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

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Topic 1, Volume A

QUESTION NO: 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 NO: 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 NO: 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 NO: 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 NO: 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 NO: 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 NO: 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 NO: 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 NO: 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. You want to use a HTTP module called on each and every request made by the application. It is called as part of the ASP.NET request pipeline. It has right to access life-cycle events throughout the request. You also want to ensure that the HTTP module allows a user to inspect incoming and outgoing requests and take appropriate action based on the request. What will be the correct order to create the HTTP module?

A.
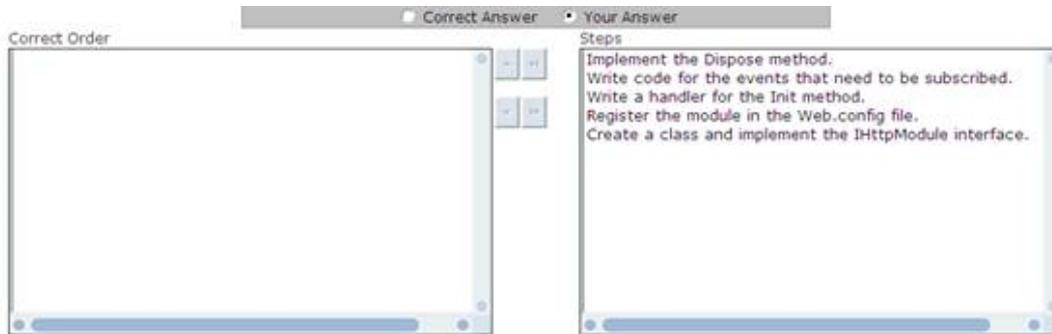
Answer: A

QUESTION NO: 10

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:

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

displayed.

I 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 NO: 11

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

QUESTION NO: 12

You work as a Software Developer for ABC Inc. The company uses Visual Studio.NET 2008 as its application development platform. You have recently finished development of an ASP.NET Web application using the .NET Framework 3.5. You host the application on a Web farm that consists of three Web servers. You should configure the ASP.NET application for session state to meet the following requirements:

l Session state data should not be lost if a server fails.

l Session state must be maintained across browser requests by the same user.

You are required to configure the Web.config file to meet these requirements. Which of the following configurations will you use?

A. <sessionState mode="StateServer"/>
B. <sessionState mode="InProc"/>
C. <sessionState mode="Custom"/>
D. <sessionState mode="SQLServer"/>

Answer: D

QUESTION NO: 13

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 are creating an application using .NET Framework 2.0. The application will be used by all the branches of the company. You are using the CompareInfo class for culture-sensitive string comparisons. You write the following code in the application:

String s1 = "C rtify";

String s2 = "c rtify";

String s3 = "c rtify";

You need to compare the s1 string with the s2 string and ensure that the string comparison must ignore case. Which of the following code segments will you use to accomplish the task?

A. CompareInfo cmp = CultureInfo.InvariantCulture.CompareInfo;
Console.WriteLine(cmp.Compare(s1, s2, CompareOptions.IgnoreCase));
B. CompareInfo cmp = CultureInfo.InvariantCulture.CompareInfo;
Console.WriteLine(cmp.Compare(s1, s2, CompareOptions.None));
C. CompareInfo cmp = CultureInfo.InvariantCulture.CompareInfo;
Console.WriteLine(cmp.Compare(s1, s2, CompareOptions.Ordinal));
D. CompareInfo cmp = CultureInfo.InvariantCulture.CompareInfo;
Console.WriteLine(cmp.Compare(s1, s2, CompareOptions.OrdinalIgnoreCase));

Answer: A

QUESTION NO: 14

Andrew works as a Software Developer for Mansoft Inc. The company's network has a Web server that hosts the company's Web site. Andrew wants to enhance the security of the Web site by implementing *Secure Sockets Layer* (SSL). Which of the following types of encryption does SSL use?

Each correct answer represents a complete solution. Choose two.

A. Symmetric
B. Secret
C. IPSec
D. Asymmetric

Answer: A,D

QUESTION NO: 15

You work as a Software Developer for Mansoft Inc. You create an application and use it to create code access security policies. Which of the following tools will you use to examine and modify code access security policies from a batch file?

A. Tlbimp.exe
B. GacUtil.exe
C. Sn.exe
D. Caspol.exe
E. StoreAdm.exe

Answer: D

QUESTION NO: 16

You can use LINQ in an ASP.NET application through the LinqDataSource control, the _____ control, or by creating LINQ queries.

A. ADO.NET DataSet
B. ObjectDataSource
C. SqlDataSource
D. XmlDataSource

Answer: B

QUESTION NO: 17

Which of the following techniques is used to transmit passwords during authentication?

A. Asymmetric encryption

B. Hashing

C. Salted Hash

D. Symmetric encryption

Answer: C

QUESTION NO: 18

Which of the following session and instancing modes will you set if you require a sessionfull binding and want to create a new instance object for each client request?

A. Set SessionMode to Allowed and IntsanceMode to PerSession.

B. Set SessionMode to Required and IntsanceMode to Single.

C. Set SessionMode to Required and IntsanceMode to PerCall.

D. Set SessionMode to Allowed and IntsanceMode to PerCall.

Answer: C

QUESTION NO: 19

In .NET Framework 3.5, you can create and access values that persist from one application session to another. What are these values called?

A. Objects

B. Settings

C. Properties

D. Attributes

Answer: B

QUESTION NO: 20

Session variables can be any valid _____.

A. .NET Framework type

B. Integer type

C. SessionStateItemCollection object

D. Object type

Answer: A

QUESTION NO: 21

In which of the following objects are *session* variables stored?

A. SessionStateStoreData
B. SessionStateModule
C. SessionStateItemCollection
D. SessionStateStoreProviderBase

Answer: C

QUESTION NO: 22

Which of the following utilities is used to encrypt credentials and session state connection strings?

A. Aximp.exe
B. Aspnet_regiis.exe
C. Aspnet_compiler.exe
D. Aspnet_setreg.exe

Answer: D

QUESTION NO: 23

Which of the following modifiers is not available in C#?

A. private
B. friend
C. internal
D. public
E. protected

Answer: B

QUESTION NO: 24

Which of the following classes will you use to specify that a string must be centered when drawn?

A. StringAlignment
B. StingFormat
C. String
D. LineAlignment

Answer: B

QUESTION NO: 25

Which of the following is a reference type in Visual C#?

A. primitive types
B. strings
C. enums
D. structures

Answer: B

QUESTION NO: 26

Which of the following data structures is used for storing reference data types?

A. Stack
B. Queue
C. Hard disk
D. Heap

Answer: D

QUESTION NO: 27

Which of the following is a restriction operator in LINQ?

A. GROUPBY

B. WHERE
C. THENBY
D. SELECTMANY

Answer: B

QUESTION NO: 28

Which of the following modifiers in C# will you use if you do NOT want a custom-build component to be a base class?

A. sealed
B. virtual
C. override
D. static

Answer: A

QUESTION NO: 29

Which of the following attributes of the customErrors element is used to specify whether custom errors are enabled, disabled, or shown only to remote clients?

A. Off
B. Mode
C. On
D. RemoteOnly

Answer: B

QUESTION NO: 30

What is the main purpose of a try-catch block?

A. To obtain and use resources that are being caught.
B. To signal the occurrence of an exception during the program execution.
C. To catch and handle an exception generated by an executable code.
D. To ensure that the necessary cleanup of external resources is done immediately.

Answer: C

QUESTION NO: 31

ASP.NET version 2.0 health monitoring supports an _____.

A. Event driven model
B. Event provider model
C. Event log model
D. Event API model

Answer: B

QUESTION NO: 32

Which of the following APIs is used to collect information about any running state and any errors that occur within an ASP.NET application?

A. Profile API
B. Health Monitoring API
C. Error Handling API
D. Personalization API

Answer: B

QUESTION NO: 33

The <customErrors> element does not apply to errors that occur in _____.

A. XML Web services
B. Windows services
C. Web services directory
D. Web services

Answer: A

QUESTION NO: 34

Which of the following syntaxes is used for the EncryptionAlgorithm property of the Message class?

A. [MessagingDescriptionAttribute("MessageEncryptionAlgorithm")]
public EncryptionAlgorithm : EncryptionAlgorithm { }
B. [MessagingDescriptionAttribute("MessageEncryption")]
public EncryptionAlgorithm EncryptionAlgorithm { }
C. [MessagingDescriptionAttribute("MessageEncryption")]
public EncryptionAlgorithm EncryptionAlgorithm { get; set; }
D. [MessagingDescriptionAttribute("MessageEncryptionAlgorithm")]
public EncryptionAlgorithm : EncryptionAlgorithm { get; set; }

Answer: C

QUESTION NO: 35

Which of the following is the best encryption algorithm to encrypt and decrypt messages?

A. AES
B. TripleDES
C. DES
D. RSA

Answer: D

QUESTION NO: 36

Which of the following is not a method of controlling traffic through a firewall?

A. Application filtering
B. Encryption-level filtering
C. Stateful inspection
D. Packet filtering

Answer: B

QUESTION NO: 37

Which of the following algorithms supports key lengths from 128 bits to 192 bits in increments of 64 bits?

A. DESCryptoServiceProvider
B. TripleDESCryptoServiceProvider
C. TripleDES
D. AESCryptoServiceProvider

Answer: C

QUESTION NO: 38

Which of the following provide simplified access to ASP.NET AJAX login, roles, and profile services from Windows Forms and WPF applications?

A. Entity Framework
B. AJAX application services
C. Client application services
D. Sync Framework

Answer: C

QUESTION NO: 39

Which of the following providers is a block cipher that encrypts and decrypts data in blocks of 8 bytes?

A. RNGCryptoServiceProvider
B. SHA1CryptoServiceProvider
C. RC2CryptoServiceProvider
D. RSACryptoServiceProvider

Answer: C

QUESTION NO: 40

Which of the following is required to be implemented by marshal-by-value objects to implement

custom serialization rules?

A. ISerializable
B. SerializableAttribute
C. ISerializableAttribute
D. ISerialize

Answer: A

QUESTION NO: 41

Which of the following is not a type of Remote object?

A. Server-activated object
B. Client-activated object
C. Singleton object
D. Single call object

Answer: A

QUESTION NO: 42

Which of the following is an exception of background threads as compared to foreground threads?

A. A background thread does not continue the managed execution environment running.
B. A background thread does not affect the outcome of an unhandled exception.
C. A background thread belongs to the managed thread pool.
D. A background thread changes to a foreground thread at any time.

Answer: A

QUESTION NO: 43

Which of the following classes limits the number of threads that can access a resource or pool of resources concurrently?

A. Semaphore
B. Mutex

C. Thread

D. Monitor

Answer: A

QUESTION NO: 44

Which of the following is TRUE about a managed thread?

A. It is a foreground thread.

B. It is a managed assembly.

C. It is either a background thread or a foreground thread.

D. It is a background thread.

Answer: C

QUESTION NO: 45

Which of the following security methods is used when the code requires a specific set of permissions, which are not known until runtime?

A. Role-Based Security

B. Windows NT Security

C. Imperative Security

D. Declarative Security

Answer: C

QUESTION NO: 46

All of the following are benefits for query expressions allowed by Language-integrated query except for which one?

A. Rich metadata

B. Compile-time syntax checking

C. Static typing and IntelliSense

D. Imperative code

Answer: D

QUESTION NO: 47

Which class allows checks against the active principal using the language constructs defined for the declarative and imperative security actions?

A. IPrincipal
B. CodeAccessPermission
C. PrincipalPermission
D. SecurityPermission

Answer: C

QUESTION NO: 48

Which of the following elements will you use to add a script to the ScriptManager declaratively?

A. <connectionStrings>
B. <Scripts>
C. <configuration>
D. <script>

Answer: B

QUESTION NO: 49

ECMAScript is supported in many applications and is commonly known as _____.

A. VBScript
B. AJAX
C. JavaScript
D. Script

Answer: C

QUESTION NO: 50

Which of the following methods is not used to handle the SoapExtensions?

A. Configuration
B. Imperatively
C. Declaratively
D. Optimization

Answer: D

QUESTION NO: 51

Which of the following options is not a primary objective of the WS-Security 1.1 specification?

A. Integrity
B. Confidentiality
C. Authentication
D. Validation

Answer: D

QUESTION NO: 52

Which of the following is the best way to authenticate users on the intranet?

A. Forms authentication
B. NT authentication
C. Mutual authentication
D. Basic authentication

Answer: B

QUESTION NO: 53

What is the difference between Data Encryption Standard (DES) and Data Encryption Algorithm (DEA)?

A. DES is the modified Lucifer algorithm and DEA is the original.

B. DES itself is referred to as DEA.

C. DES is insecure, whereas DEA is secure.

D. DES is a standard and DEA is an algorithm.

Answer: B

QUESTION NO: 54

Which of the following can be used as an alternative of S/MIME standard?

A. MIME

B. SMTP

C. MIME/PGP

D. NNTP

Answer: C

QUESTION NO: 55

Which of the following modes can be used to configure the Remote Debugging Monitor for remote debugging?

A. Password Authentication

B. Form Authentication

C. No Authentication

D. SQL Server Authentication

Answer: C

QUESTION NO: 56

John works as a Web developer for HiTech Inc. He develops an application named MyApp by using Visual C# .NET. John uses a SQL Server database. He writes the following code:

OleDbCommand cmd = new OleDbCommand();

cmd.CommandText = "UPDATE Employees SET Rank = 'Senior' WHERE Basic > 10000";

cmd.ExecuteNonQuery();

Now he wants to improve the performance of the program code. Which of the following actions will he perform to accomplish the task?

Each correct answer represents a complete solution. Choose all that apply.

A. Use database indexing.
B. Use an OleDbDataReader object to execute the program code.
C. Use a Cache object to execute the program code.
D. Use a SqlCommand object instead of an OleDbCommand object.
E. Use a stored procedure instead of the CommandText property.
F. Use the Prepare method on the OleDbCommand object before executing the program code.

Answer: D,E

QUESTION NO: 57

You work as a software developer for ManSoft Inc. The company uses Visual Studio .NET 2005 as its application development platform. You use C#. NET to create an assembly that will be consumed by other Visual Studio .NET applications. No Permissions should be granted to this assembly unless the assembly makes a minimum permission request. You need to write a code for the assembly that makes a minimum permission request. Which of the following code segments will you use to accomplish this task?

A. [Assembly: PermissionSet(SecurityAction.PermitOnly, Unrestricted = true)]
B. [Assembly: PermissionSet(SecurityAction.RequestOptional, Unrestricted = true)]
C. [Assembly: PermissionSet(SecurityAction.PermitOnly, Unrestricted = false)]
D. [Assembly: PermissionSet(SecurityAction.RequestOptional, Unrestricted = false)]

Answer: D

QUESTION NO: 58

You work as a Windows Application Developer for ABC Inc. The company uses Visual Studio .NET as its application development platform. You create a Windows application using .NET Framework 2.0. The application allows computer engineers to design circuit boards for different types of hardware. You create a custom control that represents the design surface. You are required to highlight the vacant areas on the design surface where a component can be dropped. Which of the following events will you use to accomplish this task?

A. DragOver
B. QueryContinueDrag
C. DragEnter
D. DragLeave

Answer: A

QUESTION NO: 59

You work as a Web Application Developer for SunInfo Inc. The company uses Visual Studio 2008 as its application development platform. You create a Web application using .NET Framework 3.5. You want to redirect users to a default error page if an unhandled error occurs within your site. Which of the following actions will you perform to accomplish the task?

A. Set the mode attribute of the customErrors element to Off and the defaultRedirect attribute to an error page within your site.
B. Set the statusCode attribute of the error element to 404 and the redirect attribute to a custom error page.
C. Set the redirect attribute of the error element to an error page within your site.
D. Set the mode attribute of the customErrors element to On and the defaultRedirect attribute to an error page within your site.

