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### QUESTION 2

You work as an Enterprise Application Developer for SunInfo Inc. The company uses Visual Studio 2008 as its application development platform. You create a Windows Forms application using .NET Framework 3.5. You want to notify the users when a print job has finished. Which of the following events will you use to accomplish the task?

- A. PrintDocument.PrintPage
- B. PrintDocument.EndPrint
- C. PrintDocument.QueryPageSettings
- D. PrintDocument.BeginPrint

Correct Answer: B

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### QUESTION 3

You work as an Application Developer for ABC Inc. You are assigned with developing a Web site that will handle information related to monthly sales of the company. You wish to secure the Web site so that only employees of the Accounts department can view the Web pages. You need to create roles for the employees of this department. The user account information will be stored in a SQL Server database named Database. You decide to do all this by using the Web Site Administration Tool. Which of the following types of security will you use to accomplish the task?

- A. Basic authentication
- B. Integrated Microsoft Windows authentication
- C. Forms-based authentication
- D. Digest authentication

Correct Answer: C

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#### QUESTION 4

Hannah works as a Programmer in a college of Information Technology. The company uses Visual Studio .NET as its application development platform. The Dean of the college wants to obtain the performance report of each student. Hannah develops an application named StudentPerformanceReport by using Visual C# .NET. This application uses a SQL Server database named Database1 and a stored procedure named PROC1. PROC1 executes a query that returns the internal assessment result of each student. Hannah uses a TextBox control named AssessmentText in the application form named MyForm. She wants to display the total test result of each student in the AssessmentText text box control. StudentPerformanceReport uses a SqlCommand object to run PROC1. Hannah wants to write code to call PROC1. PROC1 contains an output parameter and displays its value as "@AssessmentResult" in text format. Which of the following code segments can Hannah use to accomplish this task?

Each correct answer represents a complete solution. Choose two.

- A. `AssessmentText.Text = (string)comm.Parameters["@AssessmentResult"].Value;`
- B. `AssessmentText.Text = comm.Parameters["@AssessmentResult"].SourceColumn;`
- C. `AssessmentText.Text = comm.Parameters["@AssessmentResult"].ToString();`
- D. `AssessmentText.Text = comm.Parameters["@AssessmentResult"].Value.ToString();`

Correct Answer: AD

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#### QUESTION 5

You work as Enterprise Application Developer in SunInfo Inc. The company uses Microsoft .NET Framework 3.5. You design an application. You are required to execute queries against a collection and file directories. Which of the following data access technologies will you use to accomplish the task?

- A. LINQ to Objects
- B. LINQ to Data Services
- C. LINQ to XML
- D. LINQ to DataSets

Correct Answer: A

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#### QUESTION 6

You work as a Software Developer for ABC Inc. The company uses Visual Studio .NET 2008 as its application development platform. You are creating an ASP.NET Web application using .NET Framework 3.5. The application will be accessed by Internet users. You need to enable users to authenticate from the client-side script. You add the following code fragment in the Web.config file of the application:

You must configure the application to ensure that user credentials are validated against Active Directory by using the client-side script. What will you do to accomplish this?

Each correct answer represents a part of the solution. Choose two.

- A. Add the following code fragment to the Web.config file of the application:
- B. Configure the application to use the `ActiveDirectoryMembershipProvider` class.
- C. Add the following code fragment to the Web.config file of the application:
- D. Configure the application to use the `SqlMembershipProvider` class.
- E. Add the following code fragment to the Web.config file of the application:

Correct Answer: BC

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#### QUESTION 7

You work as a Software Developer for InfoTech Inc. You develop a Windows application named MyWinApp that displays a registration form for users. You want to ensure that whenever a user enters a wrong data in the required TextBox controls, the data will not be accepted by the application. Which of the following actions will you take so that users should enter only valid data?

- A. Use a message box that will display an error message with an error icon.
- B. Use the `ErrorProvider` component in the application.
- C. Use the `HelpProvider` component in the application.
- D. Use a message box that will display an error message..

Correct Answer: B

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#### QUESTION 8

You work as a Software Developer for ABC Inc. The company uses Visual Studio.NET 2005 as its application development platform. You are creating an application using .NET Framework 2.0. You are using regular expression in the application to validate email, phone number, etc. You are required to match the preceding character or sub expression zero or more times. Which of the following wildcard characters will you use to accomplish the task?

- A. ?
- B. +
- C. \*
- D. [n]

Correct Answer: C

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### QUESTION 9

You work as a Software Developer for ABC Inc. The company uses Visual Studio .NET as its application development platform. You are creating an application using the .NET Framework. The application contains a class named globalInfo. You need to serialize all public and nonpublic data of the globalInfo class to ensure that the class generates the minimum byte stream so that the minimum load is placed upon network resources. What will you do?

- A. Use the XmlSerializer class.
- B. Use the BinaryFormatter class.
- C. Use the SoapFormatter class.
- D. Use the IXmlSerializable interface.

Correct Answer: B

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### QUESTION 10

You work as a Windows Application Developer for ABC Inc. The company uses Visual Studio .NET 2008 as its application development platform. You create a Windows application using .NET Framework 3.5. The application uses a SQL Server 2008 database on the network.

You use ADO.NET Data Services that exposes data as resources that are addressable by URIs. You access and change data by using the semantics of representational state transfer (REST), specifically the standard HTTP verbs of GET,

PUT, POST, and DELETE. You must ensure that when a service violates any other constraint, the service cannot strictly be referred to as RESTful.

What will you do?

- A. Use the layered system constraint.
- B. Use the code on demand constraint.
- C. Use the client-server constraint.
- D. Use the stateless constraint.
- E. Use the cacheable constraint.

Correct Answer: B

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**QUESTION 11**

You work as an Enterprise Application Developer for ABC Inc. The company uses Visual Studio .NET 2008 as its application development platform. You create an application using .NET Framework 3.5. The application represents a WCF service. The service will be consumed by clientside code that runs in the Web pages of an ASP.NET AJAX application. You must ensure that data serialization between the service and the application acquires least amount of latency. Which data format will you use to accomplish this?

- A. Extensible Application Markup Language
- B. JavaScript Object Notation
- C. Extensible Markup Language
- D. Really Simple Syndication

Correct Answer: B

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**QUESTION 12**

You work as a Software Developer for ABC Inc. You create an ASP.NET Web application named MyWebApplication. You want to provide secure access to company's customers. You want to enable users to access the site from any browser by providing their user name and password. Which of the following authentication methods will you use to accomplish this task?

- A. Windows NT
- B. Secure Socket Layer
- C. Basic
- D. Single Sign-On
- E. Certificate Server

Correct Answer: C