Vendor: GIAC

Exam Code: GSSP-.NET

Exam Name: GIAC Secure Software Programmer- .NET

Version: DEMO

QUESTION 1
You work as a Software Developer for ABC Inc. The company uses Visual Studio .NET 2008 as
its application development platform. You create an ASP.NET Web application using .NET
Framework 3.5. You create a Web form in the application that permits users to provide personal
information. You add a DropDownList control to the Web form to retrieve the residential status of
users. The default item that the DropDownList control displays is the "Select Country" option. You
have to ensure that users select a country other than the default option. Which of the following
validation controls should you use to accomplish this task?

A. RangeValidator
B. RequiredFieldValidator
C. CustomValidator
D. RegularExpressionValidator

Answer: B

QUESTION 2
You work as a Software Developer for ABC Inc. The company uses Visual Studio .NET 2005 as
its application development platform. You create an application for the company. You need to
validate the phone number passed to a class as a parameter in the application. Which of the
following is the most effective way to verify that the format of the data matches a phone number?

A. Regular expressions
B. Nested If statements
C. Use the String.Length property
D. A try/catch block

Answer: A

QUESTION 3
You work as a Software Developer for ABC Inc. The company uses Visual Studio .NET 2005 as
its application development platform. You have recently finished development of a Windows
application using .NET Framework. Users report that the application is not running properly.
When the users try to complete a particular action, the following error message comes out:

```
Unable to find assembly 'myservices, Version=1.0.0.0, Culture=neutral,
PublicKeyToken=29b5ad26c9de9b95'.
```

You notice that the error occurs as soon as the application tries to call functionality in a serviced
component that was registered by using the following command:

```
regsvcs.exe myservices.dll
```

You must make sure that the application can call the functionality in the serviced component with
no exceptions being thrown. What will you do to accomplish this task?

A. Run the command line tool: regasm.exe myservices.dll.
B. Copy the serviced component assembly into the C:\Program Files\ComPlus Applications folder.
C. Run the command line tool: gacutil.exe /i myservices.dll.
D. Copy the serviced component assembly into the C:\WINDOWS\system32\Com folder.

Answer: C

QUESTION 4
Allen works as a Software Developer for ABC Inc. The company uses Visual Studio.NET as its
application development platform. He creates an application using .NET Framework. He wants to
encrypt all his e-mails that he sends to anyone. Which of the following will he use to accomplish
the task?

A. PPP
B. FTP
C. PPTP
D. PGP

Answer: D

QUESTION 5
You work as a Software Developer for ABC Inc. The company has several branches worldwide.
The company uses Visual Studio.NET 2005 as its application development platform. You have
recently finished the development of an application using .NET Framework 2.0. The application
can be used only for cryptography. Therefore, you have implemented the application on a
computer. What will you call the computer that implemented cryptography?

A. Cryptographic toolkit
B. Cryptosystem
C. Cryptographer
D. Cryptanalyst

Answer: B

QUESTION 6
You work as a Software Developer for ABC Inc. The company uses Visual Studio .NET as its
application development platform. You create a class library using the .NET Framework. The
library will be used to open the NSCs of computers. Later, you will set up the class library to the
GAC and provide it Full Trust permission. You write down the following code segments for the
socket connections:

```
SocketPermission permission = new
SocketPermission(PermissionState.Unrestricted);
permission.Assert();
```

A number of the applications that use the class library may not have the necessary permissions
to open the network socket connections. Therefore, you are required to withdraw the assertion.
Which of the following code segments will you use to accomplish the task?

A. `permission.PermitOnly();`
B. `CodeAccessPermission.RevertDeny();`
C. `permission.Deny();`
D. `CodeAccessPermission.RevertAssert();`
E. `permission.Demand();`

Answer: D

QUESTION 7
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. Forms-based authentication
B. Integrated Microsoft Windows authentication
C. Basic authentication
D. Digest authentication

Answer: A

QUESTION 8
You work as a Software Developer for ManSoft Inc. The company uses Visual Studio.NET 2005 as its application development platform. You have recently created an application that includes the code shown below.

```
string str1 = "ABC";
string str2 = "u";
str2 += "Certify";
Console.WriteLine(str1 == str2);
Console.WriteLine((Object) str1 == (Object) str2);
Console.WriteLine(str1.Equals(str2));
```

What will be the output of the above code?

A. False
   False
   False
B. False
   True
   False
C. True
   True
   True
D. True
   False
   True

Answer: D

QUESTION 9
You work as a Software Developer for ABC Inc. The company uses Visual Studio.NET 2008 as its application development platform. You create an ASP.NET Web application using the .NET Framework 3.5. The application contains two HTML pages named Error.htm and PageNotFound.htm. You want to make sure that the following requirements are met:

```
- When any user requests a page that does not exist, the
PageNotFound.htm page is displayed.
```

```
- When any other error occurs, the Error.htm page is displayed.
```

Which of the following code segments will you add to the Web.config file to accomplish this task?

A.
```
<customErrors mode="On" defaultRedirect="Error.htm">
<error statusCode="404" redirect="PageNotFound.htm"/>
</customErrors>
```
B.
```
<customErrors mode="Off">
<error statusCode="400" redirect="Error.htm"/>
<error statusCode="404" redirect="PageNotFound.htm"/>
</customErrors>
```
C.
```
<customErrors mode="On">
<error statusCode="400" redirect="Error.htm"/>
<error statusCode="404" redirect="PageNotFound.htm"/>
</customErrors>
```
D.
```
<customErrors mode="Off" defaultRedirect="Error.htm">
<error statusCode="404" redirect="PageNotFound.htm"/>
</customErrors>
```

Answer: A

QUESTION 10
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 used to share any type of photos on Internet. All the photos should be accessible in various sizes and formats. You need to add a download feature that can be easily maintained. You also need to make sure that only a single version of all photos is stored on a SQL server database. What will you do?

A. Create an HttpModule class to determine the request for the photo download. Process the photo according to the given format and size, and after that return the processed photo in the response.
B. Create a user control that converts the photo to the required format and size.
C. Create an HttpHandler class to determine the request for the photo download. Process the photo according to the given format and size, and after that return the processed photo in the response.
D. Create an ActiveX control that converts the photo to the required format and size.

Answer: C