Answer: D

QUESTION NO: 60

You work as a Web Application Developer for SunInfo Inc. The company uses Visual Studio 2008 as its application development platform. You create a Web application using .NET Framework 3.5. You want to attach the Visual Studio Debugger to Internet Explorer when the application is running. Which of the following steps will you take to accomplish the task?

Each correct answer represents a part of the solution. Choose all that apply.

A. In the Attach to Process dialog box, select the instance of Internet Explorer (iexplorer.exe) to be attached to the debugger.
B. In Visual Studio, go to the Debug menu and select Start Debugging.
C. In Visual Studio, go to the Debug menu, click Windows, and then click Script Explorer.
D. In Visual Studio, go to the Debug menu and click Attach to Process.

Answer: A,D

QUESTION NO: 61

John works as a Software Developer for Blue Well Inc. He wants to create a class named Class1 and implements the generic IComparable interface. He writes the following code:

public class Class1 : System.IComparable<Class1>

{

}

However, John needs to compare one object of Class1 with another object. Which of the following code statement will John include in his application?

A. public int CompareTo(object obj){}
B. public object CompareTo(int obj){}
C. public object CompareTo(Class1 obj){}
D. public int CompareTo(Class1 obj){}

Answer: D

QUESTION NO: 62

John works as a Web Developer for ProLabs Inc. He develops an ASP.NET application, named

MyWebApp1, using Visual Studio .NET. One of the pages in the application is named as Page1.aspx, which does not need to maintain session state. To improve the performance of the application, John wants to disable session state for Page1. Which of the following actions will he take to accomplish the task?

A. Set the EnableViewState attribute in the @ Page directive to false.
B. Set the DisableSessionState attribute in the @ Page directive to true.
C. In the sessionState configuration section of the application's Web.config file, set the mode attribute to off.
D. Set the EnableSessionState attribute in the @ Page directive to false.

Answer: D

QUESTION NO: 63

You work as a Software Developer for ABC Inc. You develop a multi-threaded application named MyMultThreadApp using Visual Studio .NET. The application logs all warning and informational messages in an event log that keeps track of significant events when the application is running. The event log records information that might be useful for troubleshooting or performance analysis. Which of the following are the considerations that you must keep in mind when logging events with multithreaded components?

Each correct answer represents a complete solution. Choose three.

A. An exclusive lock should be obtained on the log to avoid race conditions.
B. Each shared component should be thread-safe when interacting with an event log.
C. The System.Threading namespace should be used to record the identity of each thread for logging messages.
D. The Debug and Trace classes should be used to log events.

Answer: A,B,C

QUESTION NO: 64

You work as a Software Developer for Mansoft Inc. You create an application and use it to create users as members of the local Users group. Which of the following code snippets imperatively demands that the current user is a member of the local Users group?

Each correct answer represents a complete solution. Choose all that apply.

A. System.AppDomain.CurrentDomain.SetPrincipalPolicy(PrincipalPolicy.WindowsPrincipal);
PrincipalPermission MyPermission = new PrincipalPermission(null, @"BUILTIN\Users", true);
MyPermission.Demand();
B. System.AppDomain.CurrentDomain.SetPrincipalPolicy(PrincipalPolicy.WindowsPrincipal);
PrincipalPermission MyPermission = new PrincipalPermission(null, @"Users", true);
MyPermission.Demand();
C. PrincipalPermission MyPermission = new PrincipalPermission(null, @"BUILTIN\Users", true);
MyPermission.Demand();
D. PrincipalPermission MyPermission = new PrincipalPermission(null, @"Users", true);
MyPermission.Demand();

Answer: A,B

QUESTION NO: 65

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 are creating an applications using .NET Framework 2.0. You want to allow users to view various details of a given unmanaged code. What will you do to accomplish the task?

A. Use a COM/DCOM server.
B. Use the Dispinterface.
C. Use the Makecert.exe.
D. Use the dumpbin.exe.

Answer: D

QUESTION NO: 66

You work as a Windows Application Developer for ABC Inc. The company uses Visual Studio .NET 2008 as its application development platform. You are creating a Windows Forms application using .NET Framework 3.5. You need to develop a new control for the application. You must ensure that the control inherits the TreeView control by adding a custom node tag and a highlight color. What will you do?

A. Set the control's DrawMode property to OwnerDrawText, and then implement a custom DrawNode event handler.
B. Set the control's DrawMode property to OwnerDrawAll, and then implement a custom DrawNode event handler.
C. Write a code segment in the DrawNode event handler to give the highlight color.
D. Override the OnPaint method.

Answer: A

QUESTION NO: 67

You work as a Software Developer for ABC Inc. The company uses Visual Studio .NET as its application development platform. You create a method to call a COM component using the .NET Framework. You want to use declarative security to request the runtime to run a complete stack walk. You need to ensure that all callers be obliged to level of trust for COM interop before the callers execute the method. Which of the following attributes will you place on the method to accomplish the task?

A. [SecurityPermission(SecurityAction.Demand,
Flags=SecurityPermissionFlag.UnmanagedCode)]
B. [SecurityPermission(SecurityAction.Deny,

Flags = SecurityPermissionFlag.UnmanagedCode)]
C. [SecurityPermissionSecurityAction.LinkDemand,
Flags=SecurityPermissionFlag.UnmanagedCode)]
D. [SecurityPermission(SecurityAction.Assert,
Flags = SecurityPermissionFlag.UnmanagedCode)]

Answer: A

QUESTION NO: 68

You work as a Software Developer for ABC Inc. You develop an application using Visual Studio .NET 2005. You want to print the contents of a document named MyFile1.doc located on the local computer. Therefore, you use the printing controls in the application. Which of the following events will you use in the application code to accomplish the task?

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

Answer: C

QUESTION NO: 69

Tony works as a Software Developer for TechNet Inc. He creates a satellite assembly named

SatAssembly1. He wants to install SatAssembly1 in the global assembly cache. Therefore, he compiles the assembly by using the AI.exe tool and signs SatAssembly1. Which of the following possible tools will Tony use to sign SatAssembly1?

Each correct answer represents a complete solution. Choose two.

A. Installer tool
B. File Signing tool
C. .NET Services Installation tool
D. Strong Name tool

Answer: B,C

QUESTION NO: 70

Georgina works as a Software Developer for BlueChip Inc. She develops an application named App1 using Visual Studio .NET. The company wants her to deploy App1 to a customer's laptop. Georgina creates an assembly named Assembly1 to be stored in the Global Assembly Cache so that the Common Language Runtime (CLR) can locate and bind Assembly1.

As the application executes, the CLR locates the path of Assembly1 through the codebase setting. But, it finds no <codebase> element in the app.config file, and fails to bind Assembly1. Now, the CLR tries to locate Assembly1 through probing. Which of the following will the CLR check to locate Assembly1?

Each correct answer represents a part of the solution. Choose all that apply.

A. Previously loaded assemblies
B. The application base or root directory
C. The Gacutil.exe tool in the Global Assembly Cache
D. Sub-directories in the application's root directory
E. The culture attribute of the assembly
F. The correct version of the assembly
G. The assembly's name

Answer: B,D,E,G

QUESTION NO: 71

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. PGP
D. PPTP

Answer: C

QUESTION NO: 72

John works as a Web Developer for TechCom Inc. He creates an ASP.NET application, named MyApp1, using Visual Studio .NET. Only registered users of the company will be able to use the

application. The application contains a page, named NewAccount.aspx that allows new users to register themselves to the registered user list of the company. The NewAccount page contains several TextBox controls that accept users' personal details such as username, password, confirm password, first name, last name, home address, zip code, phone number, etc. One of the TextBox controls on the page is named txtZipCode in which a user enters a Zip code.

John wants to ensure that when a user submits the NewAccount page, txtZipCode must contain five numeric digits. He wants least development effort. Which of the following validation controls will he use to accomplish the task?

Each correct answer represents a part of the solution. Choose all that apply.

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

Answer: B,D

QUESTION NO: 73

John works as a Software Developer for DawnStar Inc. He creates a class, named MyClass1. He wants to generate a key pair that he will use to give the compiled assembly a strong name. Which of the following tools will he use to accomplish the task?

A. Installutil.exe
B. Gacutil.exe
C. Sn.exe
D. Al.exe

Answer: C

QUESTION NO: 74

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

Answer: B,C

QUESTION NO: 75

You work as a Software Developer for ABC Inc. The company uses Visual Studio.NET 2005 as its application development platform. You create a Web service application using .NET Framework. The Web service provides confidential data of employees to applications that manage access to company facilities. The Web service is accessible by using TCP and is sheltered by using WSE 3.0. The company has implemented fingerprint readers to grant employees access to the facilities. All the captured images of the employees' fingerprints are retained by the Web service application. You must make certain that the existing WSE encryption policy can be applied to the fingerprint image. You are required to provide the solution that must reduce the size of the Web service message.

What will you do to accomplish this task?

A. Configure the Web service to use base64 encoding to pass the binary fingerprint image.
B. Create a SOAP extension to manage encryption for the message.
C. Configure the Web service to use Message Transmission Optimization Mechanism to pass the binary fingerprint image.
D. Create a SOAP filter to manage encryption for the message.

Answer: C

QUESTION NO: 76

You work as a Software Developer for InfoTech Inc. You create a Windows form in a Windows-based application named MyWinApp1. You use graphics in the form. You write the following code in your form:

private void MyMouseEvent1(object sender1, MouseEventArgs event)

{

// Code to handle mouse events

}

You want to implement a property of the *MouseEventArgs* object. This property will return a *Point* structure that contains the x-coordinate and y-coordinate of the mouse. Which of the following properties of the MouseEventArgs object will you use to accomplish this?

A. Y
B. Delta
C. Location
D. Button
E. Clicks
F. X

Answer: C

QUESTION NO: 77

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 fold

er.

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 NO: 78

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 NO: 79

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 NO: 80

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 NO: 81

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 NO: 82

You work as a Software Developer for ManSoft Inc. You use Microsoft Visual Studio to create a Web service named MyWebService. You create a SOAP message that is not secure in the Web service. You want to use the SendSecurityFilter class in the Web service to handle the transmission and securing of SOAP messages. Which of the following code segments will you use

to accomplish the task?

Each correct answer represents a part of the solution. Choose all that apply.

A.
```
public class MySendSecurityFilter : SendSecurityFilter
{
public MySendSecurityFilter(string service, Boolean client)
{ }
public override void SecureMessage(SoapEnvelope envelope, Security security)
{
// Implement validation here
}
}
```
B.
```
public class MySendSecurityFilter : SendSecurityFilter
{
public MySendSecurityFilter(string service, Boolean client)
{
base(service,client);
}
public override void SecureMessage(SoapEnvelope envelope, Security security)
{
// Implement validation here
}
}
```
**C.**
```
public class MySendSecurityFilter : SendSecurityFilter
{
public MySendSecurityFilter(string service, Boolean client) : base(service,client)
{ }
public override void SecureMessage(SoapEnvelope envelope, Security security)
{
// Implement validation here
}
}
```
D.
```
public class MySendSecurityFilter : SendSecurityFilter
{
public MySendSecurityFilter(string service, Boolean client) : base(service,client)
{ }
public void SecureMessage(SoapEnvelope envelope, Security security)
{
// Implement validation here
}
}
```

Answer: B,C

QUESTION NO: 83

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 Forms application using .NET Framework 3.5. The application contains a data-bound control. You use the LinqDataSource control to use LINQ in the ASP.NET application by setting properties in markup text. The LinqDataSource control uses LINQ to SQL to automatically generate the data commands. You are required to perform data operations by using the LinqDataSource control. What is the correct order in which data operations are applied?

A.
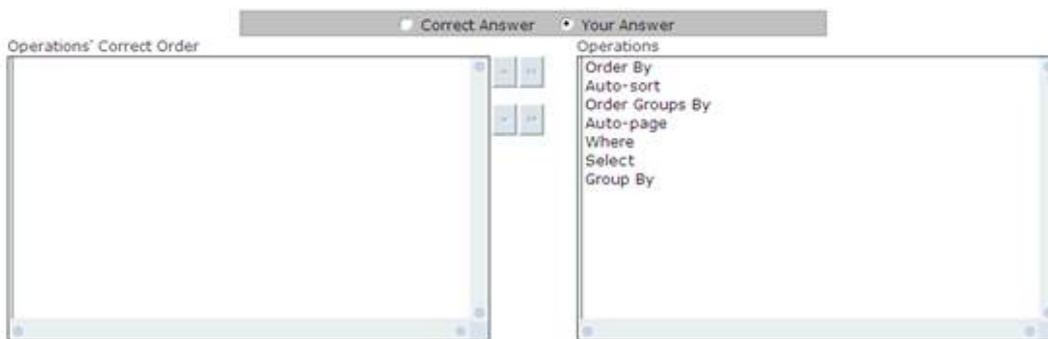
Answer: A

QUESTION NO: 84

You work as a Software Developer for Hi-Tech Inc. You develop an application using Visual Studio .NET 2005. You create an unregistered COM DLL file named Com1.dll. You want to use this Com1.dll file in your application code. However, Com1.dll needs to be registered in the Windows Registry before it is used by the application. Which of the following tools will you use to accomplish the task?

A. Wsdl.exe
B. Regsvr32.exe
C. Tlbimp.exe
D. Disco.exe

Answer: B

QUESTION NO: 85

John works as a Web Developer for ABC Inc. He develops an ASP.NET application, named MyApp1, using Visual Studio .NET. The application will be used in the Sales department to generate monthly reports. John wants to deploy the application on the company's intranet. The company uses Microsoft Windows authentication. John wants to deny access to all the members of the Guest1 role. Which of the following attributes will he use in the *<authorization>* element of the application's *Web.config* file to accomplish the task?

A. <deny roles="Guest1" />
B. <deny="Guest1" />
C. <deny users="Guest1" />
D. <deny users=Guest1("All") />

Answer: A

QUESTION NO: 86

You work as a Software Developer for ABC Inc. The company uses Visual Studio .NET 2008 as its application development platform. You are creating a custom control library using .NET Framework 3.5. Developers will use this custom control on Web pages in multiple applications. Each and every ASP.NET application will be configured by using different state management approaches. You have to ensure consistent state management for all instances of the custom control. Which of the following states will you use to accomplish this task?

A. Session state
B. Application state
C. Control state
D. View state

Answer: C

QUESTION NO: 87

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

Answer: B

QUESTION NO: 88

Maria works as a Software Developer for BlueWell Inc. She develops an application, named App1, using Visual C# .NET. The application displays employee details from a SQL Server database. Maria wants to use a string *array*, named MyArray, in the application code to store employee names. Which of the following statements will she use to declare MyArray?

A. Option Base 1 string[] MyArray = new string[9];
B. string[] MyArray = new string[9];
C. Option Base 0 string[] MyArray = new string[9];
D. string[] MyArray = new string[0 to 9];
E. string MyArray[9] = new string;

Answer: B

QUESTION NO: 89

David works as a Software Developer for GenTech Inc. He creates an XML Web service, named MyWebService, using Visual Studio .NET. MyWebService uses Microsoft Windows authentication. Users of MyWebService are in the GenTech domain. David wants to configure MyWebService to use the following URL-based authorization rules:

I Anonymous users must not be allowed to access MyWebService.

I All the users except User1 and User2 must be allowed to access MyWebService.

David configures Internet Information Services (IIS) to meet these requirements. Which of the following code will David use to configure the authorization section of the Web.config file for MyWebService?

A. <authorization>
<deny users="GenTechUser1, GenTechUser2">

```
<allow users="*">
<deny users="?">
</authorization>
```
B. `<authorization>`
```
<allow users="*">
<deny users="GenTechUser1, GenTechUser2">
<deny users="?">
</authorization>
```
C. `<authorization>`
```
<deny users="GenTechUser1, GenTechUser2">
<deny users="?">
<allow users="*">
</authorization>
```
D. `<authorization>`
```
<deny users="GenTechUser1, GenTechUser2">
<allow users="*">
</authorization>
```
E. `<authorization>`
```
<allow users="*">
<deny users="GenTechUser1, GenTechUser2">
</authorization>
```

Answer: C

QUESTION NO: 90

Henry works as a Software Developer for SoftTech Inc. He creates a Windows form named

MyForm1. The form contains detailed information about a student. The form uses a ListBox control named ListBox1 that concatenates two strings displayed in two TextBox controls. Henry wants a method to return a value for the control. Which of the following options will he consider while creating a method for the control?

A. A method with a string return type.
B. A void method that passes only one parameter.
C. A method with an integer return type.
D. A void method that passes more than one parameter.

Answer: A

QUESTION NO: 91
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

Answer: C

QUESTION NO: 92

You work as a Software Developer for ManSoft Inc. The company has several branches worldwide. The company uses Visual Studio.NET 2005 as its application development platform. You create an application that will be used by all the branches of the company. You use the Regex class in the application to validate some strings. You want to search an input string for an occurrence of a regular expression. Which of the following methods of the Regex class will you use to accomplish the task?

A. Match
B. Matches
C. Equals
D. IsMatch

Answer: A

QUESTION NO: 93

You work as an Enterprise Application Developer for ABC Inc. The company uses Visual Studio .NET 2008 as its application development platform. You create a logging utility class using .NET Framework 3.5. The utility class writes logs to event log services. You are required to ensure that the client applications that use the utility class can create an instance of the utility class only if they have access rights to write to the event log services.

What will you do?

A. Use role based security in the class constructor.
B. Use declarative security check on the assembly.
C. Use role based security on the class.

D. Use code access security on the class.

Answer: D

QUESTION NO: 94

Allen works as a Software Developer for ABC Inc. The company uses Visual Studio .NET 2005 as its application development platform. Allen creates an application that will be used to handle security information related to the company. He wants to secure the application by using the most secure authentication method. The method should have a strong key for encryption and send the encrypted password across the network. Which of the following authentication methods will Allen use to accomplish the task?

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

Answer: C

QUESTION NO: 95

Mark works as a Software Developer for GenTech Inc. He develops an application, named App1, using Visual Studio .NET. The application contains a Form control, named Form1, which enables users to edit information in a SQL Server database. Mark wants to save all the changes made by users in the database. He defines a boolean variable, named DataIsSaved, in the application code. DataIsSaved indicates whether or not all data are saved in the database. Mark wants to prevent Form1 from closing until all the changes are saved in the database. Which of the following code will he use to accomplish this?

A. protected void Form1_Leave(object sender, System.ComponentModel.CancelEventArgs e) {
if(!DataIsSaved)
B. Cancel = false;
else
C. Cancel = true;
}
D. protected void Form1_Leave(object sender, System.ComponentModel.CancelEventArgs e) {
if(!DataIsSaved)
E. Cancel = true;
else
F. Cancel = false;

}
G. protected void Form1_Closed(object sender, System.ComponentModel.CancelEventArgs e) {
if(!DataIsSaved)
H. Cancel = false;
else
I. Cancel = true;
}
J. protected void Form1_Closing(object sender, System.ComponentModel.CancelEventArgs e) {
if(!DataIsSaved)
K. Cancel = false;
else
L. Cancel = true;
}
M. protected void Form1_Closed(object sender, System.ComponentModel.CancelEventArgs e) {
if(!DataIsSaved)
N. Cancel = true;
else
O. Cancel = false;
}
P. protected void Form1_Closing(object sender, System.ComponentModel.CancelEventArgs e) {
if(!DataIsSaved)
Q. Cancel = true;
else
R. Cancel = false;
}

Answer: F

QUESTION NO: 96

You work as a Web Administrator for BlueWell Inc. The company's sales employees access the Web server from remote locations via the Internet using Netscape Navigator or Internet Explorer. You want to secure the Web server. To secure the Web server, you want to use cookieless forms authentication. Which of the following properties will you use to accomplish the task?

A. FormsCookiePath
B. CookieDomain
C. CookieMode
D. FormsCookieName

Answer: C

QUESTION NO: 97

You work as a Software Developer for ABC Inc. You create a Console application to create multiple satellite assemblies. Which of the following statements about *satellite assemblies* are true?

Each correct answer represents a complete solution. Choose all that apply.

A. They do not contain any executable code.
B. An application can have only one satellite assembly.
C. The Assembly Linker tool is used to compile .resources files into satellite assemblies.
D. They are used to deploy language-specific resources for an application.

Answer: A,C,D

QUESTION NO: 98

You are working on an ASP.NET Web application and using .NET 2.0 as the application development platform. Authenticated users want their passwords to recover through the application. Which of the following are necessary to enable the user password recovery option for your application?

Each correct answer represents a part of the solution. Choose all that apply.

A. Using an ASP.NET membership for authentication.
B. Sending e-mail messages to the users.
C. Using the PasswordRecovery control.
D. Using the ChangedPassword control.

Answer: A,B,C

QUESTION NO: 99

John works as a Web Developer for Bitsoft Inc. He creates an ASP.NET application, named MyApp1, by using Visual Studio .Net for a University Web site. Students will use MyApp1 to view their term end result. MyApp1 contains an ASP.NET page named, named Page1. Page1 contains a *TextBox* control, named txtEnrolmentNo, and two *Button* controls, named btnSubmit and btnCancel respectively.

John wants that if a user tries to submit the page by clicking the Submit button without entering his enrolment the word "Required" appears next to txtEnrolmentNo. However, when a user clicks the

Cancel button he is redirected to a new page, named PageCancel.aspx. To accomplish this he adds a *RequiredFieldValidator* control to the page and sets its *ControlToValidate* and *ErrorMessage* properties to txtEnrolmentNo and "Required" respectively. However, when he executes the application he finds that the validation check is also performed on clicking the Cancel button. What is the most likely cause of the issue?

A. The CauseValidation property of btnSubmit is not set to True.
B. The CauseValidation property of btnCancel is not set to True.
C. The CauseValidation property of btnSubmit is not set to False.
D. The CauseValidation property of btnCancel is not set to False.
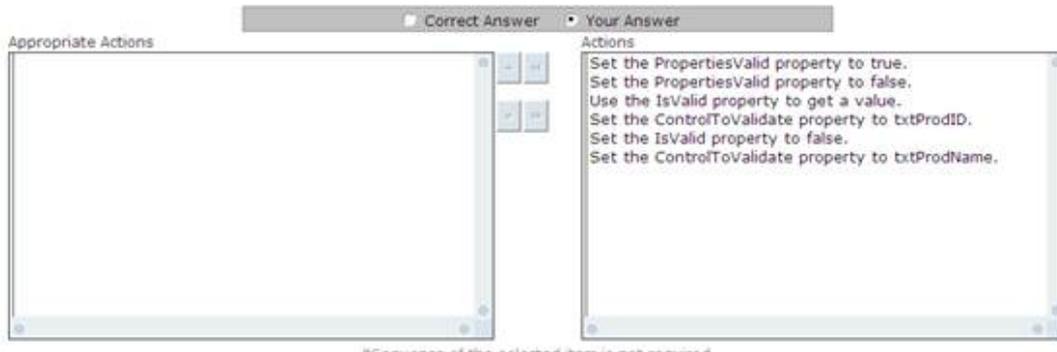
Answer: D

QUESTION NO: 100

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. The application will be used by school children to read a sequential chain of characters. What will you do to accomplish this task?

A. Use the File class.
B. Use the TextWriter class.
C. Use the TextReader class.
D. Use the BinaryReader class.

Answer: C

QUESTION NO: 101

Peter works as a Software Developer for NessCom Inc. He creates a Web application named WebApp using Visual Studio .NET. WebApp contains an .aspx page named DataValidatePage.aspx, which has several Web server controls. Two TextBox controls, txtProdID and txtProdName, are used. The txtProdID control is used to enter the identification number of the products used by the company. The txtProdName control is used to enter valid product names. Peter wants to ensure that only valid data is entered in these two TextBox controls. Therefore, he implements a *RequiredFieldValidator* class in the DataValidatePage.aspx page. Choose the appropriate actions Peter will perform to accomplish the task.

A.

Answer: A

QUESTION NO: 102

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 need to represent a strongly typed lambda expression as a data structure in the form of an expression tree. Which of the following classes will you use to accomplish the task?

A. MethodCallExpression
B. Expression(TDelegate)
C. Expression
D. LambdaExpression

Answer: B

QUESTION NO: 103

You work as a Software Developer for ManSoft Inc. You create an assembly. You place the assembly in a specific folder. Which of the following classes can you use to determine whether the assembly was located in a specific folder?

Each correct answer represents a complete solution. Choose two.

A. UrlMembershipCondition
B. ApplicationDirectoryMembershipCondition
C. GacMembershipCondition
D. SiteMembershipCondition

Answer: A,B

QUESTION NO: 104

John works as a Software Developer for CyberTech Inc. He creates an ASP .NET page named BookItemList.aspx, which displays a price list of computer books. Registered users have to first log on to the company's Web site in order to view the current price list of different computer books available on the Web site. Users want to maintain the page requests as long as they are accessing the Web page.

John wants to ensure that whenever the Web page BookItemList.aspx is posted back to the server, the price list should not be changed on the registered user's computer. He also wants to validate the page sent back to the server. Which of the following actions will John take to accomplish the task?

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

A. Set the EnableEventValidation attribute to false.
B. Set the EnableEventValidation attribute to true.
C. Set the EnableViewState attribute to true.
D. Set the EnableViewState attribute to false.

Answer: B,C

QUESTION NO: 105

Patrick works as a Software Developer for GenTech Inc. He develops an application, named App1, using Visual C# .NET. He implements security using the security classes of the .NET Framework. He defines the following statements in the application:

PrincipalPermission Principal_Perm1 = new PrincipalPermission("Nick", "General

Manager");

PrincipalPermission Principal_Perm2 = new PrincipalPermission("Jack", "Accountant");

Patrick wants to check whether all demands that succeed for Principal_Perm1 also succeed for Principal_Perm2. Which of the following methods of the PrincipalPermission class will he use to accomplish this?

A. Intersect
B. IsSubSetOf

C. IsUnrestricted

D. Union

Answer: B

QUESTION NO: 106

Sam works as a Software Developer for GenTech Inc. He develops an application named App1 using Visual Basic .NET. App1 uses a non-COM DLL named Value1.dll, which contains unmanaged code. Sam writes a method named Method1 in Value1.dll as follows:

Method1 Lib "Value1.dll"(ByVal InputVar As String, ByRef WordsVar As String, ByRef

NumbersVar As Integer) As Integer

Sam wants to use Method1 for parsing a string into an array of string values and an array of integers. Sam wants to enable App1 to call this function. Which of the following statements about the method are true?

Each correct answer represents a complete solution. Choose all that apply.

A. The value of the first parameter cannot be changed by a procedure or a function.
B. The second parameter will contain all string values found in the first parameter.
C. The third parameter will contain all integer values found in the second parameter.
D. The third parameter will contain all string values found in the second parameter.

Answer: A,B,C

QUESTION NO: 107

You work as a Software Developer for ABC Inc. The company uses Visual Studio .NET as its application development platform. You need to write a code segment that transfers the contents of a byte array named ToSend by using a NetworkStream object named NetStr. You want to use a cache of size only 8,192 bytes. Which of the following code segments will you use to accomplish the task?

A. MemoryStream MStream = new MemoryStream(8192);
NetStr.Write(ToSend, 0, (int) MStream.Length);
B. BufferedStream BStream = new BufferedStream(NetStr);
BStream.Write(ToSend, 0, 8192);
C. BufferedStream BStream = new BufferedStream(NetStr, 8192);
BStream.Write(ToSend, 0, ToSend.Length);

D. MemoryStream MStream = new MemoryStream(8192);
MStream.Write(ToSend, 0, (int) NetStr.Length);

Answer: C

QUESTION NO: 108

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 fold er.
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 NO: 109

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 NO: 110

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 NO: 111

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 NO: 112

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 NO: 113

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. The application uses serialization to allow users to take an instance of an object and convert it into a format that can be easily transmittable over the network or even stored in a database. You want to provide the base functionality for the common language runtime serialization formatters. Which of the following classes will you use to accomplish the task?

A. SoapFormatter
B. FormatterConverter
C. Formatter
D. BinaryFormatter

Answer: C

QUESTION NO: 114

Sam works as a Software Developer for GenTech Inc. He creates an ASP.NET page, named Page1, for a college Web site. Page1 is used to enroll new applicants to a certification course offered by the college. In order to get admission to the course, an applicant's age must be

between eighteen and twenty-five. The page contains several TextBox controls that are used by applicants to feed their personal details. The data entered by each applicant is then used to check the eligibility of the applicant.

One of the TextBox controls on the page is named txtDateofBirth. Sam wants to verify that the applicants meet the age requirement. He wants to perform validation both on the server-side and on the client-side. In order to validate the age, he adds a CustomValidator control, named CValidator, to the page and sets its ControlToValidate property to txtDateofBirth. Which of the following will Sam use to accomplish the task?

Each correct answer represents a part of the solution. Choose all that apply.

A. ClientValidationFunction event
B. ServerValidate property
C. ServerValidate event
D. ClientValidationFunction property

Answer: C,D

QUESTION NO: 115

You work as a Web Application Developer for ABC Inc. The company uses Visual Studio .NET as its application development platform. You create an ASP.NET Web application using the .NET Framework. The application is installed in a Network Load Balancing cluster. You are evaluating a bug statement. When a failure takes place in the Web application, the client occasionally gets an error page as anticipated. At other times, the client gets an exception stack with the error message, which is not anticipated. You are required to find out the configuration setting that causes the unanticipated error.

Which of the following configuration settings causes the unanticipated error?

A. <customErrors mode="Off" />
B. <compilation debug="false" />
C. <compilation debug="true" />
D. <customErrors mode="On" />

Answer: A

QUESTION NO: 116

You work as a Software Developer for ABC Inc. The company uses Visual Studio .NET 2005 as its application development platform. You create a Web service using the .NET Framework 2.0. You

call a method in the Web service. The following exception is thrown in the Web service: client.System.Web.Services.Protocols.SoapException: Server was unable to process request. System.NullReferenceException: Object reference not set to an instance of an object. You find out that it is the following line of code that throws the exception: if (Session ["StoredValue"] == null)

You must ensure that the method runs without throwing any exception. What will you do to accomplish this task?

A. Modify the WebMethod attribute in the Web service so that the EnableSession property is set to true.
B. Add the following to the System.Web section of the Web.config file:
<sessionState mode="InProc" />
C. Add the following to the System.Web section of the Web.config file:
<httpModules>
<add name="Session" type="System.Web.SessionState.SessionStateModule" />
</httpModules>
D. In the client code for the Web service's proxy object, assign a new instance of the System.Net.CookieContainer object to the CookieContainer property.
E. In the client code for the Web service's proxy object, assign a new instance of the System.Net.CookieContainer object to the EnableSession property.

Answer: A

QUESTION NO: 117

Bill works as a Software Developer for SunInfo Inc. He develops an application named SunApplication using C# .NET. The employees of the company use SunApplication for viewing and editing inventory data. SunApplication receives data from a file named MyFile.xml, which currently does not provide any information. Bill decides to write code to get information from the MyFile.xml file. Which of the following code segments will he use to resolve the issue?

Each correct answer represents a complete solution. Choose all that apply.

A. FileInfo FI = new FileInfo(@"c:\temp\MyFile.xml");
Console.WriteLine("Filename " + FI.FullName);
Console.WriteLine(" Created at " + FI.CreationTime);
Console.WriteLine(" Accessed at " + FI.LastAccessTime);
B. FileInfo FI = new FileInfo ("@c:\program files\temp\MyFile.xml");
Console.WriteLine ("Filename " + FI.FullName);
Console.WriteLine(" Created at " + FI.CreationTime);
Console.WriteLine(" Accessed at " + FI.LastAccessTime);
C. FileInfo FI = new FileInfo("MyFile.xml");
Console.WriteLine("Filename " + FI.FullName);

```
Console.WriteLine(" Created at " + FI.CreationTime );
Console.WriteLine(" Accessed at " + FI.LastAccessTime );
```
D. string str=@"c:\windows\MyFile.xml";
```
FileInfo FI = new FileInfo (str);
FI.Open (FileMode.Open, FileAccess.Read);
Console.WriteLine("Filename " + FI.FullName );
Console.WriteLine(" Created at " + FI.CreationTime );
Console.WriteLine(" Accessed at " + FI.LastAccessTime );
```

Answer: A,C,D

QUESTION NO: 118

Allen works as a Software Developer for ABC Research Center. This research center has its subsidiaries in different cities. Allen wants to retrieve a Soil Test Report for the Geological Survey Department. He wants the test report to be available to all the members of the department over the Internet. He creates an XML Web service named SampleReport. SampleReport contains a Web method named SoilTestDetails that requires additional security. Allen decides to use generic rolebased security to secure the SoilTestDetails method from unauthorized users.

Allen writes code to ensure that once a user is authenticated, a user identity named Generic is created. The Generic user identity has a group membership named GeoSurvey to allow the authenticated users access to the SoilTestDetails Web method. Which of the following code segments should Allen use to accomplish the task?

A. Dim GenIdentity As GenericIdentity = New GenericIdentity("Generic", "Custom")
Dim GesRoles() As String= {"GeoSurvey"}
Dim GeoPrincipal As GenericPrincipal = New GenericPrincipal(GenIdentity, GeoRoles)
Thread.CurrentPrincipal = GeoPrincipal
B. Dim GeoIdentity As IIdentity = New GenericIdentity("Generic", "GeoSurvey")
Dim GeoPrincipal As IPrincipal = New WindowsPrincipal((WindowsIdentity) GeoIdentity)
Thread.CurrentPrincipal = GeoPrincipal
C. Dim GeoIdentity As IIdentity = New GenericIdentity("Generic", "Custom")
Dim WinGeoIdentity As WindowsIdentity = (WindowsIdentity) GeoIdentity
Dim GeoRoles() As String = {"GeoSurvey"}
Dim GenGeoPrincipal As GenericPrincipal = New GenericPrincipal(WinGeoIdentity, GeoRoles)
WindowsIdentity.Impersonate(WinGeoIdentity.Token)
D. Dim MyGenericIdentity As System.Security.Principal.IIdentity = New GenericIdentity("Generic", "Custom")
Dim GeoRoles() As String = {"GeoSurvey"}
GenericPrincipal GenGeoPrincipal = new GenericPrincipal(MyGenericIdentity, GeoRoles);
MyGenericIdentity = WindowsIdentity.GetCurrent();

Answer: A

QUESTION NO: 119

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.

The application rarely experiences errors that cannot be reproduced on a test environment. You are required to ensure that the application meets the following requirements:

l All unanticipated errors are logged.

l Logging is configured with a least amount of alteration to the application code.

What will you do?

A. Override the base class for all forms in the application to add the Try/Catch blocks to all the major functionalities.
B. Enable the <customErrors> element in the Web.config file and set the mode attribute to On .
C. Enable the <customErrors> element in the Web.config file and set the mode attribute to RemoteOnly.
D. Add an event handler for the Application.Error event to the Global.asax file of the applicatio n.

Answer: D

QUESTION NO: 120

You work as a Software Developer for ABC Inc. The company uses Visual Studio .NET 2008 as its application development platform. You have recently finished the development of an ASP.NET Web application using .NET Framework 3.5. The application must be deployed by using the http://www.ABC.com/ URL. The application has several Web forms.

You need to implement Really Simple Syndication (RSS) feeds functionality. The RSS feeds will be used by the http://www.ABC.com/Updates.rss URL. You must ensure that the application displays the RSS-formatted information when accessing the given URL. What will you do to accomplish this?

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

A. Create and register a custom HttpHandler class that releases the RSS feeds.
B. Create a Web form named Updates that releases the RSS feeds.
C. Create an ASMX Web service component named Updates.
D. Add the HttpHandler class to the .rss extension.

E. Create and register a custom HttpModule class.

Answer: A,D

QUESTION NO: 121

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

Answer: B

QUESTION NO: 122

You work as a Software Developer for ABC Inc. The company uses Visual Studio.NET 2005 as its application development platform. You create a Web service using .NET Framework 2.0. You want the Web service to utilize a two step process to map XML generated by Web methods to .NET objects. What will you do to accomplish the task?

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

A. Use deserialization
B. Use serialization
C. Use Marshal-by-ref objects
D. Use Marshal-by-value objects

Answer: A,B

QUESTION NO: 123

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 Web services using the .NET Framework. The access control to Web services is part of your accountability. You are

currently revealing an existing class as a XML Web service. You are required to ensure that the XML Web service is exclusively accessible to Web service clients within the ABC Inc. domain. To fulfill this requirement you want to change the access modifiers on methods that must be represented as Web methods. What will you do to accomplish this task?

A. Use the Public access modifier for each Web method.
B. Use the Private access modifier for each Web method.
C. Use the Internal or Friend access modifier for each Web method.
D. Use the Protected access modifier for each Web method.

Answer: A

QUESTION NO: 124

You work as a Web Application Developer for ABC Inc. The company uses Visual Studio .NET as its application development platform. You create a Web application using .NET Framework 2.0. You add a Web Form that contains a button named bCancel. The button allows users to exit the form. When users click the button, validation should not occur. However, during testing you find that clicking the button does not allow users to exit the form. You need to ensure that users can always exit the page. What will you do?

A. Set the CausesValidation property of the bCancel button to false.
B. Set the AccessibleName property of the validation controls on the Web Form to "false".
C. Set the ControlToValidate property of the validation controls on the Web Form to the ID of the control.
D. Set the Enabled property of the validation controls on the Web Form to false.

Answer: A

QUESTION NO: 125

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 the .NET Framework 3.5. The application stores sensitive profile data in a MS SQL Server 2008 database. You are required to make sure that the profile data never stored in clear text. What will you do?

A. Create a strongly typed custom ProfileProvider class. In the ProfileProvider class, encrypt the provided information before storing it in the database.
B. Use the ASP.NET IIS Registration Tool to encrypt the connection string to connect to the SQL Server database.
C. Create a custom profile provider. In the custom provider, encrypt the provided information

before storing it in the database.
D. Enable the SSL encryption for the SQL Server connections.

Answer: C

QUESTION NO: 126

Allen works as a Software Developer for ManSoft Inc. He develops an application using Visual Studio .NET 2005. Only the employees of the company use the application. Allen wants to ensure that when a request on a page is made by a user the application asks for his authentication. Which of the following actions will Allen take to accomplish the task?

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

A. Specify User.Identity to authenticate the user.
B. Set the impersonate attribute of the <identity> element to true.
C. Specify the username and password attributes.
D. Set the impersonate attribute of the <identity> element to false.

Answer: B,C

QUESTION NO: 127

George works as a Software Developer for GenTech Inc. He creates an application named App1 using Visual Studio .NET. App1 uses the version 2.0.0.0 of an assembly named Assembly1. However, he wants App1 to use a new version i.e. 2.1.0.0 of Assembly1. Therefore, he needs to specify Assembly1's location so that App1 can use version 2.1.0.0 of Assembly1. What will George use to accomplish the task?

Each correct answer represents a complete solution. Choose all that apply.

A. An unmanaged code.
B. A managed code.
C. The <probing> element.
D. The <codeBase> element.

Answer: C,D

QUESTION NO: 128

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 deployed on an intranet server of the company. You require that the application meets the following requirements:

l Users can log on to the application by using their Active Directory credentials.

l Each Web page in the application must display user name and password controls for an unauthenticated user.

What will you do to accomplish this?

A. Use Forms authentication and use the SqlMembershipProvider class.
B. Use Forms authentication and use the ActiveDirectoryMembershipProvider class.
C. Use Windows authentication and enable impersonation.
D. Use Windows authentication and disable impersonation.

Answer: B

QUESTION NO: 129

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. PPTP
C. FTP
D. PGP

Answer: D

QUESTION NO: 130

You work as a Web Application Developer for SunInfo Inc. The company uses Visual Studio 2008 as its application development platform. You create a Web application using .NET Framework 3.5. You want to ensure that when an unhandled exception occurs on the site, a custom error page errorpage.aspx is displayed. Also, you want to ensure that when the HTTP 500 error occurs, the servererror.aspx page is displayed. Which of the following settings will you add inside the system.web section of the Web.config file to accomplish the task?

A. <compilation debug="true">
</compilation>
B. <customErrors defaultRedirect="errorpage.aspx" mode="on">
<error statusCode="500" redirect="servererror.aspx"/>
C. <customErrors defaultRedirect="servererror.aspx" mode="on">
<error statusCode="500" redirect="errorpage.aspx"/>
D. <trace enabled="true" localOnly="false" />

Answer: B

QUESTION NO: 131

You work as a Software Developer for ManSoft Inc. You use C# .NET to create an assembly named TestAssembly that will be used by other applications, including a standard COM client application. You must deploy the assembly on the COM application to a client computer. You must ensure that the COM applications can instantiate components within the assembly as COM components. Which of the following options will you use to accomplish this task?

A. Generate a registry file for the assembly by using the Assembly Registration Tool (Regasm.exe) and register the file on the client computer.
B. Deploy the assembly to the global assembly cache on the client computer.
Add a reference to the assembly in the COM client application.
C. Create a strong name of the assembly by using the Strong Name tool(Sn.exe).
D. Generate a type library for the assembly by using the Type Library Importer (Tlbimp.exe) and register the file on the client computer.

Answer: A

QUESTION NO: 132

You work as a .NET Trainer for ABC Inc. The Company uses .NET Framework as its application development platform. You are creating an application to demonstrate the use of datatypes. You create an unsigned Short datatype in the application. Which of the following values can be assigned to the unsigned Short datatype?

Each correct answer represents a complete solution. Choose three.

A. 123
B. 65,535
C. 127,625
D. 32,636

E. -123

Answer: A,B,D

QUESTION NO: 133

John works as a Software Developer for InfoTech Inc. He develops an application named

SerializeObj. He creates a custom class and wants to serialize its object. He also wants the object to be stored into an XML file named File1.xml. He writes the following code: public class Employees

{

public string EmpID;

public string EmpName;

public decimal Salary;

}

Which of the following code statements will John add in the application?

A. XmlSerializer ObjectSerializer = new XmlSerializer(typeof(Employees), ObjectTypes);
B. XmlSerializer ObjectSerializer = new XmlSerializer(typeof(Employees));
C. XmlSerializer ObjectSerializer = new XmlSerializer(Employees);
D. XmlSerializer ObjectSerializer = new XmlSerializer();

Answer: B

QUESTION NO: 134

Mark works as a Software Developer for Mansoft Inc. He develops an application using Visual

Studio .NET 2005. He writes the following code snippet in the application:

public class MyClass

{

public static void Main(String[] args)

```
{

try

{

return;

}

finally

{

Console.WriteLine("Finally");

}

}

}
```

What will happen when Mark attempts to compile and execute the code snippet?

A. The code snippet will compile successfully and the output will be displayed as "Finally".
B. The code snippet will compile successfully, but an exception message will be displayed at ru ntime.
C. A compile-time error will occur because the catch block is not defined.
D. The code snippet will compile successfully, but nothing will be displayed as output on execu tion.

Answer: A

QUESTION NO: 135

David works as a Software Developer for McRobert Inc. He develops a Web application named App1 using Visual Studio .NET. App1 contains several Web forms that display information about an online shopping process. David wants to provide a Web-based shopping catalog to users. However, he wants to ensure that the information about the shopping catalog is secure and requires no server resources.

What will David do to accomplish the task?

A. Use a query string as a user preference.
B. Use a session state variable as a user preference.

C. Use an application state variable as a user preference.
D. Use a session cookie as a user preference.

Answer: D

QUESTION NO: 136

Allen works as a Software Developer for ABC Inc. He creates an application using Visual Studio .NET 2005. He wants to ensure that the application must manage state effectively. State is how data is moved and persisted throughout the layers of the application. There are number of factors to validate state management. Which of the following factors will he consider to accomplish the task?

Each correct answer represents a part of the solution. Choose all that apply.

A. State persistence
B. Saving state
C. Caching
D. Shared state
E. View state

Answer: A,B,C,D

QUESTION NO: 137

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 an application using .NET Framework 2.0. The application has multiple threads that execute one after another. You want to modify the application and schedule the threads for execution based on their assigned priority. What will you do to accomplish the task?

Each correct answer represents a complete solution. Choose all that apply.

A. Use the Highest priority.
B. Use the BelowNormal priority.
C. Use the Normal priority.
D. Use the Middle priority.
E. Use the Lowest priority.

Answer: A,B,C,E

QUESTION NO: 138

Smith works as a Software Developer for BlueWell Inc. He develops a Web application named WebApp by using Visual Studio .NET. He wants to deploy WebApp on a target computer. He wants to take precautionary measures in the application so that no issues may arise while deploying it. Which of the following measures will Smith take to accomplish the task?

Each correct answer represents a complete solution. Choose all that apply.

A. Organize data in the application configuration files.
B. Use a tracing feature to trace and gather information about each step in the program execution.
C. Use a technique to avoid errors and to store error-related information.
D. Use a debugger to step through the application code while it is running.
E. Respond to health monitoring events in order to log performance and error-related conditio ns.

Answer: B,C,D,E

QUESTION NO: 139

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 are not using an exception handling framework in the application. However, the application must automatically log all unhandled exceptions to an event log. You are required to configure the Web.config file accordingly. Which of the following configurations will you use to accomplish the task?

A. <healthMonitoring enabled="true"/>
B. <customErrors mode="On"/>
C. <trace enabled="true"/>
D. <deployment retail="true"/>

Answer: A

QUESTION NO: 140

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. You write the following code snippet to call a method from the Win32 API by using PInvoke:

int rst = MessageBox(hWd, Mytext, Mycaption, Mytype);

You are required define a method prototype. Which of the following code segments will you use to accomplish this task?

A. [DllImport("user32")] extern int MessageBoxA(int hWd, String Mytext, String Mycaption, uint Mytype);
B. [DllImport("user32")] extern int Win32API_User32_MessageBox(Int hWd, String Mytext, String Mycaption, uint Mytype);
C. [DllImport("user32")] extern int MessageBox(int hWd, String Mytext, String Mycaption, uint Mytype);
D. [DllImport("C:\\WINDOWS\\system32\\user32.dll")] extern int MessageBox(int hWd, String Mytext, String Mycaption, uint Mytype);

Answer: C

QUESTION NO: 141

You work as a Windows Application Developer for ABC Inc. The company uses Visual Studio .NET 2008 as its application development platform. You are creating a Windows Forms application using .NET Framework 3.5. You need to develop a new control for the application. You must ensure that the control inherits the TreeView control by adding a custom node tag and a highlight color. What will you do?

A. Write a code segment in the DrawNode event handler to give the highlight color.
B. Override the OnPaint method.
C. Set the control's DrawMode property to OwnerDrawText, and then implement a custom DrawNode event handler.
D. Set the control's DrawMode property to OwnerDrawAll, and then implement a custom DrawNode event handler.

Answer: C

QUESTION NO: 142

You work as a Software Developer for HiTech Inc. You develop a Web application named

MyWebApp. The application contains several Web pages that display a registration form for a user. You want to perform user input data validation at the server-side, so that you can disable the client-side data input validation. Which of the following actions will you take to accomplish the task?

A. Set the CausesValidation property of a server control to false.
B. Set the Enabled property of a validation control to true.
C. Set the Enabled property of a validation control to false.
D. Set the EnableClientScript property of a validation control to true.
E. Set the EnableClientScript property of a validation control to false.

Answer: E

QUESTION NO: 143

You work as a Software Developer for ABC Inc. The company uses Visual Studio .NET as its application development platform. You create a method to call a COM component using the .NET Framework. You want to use declarative security to request the runtime to run a complete stack walk. You need to ensure that all callers be obliged to level of trust for COM interop before the callers execute the method. Which of the following attributes will you place on the method to accomplish the task?

A. [SecurityPermissionSecurityAction.LinkDemand,
Flags=SecurityPermissionFlag.UnmanagedCode)]
B. [SecurityPermission(SecurityAction.Deny,
Flags = SecurityPermissionFlag.UnmanagedCode)]
C. [SecurityPermission(SecurityAction.Demand,
Flags=SecurityPermissionFlag.UnmanagedCode)]
D. [SecurityPermission(SecurityAction.Assert,
Flags = SecurityPermissionFlag.UnmanagedCode)]

Answer: C

QUESTION NO: 144

You work as a Software Developer for Webtech Inc. You plan to migrate the existing *Active Server Pages (ASP)* pages to *ASP.NET Web pages* in order to implement rich functionalities of a Web browser in your Web pages. Therefore, you want to add controls to Web pages of your existing application named WebApp1. Which of the following controls will be most suitable to implement?

A. HTML server controls
B. Web server controls
C. Validation controls
D. HTML controls

Answer: B

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QUESTION NO: 145

You work as an Application Developer for ABC Inc. The company uses Visual Studio.NET 2005 as its application development platform. You are creating an application that will match the location in a given string. You need to ensure that the match must begin at either the first character of the given string or the last character of a line in the string. Which of the following characters will you use to accomplish the task?

A. \A
B. $
C. ^
D. \Z

Answer: C

QUESTION NO: 146

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 any single character except "\n". Which of the following wildcard characters will you use to accomplish the task?

A. x/y
B. +
C. ?
D. .

Answer: D

QUESTION NO: 147

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 is used to map HTTP requests to HTTP handlers based on a file

name extension. You need to ensure that each HTTP handler processes individual HTTP URLs or groups of URL extensions in the application.

Which of the following built-in HTTP handlers will you use to accomplish this task?

Each correct answer represents a part of the solution. Choose all that apply.

A. Generic Web handler (*.ashx)
B. Generic handler (*.ashx)
C. Web service handler (*.asmx)
D. ASP.NET page handler (*.aspx)
E. Trace handler (trace.axd)

Answer: A,C,D,E

QUESTION NO: 148

You work as a Software Developer for ABC Inc. The company uses Visual Studio.NET as its application development platform. You need to read the entire contents of a file named Msg.txt into a single string variable using .NET Framework. Which of the following code segments will you use to accomplish the task?

A. string NewResult = string.Empty;
StreamReader Strreader = new StreamReader("Msg.txt");
While (!Strreader.EndOfStream) {
NewResult += Strreader.ToString();
B. string NewResult = null;
StreamReader Strreader = new StreamReader("Msg.txt");
NewResult = Strreader.ReadLine();
C. string NewResult = null;
StreamReader Strreader = new StreamReader("Msg.txt");
NewResult = Strreader.ReadToEnd();
D. string NewResult = null;
StreamReader Strreader = new StreamReader("Msg.txt");
NewResult = Strreader.Read().ToString();

Answer: C

QUESTION NO: 149

Jerry works as a Web Developer for Soft Solutions Inc. He creates an assembly named

MyAssembly so that it can be shared among several existing client applications. He verifies that MyAssembly can be installed into the global assembly cache of the client computer. However, he does not want to use a Windows setup for installing the assembly. Which of the following actions should Jerry take to install the assembly into the global assembly cache?

Each correct answer represents a complete solution. Choose two.

A. Use the Global Assembly Cache (Gacutil.exe) tool.
B. Use Windows Explorer.
C. Use the .NET Framework Configuration tool.
D. Use Microsoft Windows Installer 2.0.

Answer: A,D

QUESTION NO: 150

You work as a Software Developer for ABC Inc. The company uses Visual Studio.NET as its application development platform. You create an application using the .NET Framework. You need to use the regular expressions to provide a concise and flexible means for identifying strings of text of interest, such as particular characters, words, or patterns of characters. Which operation will you use to construct the regular expressions?

Each correct answer represents a complete solution. Choose all that apply.

A. Quantification
B. Grouping
C. Alternation
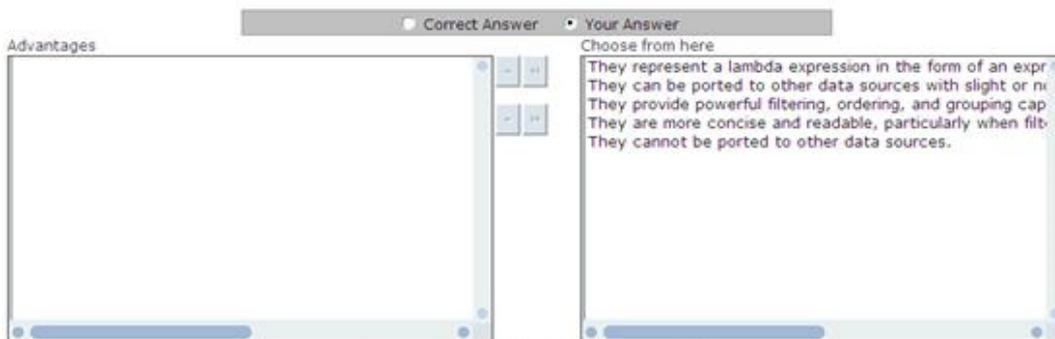**D.** Phishing

Answer: A,B,C

QUESTION NO: 151

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 names for the application with three characters that are either "hat" or "cat". Which of the following regular expressions will you use to accomplish the task?

A. [hc]at$
B. ^[hc]at
C. [hc]at

D. .at

Answer: C

QUESTION NO: 152

You work as a Software Developer for ABC Inc. The company uses Visual Studio .NET 2005 as its application development platform. You have created an application for the company. The application uses string concatenation to gather data from multiple email messages, and format the data before displaying it. You want to ensure that the data displays as quickly as possible. Which of the following actions will you take to accomplish the task?

A. Write code that uses the Concat() method of the String object.
B. Write code that uses the Substring() method of the String object.
C. Write code that uses the plus-sign (+) operator to concatenate the strings.
D. Write code that uses the Append() method of the StringBuilder object.

Answer: D

QUESTION NO: 153

You work as a Web Application Developer for SunInfo Inc. The company uses Visual Studio 2008 as its application development platform. You create a Web application using .NET Framework 3.5. You use foreach loops to retrieve data from a collection. Now, you want to use LINQ queries instead of foreach loops. Choose the advantages of using LINQ queries over foreach loops.

A.

Answer: A

QUESTION NO: 154

You work as a Software Developer for ABC Inc. The company uses Visual Studio .NET 2005 as its application development platform. You are developing an application that manages sports teams. When a user queries details about a particular team, the id and name of each member of the team must be stored as a single collection. You must create the collection of team members in the most efficient manner, in a manner that guarantees type safety, and in a manner that will require the least amount of code to retrieve and work with the data in the collection. Which code segment should you choose?

A. string[] team = new string[] {
"1, Bob Jones",
"2, Jim Smith", "3, Shannon Horn",
"4, Brandon Searles", "5, Jack Hill",
"6, Brian Kirkland", "7, Sean Calahan",
"8, Mark Banker"};
B. ArrayList team = new ArrayList();
team.Add("1, Bob Jones");
team.Add("2, Jim Smith");
team.Add("3, Shannon Horn");
team.Add("4, Brandon Searles");
team.Add("5, Jack Hill");
team.Add("6, Brian Kirkland");
team.Add("7, Sean Calahan");
team.Add("8, Mark Banker");
C. Hashtable team = new Hashtable();
team.Add(1, "Bob Jones");
team.Add(2, "Jim Smith");
team.Add(3, "Shannon Horn");
team.Add(4, "Brandon Searles");
team.Add(5, "Jack Hill");
team.Add(6, "Brian Kirkland");
team.Add(7, "Sean Calahan");
team.Add(8, "Mark Banker");
D. Dictionary<int, string> team = new Dictionary<int, string>();
team.Add(1, "Bob Jones");
team.Add(2, "Jim Smith");
team.Add(3, "Shannon Horn");
team.Add(4, "Brandon Searles");
team.Add(5, "Jack Hill");
team.Add(6, "Brian Kirkland");
team.Add(7, "Sean Calahan");
team.Add(8, "Mark Banker");

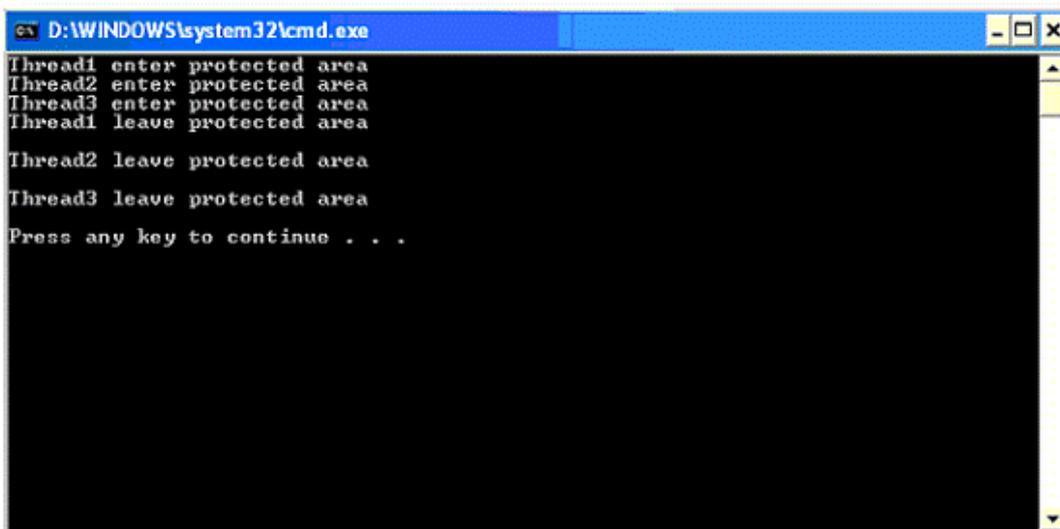**Answer: D**

QUESTION NO: 155

Holmes works as a Programmer for HiTech Institute. He develops an ASP.NET application named LibraryRecord by using Visual Studio .NET. The LibraryRecord application uses a SQL Server database named Database1. Database1 contains two tables: Students and Books. The Students table comprises three columns: StudentID, StudentName, and BookID. The Books table comprises two columns: BooksID and BooksName. Holmes creates a stored procedure that returns the records of all students who borrowed books from the institute. What will Holmes do to retrieve the records of the issued books most efficiently?

A. Use the INNER JOIN keyword in his query.
B. Use the INNER JOIN keyword more than once in his query.
C. Use the LEFT OUTER JOIN keyword in his query.
D. Use the WHERE clause in his query.

Answer: D

QUESTION NO: 156

You work as a Software Developer for ManSoft Inc. The company uses Visual Studio .NET 2005 as its application development platform. You create an application named MyApplication using Visual C# .NET. You use the Mutex class for synchronization among threads. You create three threads to enter the protected area one by one. This means that if one thread is already in the protected area, no other thread is allowed to enter in the protected area. When you execute the application, it gives the following output:

As you can see in the above code window, all the three threads enter the protected area at the

same time. Drag and drop the appropriate statements that will allow the threads to enter the protected area one by one.

```
                      ◯ Correct Answer   ◉ Your Answer
private static void MyThreadProcess(){
    for (int i=0; i<1;i++){
        UseResource();
    }   }
private static void UseResource(){
            Statement 1
    Console.WriteLine("(0) enter protected area", Thread.CurrentThread.Name);
    Thread.Sleep(500);
    Console.WriteLine("(0)  leave protected area\r\n", Thread.CurrentThread.Name);
            Statement 2
}

private static Mutex mut= new Mutex();
static void Main(string[] args){
    for (int i=1;i<=3;i++){
        Thread myThread=new Thread(new ThreadStart(MyThreadProcess));
        myThread.Name=String.Format("Thread(0)",i);
        myThread.Start();
    }   }

  mut.WaitOne();    Mutex.WaitOne();    mut.Release();    Mutex.Release();    mut.ReleaseMutex();
```

A.

Answer: A

QUESTION NO: 157

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.

Answer: B

QUESTION NO: 158

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 are creating an application using .NET Framework 2.0. The application will be used by all the branches of the company. You are using the CompareInfo class for culture-sensitive string comparisons. You write the following code in the application:

String s1 = "C rtify";

String s2 = "c rtify";

String s3 = "c rtify";

You need to compare the s1 string with the s2 string and ensure that the string comparison must ignore case. Which of the following code segments will you use to accomplish the task?

A. CompareInfo cmp = CultureInfo.InvariantCulture.CompareInfo;
Console.WriteLine(cmp.Compare(s1, s2, CompareOptions.Ordinal));
B. CompareInfo cmp = CultureInfo.InvariantCulture.CompareInfo;
Console.WriteLine(cmp.Compare(s1, s2, CompareOptions.None));
C. CompareInfo cmp = CultureInfo.InvariantCulture.CompareInfo;
Console.WriteLine(cmp.Compare(s1, s2, CompareOptions.IgnoreCase));
D. CompareInfo cmp = CultureInfo.InvariantCulture.CompareInfo;
Console.WriteLine(cmp.Compare(s1, s2, CompareOptions.OrdinalIgnoreCase));

Answer: C

QUESTION NO: 159

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

Answer: B

QUESTION NO: 160

You work as a Software Developer for ABC Inc. You create a SQL server database named DATA1 that will manage the payroll system of the company. DATA1 contains two tables named EmployeeData and Department. While EmployeeData records detailed information of the employees, Department stores information about the available departments in the company. EmployeeData consists of columns that include EmpID, EmpName, DtOBrth, DtOJoin, DeptNo, Desig, BasicSal, etc. You want to ensure that each employee ID is unique and is not shared between two or more employees. You also want to ensure that the employees enter only valid department numbers in the DeptNo column. Which of the following actions will you perform to accomplish the task?

Each correct answer represents a part of the solution. Choose all that apply.

A. Define views in the database.
B. Add constraints to the EmployeeData table.
C. Define triggers in the EmployeeData table.
D. Define indexes in the EmployeeData table.
E. Add stored procedures by using Transact-SQL queries.

Answer: A,B,D,E

QUESTION NO: 161

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. 91. The application uses ASP.NET AJAX, and you need to deploy it in a Web

farm environment. You are required to configure SessionState for the application. Which of the following code segments will you use to accomplish this task?

A. <sessionState mode="InProc" cookieless="UseDeviceProfile"/>
B. <sessionState mode="InProc" cookieless="UseCookies"/>
C. <sessionState mode="SQLServer" cookieless="UseUri" sqlConnectionString="Integrated Security=SSPI;data source=MySqlServer;"/>
D. <sessionState mode="SQLServer" cookieless="false" sqlConnectionString="Integrated Security=SSPI;data source=MySqlServer;"/>

Answer: D

QUESTION NO: 162

You work as a Software Developer for Mansoft Inc. You create an application and use it to create code access security policies. Which of the following tools will you use to examine and modify code access security policies from a batch file?

A. GacUtil.exe
B. StoreAdm.exe
C. Caspol.exe
D. Tlbimp.exe
E. Sn.exe

Answer: C

QUESTION NO: 163

Sam works as a Software Developer for GenTech Inc. He deploys an ASP.NET application on a server. When an error occurs, users are redirected to a custom error page that is specified in the Web.config file. Users report that a particular page repeatedly generates errors. Sam wants to gather detailed information about the error on this page. He also wants to ensure that users continue to be redirected to the custom error page, if the requested pages generate errors. What will Sam do to accomplish this?

A. In the Web.config file, set the mode attribute of the customErrors element to RemoteOnly. Access the page from a browser on the server.
B. Modify the Web.config file to include the following element:
<trace enabled="true" LocalOnly="false" PageOutput="true"/>
Access the application from a browser on a client computer.
C. In the Web.config file, set the mode attribute of the customErrors element to RemoteOnly.

Access the page from a browser on a client computer.

D. Modify the @ Page directive so that the Trace and the LocalOnly attributes are set to true. Access the page from a browser on the server.

Answer: A

QUESTION NO: 164

John works as a Web Developer for ABC Inc. He develops an ASP.NET application, named MyApp1, using Visual Studio .NET. The application will be used in the Sales department to generate monthly reports. The company uses Microsoft Windows authentication. All users are in the TESTPRO1 domain. John wants to ensure that all users except Mark, Roger, and David are allowed to access the application. Which of the following code will he use in the application's *Web.config* file to accomplish the task?

A. <authorization>
<allow users="*" />
<deny users="TESTPRO1\Mark, TESTPRO1\Roger, TESTPRO1\David" />
</authorization>
B. <authorization>
<allow users="TESTPRO1\Mark, TESTPRO1\Roger, TESTPRO1\David" />
<deny users="*" />
</authorization>
C. <authorization>
<deny users="TESTPRO1\Mark", "TESTPRO1\Roger", "TESTPRO1\David" />
<allow users="*" />
</authorization>
D. <authorization>
<deny users="TESTPRO1\Mark, TESTPRO1\Roger, TESTPRO1\David" />
<allow users="*" />
</authorization>

Answer: D

QUESTION NO: 165

Ryan works as a Software Developer for Mansoft Inc. He creates an ASP.NET Web application named MyWebApplication using Visual Studio .NET 2005. MyWebApplication performs validation on XML files in a directory. Whenever a new XML file appears in the directory, MyWebApplication opens the file, checks it for validation, and updates it accordingly. Ryan wants to ensure that each update performed on XML files is logged in the Web application log. He creates a String object named Var1, to store the message to be logged. Which of the following will he use to accomplish

the task?

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

A. The Trace.WriteLine method
B. The EventLog.WriteEntry method
C. The EventLog.EventLogSource property
D. The EventLog.Source property

Answer: B,D

QUESTION NO: 166

Nick works as a Programmer for ES International Ltd. The company is a manufacturer and a dealer of new cars. This year, the annual sales report of the company showed that the sale of its Escort car model dropped significantly. To lower the inventory of the Escort car model, the company management finally decided to give a 25 to 30 percent discount on the Escort model. Nick receives an XML document that contains a list of the company's car models. Nick wants to load the incoming XML document into a memory stream. He also needs to use another XML document. Which of the following methods will he use to accomplish this task?

Each correct answer represents a complete solution. Choose two.

A. LoadXml()
B. WriteTo()
C. Load()
D. ImportNode()

Answer: C,D

QUESTION NO: 167

Peter works as a Software Developer for PatSoluTech Inc. He creates a .NET *assembly* using Visual Studio .NET. He wants to use this *assembly* in multiple .NET applications on a local computer. He decides to deploy the *assembly* into the *global assembly cache* (GAC). What will he do to accomplish the task?

Each correct answer represents a complete solution. Choose two.

A. Set the public attribute for the assembly.
B. Register the assembly within the GAC using Gacutil.exe.

C. Register the assembly within the GAC using Regasm.exe.
D. Give a strong name to the assembly.

Answer: B,D

QUESTION NO: 168

Perry works as a Web Developer for BlueWell Inc. He creates a catalog application named MyCatalog for a server using Visual Studio .NET. MyCatalog contains data that describes the pricing values of design catalogs. He wants to ensure that only authenticated users are authorized to access the data. He also wants the data to be secured at the highest level of authentication. Which of the following authentication levels will Perry use to accomplish this?

A. Packet Privacy
B. Packet Integrity
C. Packet
D. Call

Answer: A

QUESTION NO: 169

You work as a Web Application Developer for SunInfo Inc. The company uses Visual Studio 2008 as its application development platform. You create a Web application using .NET Framework 3.5. Your application has a form that accepts a user name and email address. You want to validate the input text for the email address by matching against a pattern defined in the regular expression.

Which of the following validation controls will you use to accomplish the task?

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

Answer: A

QUESTION NO: 170

Sandra works as a Software Developer for ABC Inc. She develops an application named MyApp

that contains a data-bound control named MyDataControl. She wants to use an Oracle database in order to bind data to MyDataControl. Which of the following GUI-based data sources will Sandra use to accomplish the task?

A. AccessDataSource
B. SqlDataSource
C. ObjectDataSource
D. XmlDataSource
E. SitemapDataSource

Answer: B

QUESTION NO: 171

Roger works as a Software Developer for BlackWell Inc. He develops an application, named MyApplication1, using Visual Studio .NET. The application contains a form, named MyForm1, which will be used to set a password for a user. A password allotted to a user will be case-sensitive. MyForm1 contains several controls including two TextBox controls, named txtPassword and txtConfirm, respectively. The txtMyPassword control is used to accept a string from a user. The string entered in txtPasword will be used as the password for the user. In txtConfirm, the user has to retype the string that he enters in txtPassword. This will ensure that there are no typing errors. MyForm1 also contains a Button control, named cmdSetPassword, which when clicked will set the password for the user.

Before setting the password for a user, Roger wants to ensure that the two text boxes contain the same string. In order to accomplish this, he decides to use the *StrComp* function. The password for a user can only be set if the StrComp function returns 0. He has not used an *Option Compare* statement in the code. Which of the following statements can Roger use to compare the two strings?

Each correct answer represents a complete solution. Choose two.

A. StrComp(txtPassword.Text, txtConfirm.Text, CompareMethod.Binary)
B. StrComp(txtPassword.Text, txtConfirm.Text, CompareMethod.Text)
C. StrComp(txtPassword.Text, txtConfirm.Text, CompareMethod.CaseSensitive)
D. StrComp(txtPassword.Text, txtConfirm.Text)

Answer: A,D

QUESTION NO: 172

Mark works as a Software Developer for CyberNet Inc. He develops a serviced component, named MyComponent1, using Visual Studio .NET. MyComponent1 uses a SQL Server database. In the code, Mark uses the *ExecuteNonQuery* method of the *SqlCommand* class to execute a Transact- SQL statement. Which of the following values will the ExecuteNonQuery method return?

A. A string type value
B. A boolean type value
C. An integer type value
D. A double type value

Answer: C

QUESTION NO: 173

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 uses Session objects. You are changing the application to run on a Web farm. You want to make sure that the application can access the Session objects from all the servers in the Web farm. You also make sure that when any server in the Web farm restarts or stops responding, the Session objects are not lost. What will you do?

A. Use InProc Session Management mode to store session data in the ASP.NET worker process
B. Use StateServer Session Management mode to store session data in a common State Server process on a Web server in the Web farm
C. Use SQLServer Session Management mode to store session data in an individual database for each Web server in the Web farm
D. Use SQLServer Session Management mode to store session data in a common Microsoft SQL Server 2005 database

Answer: D

QUESTION NO: 174

You work as a Software Developer for ABC Inc. You develop a Windows-based application named MyApp. The application contains a form named MyForm1 that displays a submit form for registered users. You want to implement a user interface for the application. Which of the following requirements will you consider for the user interface?

Each correct answer represents a complete solution. Choose all that apply.

A. The application saves the user-entered data and checks the integrity of the data.
B. The application components are allowed to handle logging of user-entered data.
C. The user-entered data are validated through the validation checks applied in the Windows Forms controls.
D. Users are allowed to enter data in the required fields on the form.

Answer: C,D

QUESTION NO: 175

You work as an ADO.NET Application Developer for ABC Inc. The company uses Microsoft Visual Studio .NET 2008 as its application development platform. You create an ADO.NET application by using .NET Framework 3.5. You need to represent a strongly typed lambda expression as a data structure in the form of an expression tree. Which of the following classes will you use to accomplish the task?

A. MethodCallExpression
B. LambdaExpression
C. Expression
D. Expression (TDelegate)

Answer: D

QUESTION NO: 176

You work as a Windows Application Developer for ABC Inc. The company uses Visual Studio .NET as its application development platform. You create a Windows application using .NET Framework 2.0. The application provides accessibility features. The forms in the application display a background image. You want to remove the image whenever a user selects Use High Contrast in the Accessibility Options in Control Panel. You are required to add an event to handle this accessibility setting change. Which of the following events will you use to accomplish this task?

A. UserPreferenceChanged

B. StyleChanged

C. ChangeUICues

D. DisplaySettingsChanged

Answer: A

QUESTION NO: 177

Peter works as a Software Developer for PatSoluTech Inc. He develops a Web application using Visual Studio .NET. The application contains an online ordering Web form named WebForm1. WebForm1 contains several Web server controls that include a TextBox control named TextBox1 and an ImageButton control named ImageButton1. He wants data entered in TextBox1 to be validated whenever ImageButton1 is clicked. Which of the following will Peter use to accomplish the task?

A. ImageButton1.CausesValidation

B. ImageButton1.OnClientClick

C. ImageButton1.ValidationGroup

D. ImageButton1.Enabled

Answer: A

QUESTION NO: 178

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 are creating an application using .NET Framework 2.0. You want to authenticate users before using the application. Therefore, you decide to use the authentication method that uses encryption to authenticate users. What will you do to accomplish the task?

A. Use the FileAuthorizationModule class

B. Use the Windows authentication provider

C. Use Forms authentication provider

D. Use Passport authentication provider

Answer: D

QUESTION NO: 179

John works as a Web Developer for ProMetaworks Inc. He creates an ASP.NET application,

named MyApp1, using Visual Studio .NET. MyApp1 contains a page, named Page1. Page1 contains several TextBox controls that accept users' input. John uses several validation controls on the page to validate input controls. He wants to display all the validation error messages on the page in a message box. However, he does not want the validation summary to be displayed inline on the Web page. What will he do to accomplish the task?

A. Add a ValidationSummary control to the page. Set its ShowMessageBox and ShowSummary properties to true.
B. Add a ValidationSummary control to the page. Set its DisplayMode property to MessageBox .
C. Add a ValidationSummary control to the page. Set its ShowMessageBox property to true and ShowSummary property to false.
D. Add a CustomValidator control to the page. Write a custom client-side script function. Set the ClientValidationFunction property of the control to the name of the function.

Answer: C

QUESTION NO: 180

David works as a Software Developer for McRobert Inc. He develops a Windows-based application, named App1, using Visual C# .NET. The application contains a Form control, named Form1. He wants to write code to initialize class-level variables, named Var1, Var2, and Var3, as soon as Form1 is instantiated. Which of the following code will he use to accomplish this?

A. private void Form1_Initialize(System.Object sender, System.EventArgs e)
{
int Var1 = 20;
int Var2 = 40;
int Var3 = 60;
}
B. private void Form1_New(System.Object sender, System.EventArgs e)
{
int Var1 = 20;
int Var2 = 40;
int Var3 = 60;
}
C. private void Form1_Load(System.Object sender, System.EventArgs e)
{
int Var1 = 20;
int Var2 = 40;
int Var3 = 60;
}
D. private void Form1_Create(System.Object sender, System.EventArgs e)
{

```
int Var1 = 20;
int Var2 = 40;
int Var3 = 60;
}
```

Answer: C

QUESTION NO: 181

Ryan works as a Software Developer for Mansoft Inc. He creates an ASP.NET Web application named MyWebApplication using Visual Studio .NET 2005. MyWebApplication performs validation on XML files in a directory. Whenever a new XML file appears in the directory, MyWebApplication opens the file, checks it for validation, and updates it accordingly. Ryan wants to ensure that each update performed on XML files is logged in the Web application log. He creates a String object named Var1, to store the message to be logged. Which of the following will he use to accomplish the task?

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

A. The EventLog.Source property
B. The EventLog.WriteEntry method
C. The Trace.WriteLine method
D. The EventLog.EventLogSource property

Answer: A,B

QUESTION NO: 182

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 Forms

application using .NET Framework 3.5. You need to execute a method named ProcAmount in the background of the application. The method requires that an integer value 101 is passed to it. You are required to pass an integer value 101 to start a background thread. Which of the following code segments should you use?

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

A. ParameterizedThreadStart tStart;
tStart = new ParameterizedThreadStart(ProcAmount);

Thread thd = new Thread(tStart);
B. thd.Start(101);
C. ThreadStart tStart = new ThreadStart(ProcAmount);
Thread thd = new Thread(tStart, 101);
D. thd.Start();

Answer: A

QUESTION NO: 183

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. The application will perform security related operations. You want to manage the role-based security in the application. What will you do to accomplish the task?

A. Use the StackTrace property.
B. Use the Process class.
C. Use the WindowsIdentity class.
D. Use the WindowsPrincipal class.

Answer: D

QUESTION NO: 184

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 are creating an application using .NET Framework 2.0. The application will be used by all the branches of the company. You sometimes require a variable number of arguments to be passed to a method. For example, you may require a sum method, which calculates the total of the numbers passed to it no matter how many numbers are passed. What will you do to accomplish the task?

A. Use the out keyword.
B. Use the base keyword.
C. Use the volatile keyword.
D. Use the params keyword.
E. Use the ref keyword.

Answer: D

QUESTION NO: 185

You work as a Software Developer for ABC Inc. The company uses Visual Studio.NET 2005 as its application development platform. You create a remoting application that provides stock information to customers using .NET Framework. The server component raises an event on the client computer when certain conditions are met. You must ensure that the server raises exactly one event for each client application that is registered for the event. What will you do to accomplish this task?

A. Configure the server class as a SingleCall Activated Object (SAO) and check for duplicate client delegate methods before raising the event.
B. Configure the server class as a Singleton Activated Object (SAO) and check for duplicate client delegate methods before raising the event.
C. Configure the server class as a Client Activated Object (CAO) and override the CreateObjRef method to check for duplicate client delegate methods before raising the event.
D. Configure the server class as a Client Activated Object (CAO) and check for duplicate client delegate methods before raising the event.

Answer: B

QUESTION NO: 186

You work as a Software Developer for ABC Inc. The company uses Visual Studio .NET as its application development platform. You are creating an assembly named Assem1 using .NET Framework. Assem1 contains a public method. The global cache contains a second assembly named Assem2. You need to ensure that the public method is only called from Assem2. Which of the following permission classes will you use to accomplish the task?

A. DataProtectionPermission
B. PublisherIdentityPermission
C. StrongNameIdentityPermission
D. GacIdentityPermission

Answer: C

QUESTION NO: 187

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 is used to map HTTP requests to HTTP handlers based on a file name extension. You need to ensure that each HTTP handler processes individual HTTP URLs or groups of URL extensions in the application. Which of the following built-in HTTP handlers will you use to accomplish this task?

Each correct answer represents a part of the solution. Choose all that apply.

A. Web service handler (*.asmx)
B. Generic handler (*.ashx)
C. Generic Web handler (*.ashx)
D. ASP.NET page handler (*.aspx)
E. Trace handler (trace.axd)

Answer: A,C,D,E

QUESTION NO: 188

Which of the following code snippets is an example of tight encapsulation?

A. protected int x;
protected void fun(){x=5;}
B. int x;
public void fun(){x=5;}
C. public int x;
public void fun() {x=5;}
D. private int x;
public void fun(){x=5;}
E. private int x;
private void fun(){x=5;}

Answer: D

QUESTION NO: 189

John works as a Web Developer for ABC Inc. He develops an ASP.NET application, named MyApp1, using Visual Studio .NET. The application will be used in the Sales department to generate monthly reports. John wants to deploy the application on the company's intranet. The company uses Microsoft Windows authentication. John wants to deny access to all the members

of the Guest1 role. Which of the following attributes will he use in the *<authorization>* element of the application's *Web.config* file to accomplish the task?

A. <deny="Guest1" />
B. <deny users=Guest1("All") />
C. <deny users="Guest1" />
D. <deny roles="Guest1" />

Answer: D

QUESTION NO: 190

You work as a Software Developer for Mansoft Inc. You create an application using Visual Studio .NET 2005. You write code in the application and execute it, but it caused an error. Now, you want to find out the reason that has thrown the exception. Which of the following properties will you use to accomplish this task?

A. Message
B. TraceSwitch
C. Data
D. Source
E. StackTrace

Answer: E

QUESTION NO: 191

You work as an Application Developer for ABC. The company uses Visual Studio .NET Framework 3.5 as its application development platform. You are working on enhancements to an existing WPF application. One problem you have been encountering is that users of the current version routinely enter invalid data, and since the controls use data binding, that data either gets put in the database incorrectly, or in some cases generates a database error. You want to incorporate validation with your data bound controls. Which of the following choices is the best way to accomplish this goal?

A. Use the default error template and implement it when binding the individual controls to the data source.
B. Assign validator controls to each control you wish to validate, and incorporate those in the binding of that control to the data source.
C. Use a custom error template and implement it when binding the individual controls to the data source.

D. Assign validator controls to each control you wish to validate, and set the validation properties to indicate what constitutes valid data.

Answer: C

QUESTION NO: 192

You work as a Software Developer for ABC Inc. You create a Console application to create multiple satellite assemblies. Which of the following statements about *satellite assemblies* are true?

Each correct answer represents a complete solution. Choose all that apply.

A. They do not contain any executable code.
B. They are used to deploy language-specific resources for an application.
C. The Assembly Linker tool is used to compile .resources files into satellite assemblies.
D. An application can have only one satellite assembly.

Answer: A,B,C

QUESTION NO: 193

Julia works as a Software Developer for Mansoft Inc. She develops an application using Visual Studio .NET. The application uses a method named MyMethod, which is located in an unmanaged DLL. Julia wants MyMethod to require the application to allocate unmanaged memory, fill the data, and pass the memory address to the application. She also wants to ensure that on returning from MyMethod, the application de-allocates the unmanaged memory. What will Julia do to accomplish the task?

A. Use the methods of the MemoryStream class.
B. Use the Marshal class.
C. Derive a new class from the Stream class, and override the allocation methods.
D. Use a byte array.

Answer: B

QUESTION NO: 194

Maria works as a Software Developer for BlueWell Inc. She develops an application, named App1, using Visual C# .NET. The application displays employee details from a SQL Server database. Maria wants to use a string *array*, named MyArray, in the application code to store employee names. Which of the following statements will she use to declare MyArray?

A. string MyArray[9] = new string;
B. string[] MyArray = new string[0 to 9];
C. string[] MyArray = new string[9];
D. Option Base 1
string[] MyArray = new string[9];
E. Option Base 0
string[] MyArray = new string[9];

Answer: C

QUESTION NO: 195

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 need to represent a strongly typed lambda expression as a data structure in the form of an expression tree. Which of the following classes will you use to accomplish the task?

A. MethodCallExpression
B. Expression
C. LambdaExpression
D. Expression(TDelegate)

Answer: D

QUESTION NO: 196

You work as a Software Developer for ABC Inc. You have created a console application that uses two threads, named thread1 and thread2. You need to modify the code to prevent the execution of thread1 until thread2 completes its execution. Which of the following steps will you take to accomplish this task?

A. Call the SpinWait() method of thread1.
B. Use a WaitCallBack delegate to synchronize the threads.
C. Call the sleep() method of thread1.
D. Configure thread1 to run at a lower priority.
E. Configure thread2 to run at a higher priority.

Answer: B

QUESTION NO: 197

You work as a Software Developer for Hi-Tech Inc. You develop an application using Visual Studio .NET 2005. You create an unregistered COM DLL file named Com1.dll. You want to use this Com1.dll file in your application code. However, Com1.dll needs to be registered in the Windows Registry before it is used by the application. Which of the following tools will you use to accomplish the task?

A. Wsdl.exe
B. Regsvr32.exe
C. Tlbimp.exe
D. Disco.exe

Answer: B

QUESTION NO: 198

You work as a Web Application Developer for ABC Inc. The company uses Visual Studio .NET as its application development platform. You create a Web application using .NET Framework 2.0. You configure the application at the following levels:

l Root Web

l Web application root directory

l Web site

l Web application subdirectory

In which of the following files will these levels be stored?

A. Manhine.config
B. Proxy auto-config
C. ApplicationName.config
D. Web.config

Answer: D

QUESTION NO: 199

You work as a Software Developer for ABC Inc. You create a Console application named

ConsoleApplication4. You use the System.Security.Cryptography namespace. You want to use the key lengths of 384 bits to 16384 bits. You use RSACryptoServiceProvider class to encrypt and decrypt data. Which of the following code segments will you use to accomplish this task?

Each correct answer represents a part of the solution. Choose all that apply.

A.
```
UnicodeEncoding ByteConverter = new UnicodeEncoding();
byte[] DataToEncrypt = ByteConverter.GetBytes("Encrypt this line for testing");
byte[] encryptData;
byte[] decryptData;
RSACryptoServiceProvider RSA = new RSACryptoServiceProvider();
encryptData = RSA.Encrypt(DataToEncrypt, true);
Console.WriteLine("Encrypted : {0}", ByteConverter.GetString(encryptData));
decryptData = RSA.Decrypt(encryptData,false);
Console.WriteLine("Decrypted : {0}", ByteConverter.GetString(decryptData));
```
B.
```
UnicodeEncoding ByteConverter = new UnicodeEncoding();
byte[] DataToEncrypt = ByteConverter.GetBytes("Encrypt this line for testing");
byte[] encryptData;
byte[] decryptData;
RSACryptoServiceProvider RSA = new RSACryptoServiceProvider();
encryptData = RSA.Encrypt(DataToEncrypt, false);
Console.WriteLine("Encrypted : {0}", ByteConverter.GetString(encryptData));
decryptData = RSA.Decrypt(encryptData,false);
Console.WriteLine("Decrypted : {0}", ByteConverter.GetString(decryptData));
```
C.
```
UnicodeEncoding ByteConverter = new UnicodeEncoding();
byte[] DataToEncrypt = ByteConverter.GetBytes("Encrypt this line for testing");
byte[] encryptData;
byte[] decryptData;
RSACryptoServiceProvider RSA = new RSACryptoServiceProvider();
encryptData = RSA.Encrypt(DataToEncrypt, false);
Console.WriteLine("Encrypted : {0}", ByteConverter.GetString(encryptData));
decryptData = RSA.Decrypt(encryptData,true);
Console.WriteLine("Decrypted : {0}", ByteConverter.GetString(decryptData));
```
D.
```
UnicodeEncoding ByteConverter = new UnicodeEncoding();
byte[] DataToEncrypt = ByteConverter.GetBytes("Encrypt this line for testing");
byte[] encryptData;
```

```
byte[] decryptData;
RSACryptoServiceProvider RSA = new RSACryptoServiceProvider();
encryptData = RSA.Encrypt(DataToEncrypt, true);
Console.WriteLine("Encrypted : {0}", ByteConverter.GetString(encryptData));
decryptData = RSA.Decrypt(encryptData,true);
Console.WriteLine("Decrypted : {0}", ByteConverter.GetString(decryptData));
```

Answer: B,D

QUESTION NO: 200

You work as a Software Developer for ManSoft Inc. The company has several branches worldwide. The company uses Visual Studio.NET 2005 as its application development platform. You create an application that will be used by all the branches of the company. You use the Regex class in the application to validate some strings. You want to search an input string for an occurrence of a regular expression. Which of the following methods of the Regex class will you use to accomplish the task?

A. Matches
B. Match
C. IsMatch
D. Equals

Answer: B

QUESTION NO: 201

You work as a Software Developer for ABC Inc. The company uses Visual Studio .NET 2005 as its application development platform. You are developing an application using .NET Framework 2.0. You are required to use a datatype that will store only the numbers. The numbers should be in positive form and should not be larger than 65,535. Which of the following datatypes will you use to accomplish the task?

Each correct answer represents a complete solution. Choose two.

A. System.UInt16
B. ushort
C. System.Int16
D. int
E. short

Answer: A,B

QUESTION NO: 202

Mark works as a Software Developer for BlueWell Inc. He is required to create a class, named Members. Each element of this class has a unique ID stored in a database field, named Member_ID. Which of the following options will he use to represent Member_ID, while designing the Members class?

A. Event
B. Method
C. Function
D. Property

Answer: D

QUESTION NO: 203

George works as a Software Developer for GenTech Inc. He creates an application named App1 using Visual Studio .NET. App1 uses the version 2.0.0.0 of an assembly named Assembly1. However, he wants App1 to use a new version i.e. 2.1.0.0 of Assembly1. Therefore, he needs to specify Assembly1's location so that App1 can use version 2.1.0.0 of Assembly1. What will George use to accomplish the task?

Each correct answer represents a complete solution. Choose all that apply.

A. The <probing> element.
B. A managed code.
C. The <codeBase> element.
D. An unmanaged code.

Answer: A,C

QUESTION NO: 204

You work as a Software Developer for ABC Inc. You use C# .NET to develop a windows application. The application will implement a role-based authorization scheme that is based on a Microsoft SQL Server database of user names. Users will enter their names in a text box named UserName. You must ensure that users are assigned the supervisor role and the PG role by

default. Which of the following code segments will you use to accomplish this task?

A. GenericIdentity identity =
new GenericIdentity(UserName.Text);
string[] RoleArray = {"Supervisor", "PG"};
WindowsPrincipal principal = new WindowsPrincipal(identity);
B. WindowsIdentity identity =
new WindowsIdentity.GetAnonymous();
string[] RoleArray = {"Supervisor", "PG"};
WindowsPrincipal principal = new GenericPrincipal(identity, RoleArray);
C. GenericIdentity identity =
new GenericIdentity(UserName.Text);
string[] RoleArray = {"Supervisor", "PG"};
GenericPrincipal principal = new GenericPrincipal(identity, RoleArray);
D. WindowsIdentity identity =
new WindowsIdentity.GetCurrent();
string[] RoleArray ={"Supervisor", "PG"};
GenericPrincipal principal = new GenericPrincipal(identity, RoleArray);

Answer: C

QUESTION NO: 205

You work as a Software Developer for ABC Inc. The company uses Visual Studio .NET as its application development platform. You create the definition for a Car class by using the following code segment:

public class Car {

[XmlAttribute(AttributeName = "category")]

public string CarType;

public string model;

[XmlIgnore]

public int year;

[XmlElement(ElementName = "mileage")]

public int miles;

public ConditionType condition;

```
public Car() {

}

public enum ConditionType {

[XmlEnum("Poor")] BelowAverage,

[XmlEnum("Good")] Average,

[XmlEnum("Excellent")] AboveAverage

}}
```

You create an instance of the Car class. You fill the public fields of the Car class as shown in the table below:

Name	Description
CarType	Sedan
Model	Racer
Year	2002
Miles	15000
Condition	AboveAverage

You are required to recognize the XML block that is produced by the Car class after serialization. Which of the following XML blocks represents the output of serializing the Car class?

A. <?xml version="1.0" encoding="utf-8"?>
<Car
xmlns:xsi="http://www.w3.org/2002/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2002/XMLSchema"
category="sedan">
<model>racer</model>
<mileage>15000</mileage>
<condition>Excellent</condition>
</Car>
B. <?xml version="1.0" encoding="utf-8"?>
<Car
xmlns:xsi="http://www.w3.org/2002/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2002/XMLSchema">
<category>sedan</category>
<model>racer</model>
<mileage>15000</mileage>
Excellent

</Car>
C. <?xml version="1.0" encoding="utf-8"?>
<Car
xmlns:xsi="http://www.w3.org/2002/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2002/XMLSchema""
CarType="sedan">
<model>racer</model>
<miles>15000</miles>
<condition>AboveAverage</condition>
</Car>
D. <?xml version="1.0" encoding="utf-8"?>
<Car
xmlns:xsi="http://www.w3.org/2002/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2002/XMLSchema"
category="sedan">
<model>racer</model>
<mileage>15000</mileage>
<conditionType>Excellent</conditionType>
</Car>

Answer: A

QUESTION NO: 206

You work as a Software Developer for Blue Well Inc. You create a mobile Web application for mobile users. You want to ensure that a cookieless session is implemented on it. Which of the following statements are the main reasons of implementing a cookieless session on a mobile Web application?

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

A. Tests mobile Web applications
B. Stores data in Web server memory
C. Ensures better compatibility with mobile devices
D. Maintains session state of each user

Answer: C,D

QUESTION NO: 207

You work as a Windows Application Developer for ABC Inc. The company uses Visual Studio .NET as its application development platform. You create a Windows application using the .NET Framework. You create a database to maintain the record of the students. You create a table named Student. You want to retrieve names and roll number of those students whose age is less than ten years. An instance of the SqlCommand class named StudentCommand is already created. Which of the following code segments should you use to execute the query?

A. StudentCommand.CommandType = CommandType.StoredProcedure;
StudentCommand.CommandText = "SELECT Name, Roll number FROM Student WHERE Age < 10";
B. StudentCommand.CommandType = CommandType.StoredProcedure;
StudentCommand.CommandText = "Name and Roll number of students less than ten years";
C. StudentCommand.CommandType = CommandType.Text;
StudentCommand.CommandText = "SELECT Name, Roll number FROM Student WHERE Age < 10";
D. StudentCommand.CommandText = CommandText.Text;
StudentCommand.CommandType = "SELECT Name, Roll number FROM Student WHERE Age < 10";

Answer: C

QUESTION NO: 208

You work as a Software Developer for ABC Inc. The company uses Visual Studio .NET 2005 as its application development platform. You are developing the data access component that all applications in your company intranet will use to access Microsoft SQL Server. You must include code to correctly catch and iterate through any number of errors that could be encountered when connecting to SQL Server. Which code segment should you choose?

A. string connectionString =
"server=(local); database=Northwind;"
+ "integrated security=true;";
using (SqlConnection cnn = new SqlConnection(connectionString)){
try {
cnn.Open();
} catch (Exception ex) {
// handle the exception...
} catch (SqlException ex) {
foreach (SqlError error in ex.Errors) {
// handle the exception...
}
} finally {
// clean up

```
}
}
```

B. string connectionString =
"server=(local); database=Northwind;"
+ "integrated security=true;";
using (SqlConnection cnn = new SqlConnection(connectionString)){
try {
cnn.Open();
} catch (SqlException ex) {
foreach (SqlError error in ex.Errors) {
// handle the exception...
}
} catch (Exception ex) {
// handle the exception...
} finally {
// clean up
}
}

C. string connectionString =
"server=(local); database=Northwind;"
+ "integrated security=true;";
using (SqlConnection cnn = new SqlConnection(connectionString))}
try {
cnn.Open();
} catch (SqlException ex) {
switch (ex.Number) {
case 1:
// handle the exception...
break;
default:
// handle the exception...
break;
}
} catch (Exception ex) {
// handle the exception...
}
}

D. string connectionString =
"server=(local); database=Northwind;"
+ "integrated security=true;";
using (SqlConnection cnn = new SqlConnection(connectionString)){
try {
cnn.Open();
} catch (SqlException ex) {
switch (ex.Number) {
case 1:
// handle the exception...

```
break;
default:
// handle the exception...
break;
}
} catch (Exception ex) {
// handle the exception...
} finally {
// clean up
}
}
```

Answer: B

QUESTION NO: 209

Smith works as a Software Developer for ABC Inc. He creates an application using Visual Studio .NET 2005. The application displays "Welcome to ABC" on the top-left corner of a form. He writes the following code:

StringBuilder strbuild1 = new StringBuilder(20);

strbuild1.Append("'Welcome");

strbuild1.Append(" ");

strbuild1.Append("to");

strbuild1.Append(" ");

strbuild1.Append("ABC'");

string str1 = strbuild1.ToString();

Console.WriteLine(str1);

Console.ReadLine();

What is the main purpose of using StringBuilder object in the application?

A. To create dynamic or mutable strings.
B. To concatenate two or more different set of strings or a set of Unicode characters.
C. To convert a value of the StringBuilder object to the String object.
D. To append a specified string to the end of the StringBuilder object.

Answer: A

QUESTION NO: 210

You work as a Software Developer for ABC Inc. The company uses Visual Studio.NET 2005 as its application development platform. You are creating a .NET remoting application using .NET Framework 2.0. The object of the application will be shared by multiple applications. You want to use simple, modular, extensible, and XML-based protocol to exchange messages between remoting applications. What will you do to accomplish the task?

A. Use the SOAP protocol.
B. Use the SoapFormatter class.
C. Use the BinaryFormatter class.
D. Use client activated objects.

Answer: B

QUESTION NO: 211

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

Answer: C

QUESTION NO: 212

You work as a Software Developer for ManSoft Inc. The company has several branches worldwide. The company uses Visual Studio.NET 2005 as its application development platform. You create an application that will be used by all the branches of the company. You use the Regex class in the application to validate some strings. You want to search an input string for an occurrence of a regular expression. Which of the following methods of the Regex class will you use to accomplish the task?

A. Match

B. Matches

C. Equals

D. IsMatch

Answer: A

QUESTION NO: 213

You work as an Enterprise Application Developer for ABC Inc. The company uses Visual Studio .NET 2008 as its application development platform. You create a logging utility class using .NET Framework 3.5. The utility class writes logs to event log services. You are required to ensure that the client applications that use the utility class can create an instance of the utility class only if they have access rights to write to the event log services.

What will you do?

A. Use role based security in the class constructor.

B. Use declarative security check on the assembly.

C. Use role based security on the class.

D. Use code access security on the class.

Answer: D

QUESTION NO: 214

Allen works as a Software Developer for ABC Inc. The company uses Visual Studio .NET 2005 as its application development platform. Allen creates an application that will be used to handle security information related to the company. He wants to secure the application by using the most secure authentication method. The method should have a strong key for encryption and send the encrypted password across the network. Which of the following authentication methods will Allen use to accomplish the task?

A. Integrated Windows authentication

B. Basic authentication

C. Certificate-based authentication

D. Digest authentication

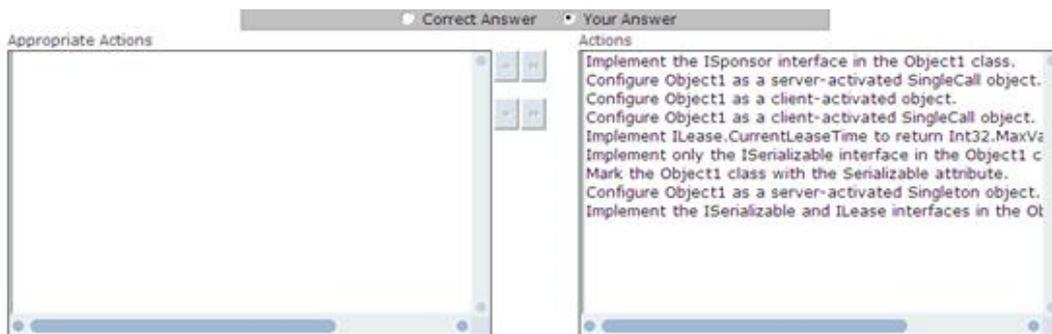**Answer: C**

QUESTION NO: 215

Mark works as a Software Developer for GenTech Inc. He develops an application, named App1, using Visual Studio .NET. The application contains a Form control, named Form1, which enables users to edit information in a SQL Server database. Mark wants to save all the changes made by users in the database. He defines a boolean variable, named DataIsSaved, in the application code. DataIsSaved indicates whether or not all data are saved in the database. Mark wants to prevent Form1 from closing until all the changes are saved in the database. Which of the following code will he use to accomplish this?

A. protected void Form1_Leave(object sender, System.ComponentModel.CancelEventArgs e) { if(!DataIsSaved)
B. Cancel = false;
else
C. Cancel = true;
}
D. protected void Form1_Leave(object sender, System.ComponentModel.CancelEventArgs e) { if(!DataIsSaved)
E. Cancel = true;
else
F. Cancel = false;
}
G. protected void Form1_Closed(object sender, System.ComponentModel.CancelEventArgs e) { if(!DataIsSaved)
H. Cancel = false;
else
I. Cancel = true;
}
J. protected void Form1_Closing(object sender, System.ComponentModel.CancelEventArgs e) { if(!DataIsSaved)
K. Cancel = false;
else
L. Cancel = true;
}
M. protected void Form1_Closed(object sender, System.ComponentModel.CancelEventArgs e) { if(!DataIsSaved)
N. Cancel = true;
else
O. Cancel = false;
}
P. protected void Form1_Closing(object sender, System.ComponentModel.CancelEventArgs e) { if(!DataIsSaved)
Q. Cancel = true;
else
R. Cancel = false;
}

Answer: F

QUESTION NO: 216

Sam works as a Software Developer for GenTech Inc. He creates a .NET remote object, named Object1. Object1 holds a Hashtable object, or the name and value pairs. Seven client applications use Object1 to get and set property values. Sam wants to ensure that the properties set by one of the client applications can be accessed by all the applications using Object1. Choose the appropriate actions he will take to accomplish this.

	Correct Answer	• Your Answer
Appropriate Actions		**Actions**
		Implement the ISponsor interface in the Object1 class.
		Configure Object1 as a server-activated SingleCall object.
		Configure Object1 as a client-activated object.
		Configure Object1 as a client-activated SingleCall object.
		Implement ILease.CurrentLeaseTime to return Int32.MaxVa
		Implement only the ISerializable interface in the Object1 c
		Mark the Object1 class with the Serializable attribute.
		Configure Object1 as a server-activated Singleton object.
		Implement the ISerializable and ILease interfaces in the Ok

A.

Answer: A

QUESTION NO: 217

Martha works as a Software Developer for NetCom Inc. She develops an application, named App1, using Visual Studio .NET. The application contains a form, named MyForm1. MyForm1 contains several controls including a TextBox, named txtDOB. The txtDOB control is used to accept the date of birth from a user. In order to ensure that a user enters a valid date in txtDOB, Martha adds validation logic to the *Validating* event of txtDOB. When she tests the form by using some invalid dates in txtDOB, the validation logic does not appear to be working as expected. What is the most likely cause of the issue?

A. Martha has set the Locked property of txtDOB to True.
B. Martha has set the CausesValidation property of txtDOB to False.
C. Martha has set the SuppressValidation property of txtDOB to True.
D. Martha has set the TabIndex property of txtDOB to 0.

Answer: B

QUESTION NO: 218

Which of the following code snippets is an example of tight encapsulation?

A. private int x;
public void fun(){x=5;}
B. private int x;
private void fun(){x=5;}
C. public int x;
public void fun() {x=5;}
D. protected int x;
protected void fun(){x=5;}
E. int x;
public void fun(){x=5;}

Answer: A

QUESTION NO: 219

You work as an ADO.NET Application Developer for ABC Inc. The company uses Microsoft Visual Studio .NET 2008 as its application development platform. You create an ADO.NET application by using .NET Framework 3.5. You are using the System.Linq.Expressions namespace to represent the code expression as objects in the form of expression trees. You want to initialize the members of a newly created object. What will you do to accomplish the task?

A. Use the MemberBinding class
B. Use the UnaryExpression class
C. Use the MemberBindingType enumeration
D. Use the MemberListBinding class

Answer: A

QUESTION NO: 220

You work as a Web Application Developer for ABC Inc. The company uses Visual Studio .NET as its application development platform. You create a Web application using .NET Framework 2.0. The application is for members only. The behavior of the Web application varies according to the role of the user. The Web application uses the ASP.NET Membership control for creation of user accounts. You are required to find out whether a user is a member of a specific role. What will you do?

A. Pass the role names to the User.IsInRole method.
B. Pass the user names and passwords to the Membership.ValidateUser method.
C. Pass the role names to the Roles.RoleExists method.
D. Pass the user names to the User.IsUserInRole method.

Answer: A

QUESTION NO: 221

You work as a Software Developer for ABC Inc. You develop a multi-threaded application named MyMultThreadApp using Visual Studio .NET. The application logs all warning and informational messages in an event log that keeps track of significant events when the application is running. The event log records information that might be useful for troubleshooting or performance analysis. Which of the following are the considerations that you must keep in mind when logging events with multithreaded components?

Each correct answer represents a complete solution. Choose three.

A. An exclusive lock should be obtained on the log to avoid race conditions.
B. Each shared component should be thread-safe when interacting with an event log.
C. The System.Threading namespace should be used to record the identity of each thread for logging messages.
D. The Debug and Trace classes should be used to log events.

Answer: A,B,C

QUESTION NO: 222

John works as a Web Developer for ProMetaworks Inc. He creates an ASP.NET application, named MyApp1, by using Visual Studio .NET. MyApp1 contains a page, named Page1. Page1 contains several TextBox controls that accept users' input. John uses several validation controls on the page to validate input controls. He wants to display all the validation error messages on the page in a message box. However, he does not want the validation summary to be displayed inline on the Web page. What will he do to accomplish the task?

A. Add a CustomValidator control to the page. Write a custom client-side script function. Set the ClientValidationFunction property of the control to the name of the function.
B. Add a ValidationSummary control to the page. Set its ShowMessageBox and ValidationSummary properties to True.

C. Add a ValidationSummary control to the page. Set its ShowMessageBox property to True and ValidationSummary property to False.

D. Add a ValidationSummary control to the page. Set its DisplayMode property to MessageBox .

Answer: C

QUESTION NO: 223

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)

Answer: A

QUESTION NO: 224

Maria works as a Software Developer for ABC Inc. She develops a Console application using Visual Studio .NET 2005. She writes the following code in the application:

String st="Hello World";

int MyBegin=1;

int MyEnd=3;

Console.WriteLine(st.Substring(MyBegin, MyEnd));

What will happen when she tries to compile and execute the application?

A. The application will compile successfully and display "el" as the output.

B. The application will compile successfully and display "ell" as the output.

C. A compile-time error will occur stating "No method matching substring(int, char) exists".

D. The application will compile successfully and display "Hel" as the output.

Answer: B

QUESTION NO: 225

Ricky works as a Software Developer for SoftTech Inc. He creates an XML Web service, named XmlWeb, by using Visual Studio .NET. He wants to publish XmlWeb within the company's intranet. Which of the following actions will Ricky take to publish XmlWeb?

Each correct answer represents a part of the solution. Choose all that apply.

A. Register XmlWeb in the private UDDI registry.

B. Use XML Spy to register XmlWeb.

C. Register XmlWeb in the public UDDI registry.

D. Build a discovery (disco) document for XmlWeb.

Answer: A,D

QUESTION NO: 226

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. The company hosts a Web site. The Web site offers an online community and shows personal information of the site members. An e-mail account that is used as the user name is compulsory to register with the online community. Therefore, only registered users of the Web site can view the personal information of other members. You are required to ensure that illegal, automated scripts or bots are not permissible to carry out any of the following tasks:

I Register with the Web site.

I Access the personal information of the members.

What will you do?

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

A. Bind all personal information of the members within SPAN and DIV controls that will toggle to show/hide.

B. Implement a CAPTCHA image control during the registration and login process.

C. Deny new user accounts access to the Web site as long as the user does not respond to the e-mail message.
D. Implement CDATA during the registration and login process.
E. Implement a one-way function during login process.
F. Send confirmation email messages to all new registered users.

Answer: B,C,F

QUESTION NO: 227

You work as a Software Developer for ABC Inc. The company uses Visual Studio.NET 2005 as its application development platform. You create a Windows service application that will be used by Visual Studio .NET applications. You want to ensure that an access to the Windows service is restricted. Therefore, you decide to use the ServiceInstaller class. You want to specify the security context of the Windows service application. Whic

A. Password property
B. UserName property
C. Context property
D. Account property

Answer: D

QUESTION NO: 228

You work as a Web Application Developer for SunInfo Inc. The company uses Visual Studio 2008 as its application development platform. You create a Web application using .NET Framework 3.5. You want to implement state management in your application. In which of the following stages of the application life cycle will your application actually start?

A. On creation of an instance of the HttpApplication class
B. When an instance of the ApplicationManager class is created
C. When instances of the core objects such as HTTPContext, HTTPRequest, and HTTPResponse are created
D. When a user first makes a request for a page in your Web site

Answer: A

QUESTION NO: 229

Charles works as a Web Developer for Cyber Net Inc. The company frequently receives production information from external vendors in the form of XML data. Charles stores these XML data in a disk container of the Web server as .xsd schema files and .xdr schema files. There are specific rules for writing XML codes to define the structure and data types for XML documents. Which of the following criteria should NOT be considered while writing an XML document?

Each correct answer represents a complete solution. Choose all that apply.

A. A well-formed XML document should contain a start tag but not necessarily an end tag.
B. An XML document must enclose the beginning and ending points of a tag by using the symbols '<' and '>' respectively.
C. A well-formed XML document should contain a start tag and an end tag.
D. An XML document should be specified according to the application or business requirement s.
E. An XML document should have predefined elements and attributes.

Answer: A,E

QUESTION NO: 230

You work as a Software Developer for ABC Inc. The company uses Visual Studio .NET as its application development platform. You create a Windows Forms application by using the .NET Framework. The application executes a background thread. You are required to create the thread to exit, but you must also inform the main thread when the background thread has finished. What will you do to accomplish this?

A. Call the Join method of the Thread class.
B. Call the Sleep method of the Thread class.
C. Call the Abort method of the Thread class.
D. Call the Interrupt method of the Thread class.

Answer: A

QUESTION NO: 231

You work as a Software Developer for ABC Inc. The Company uses the .NET Framework as its application development platform. You have created a class to represent a stop light. The stop light can be red, green, or blue. Which of the following elements would you use to simplify how developers defined the value?

A. Structure
B. Delegate
C. Enumeration
D. Interface

Answer: C

QUESTION NO: 232

Patrick works as a Software Developer for BlueWell Inc. He develops an ASP.NET application

named App1 using Visual Studio .NET. The application displays employee registration form on the company's Web site. The form contains the following fields:

l First Name

l Last Name

l Date of Birth

l E-mail

The application contains a TextBox control for each field. Patrick wants the application to provide a user-defined error message whenever an employee makes a wrong entry on the form. Patrick uses a *CustomValidator* validation control in the application. Which of the following properties is mandatory if the CustomValidator control is used to validate a user input data entry?

A. EnableViewState
B. IsValid
C. EnableTheming
D. ErrorMessage

Answer: B

QUESTION NO: 233

Richard works as a Software Developer for BlueWell Inc. He is writing a component that will be shared by multiple applications. He wants to install the component in the GAC (Global Assembly Access) To install a component in the GAC, he requires to provide a strong name to the component. Which of the following tools will he use to accomplish this task?

A. Al.exe
B. Sn.exe
C. Cert2spc.exe
D. Signcode.exe
E. Gacutil.exe

Answer: B

QUESTION NO: 234

Maria works as a Software Developer for ManSoft Inc. She develops an application using Visual Studio .NET 2005. Maria wants to ensure that only employees of the Accounts department can view the application. Therefore, she decides to change the configuration settings in the Web.config file.

What will Maria do to accomplish the task?

A. Add the <authorization> element in the Web.config file. Then add the <allow users="Accounts" /> attribute in the element.
B. Add the <authentication> element in the Web.config file.
C. Add the <authorization> element in the Machine.config file. Then add the <allow roles="Accounts" /> attribute in the element.
D. Add the <authorization> element in the Web.config file.

Answer: B

QUESTION NO: 235

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 Forms application using .NET Framework 3.5. You use LINQ expressions to read a list of employees from the following XML file:

<employees>

<employee id="135" birthDate="5/01/1968"> Sam Paul </employee>

<employee id="122" birthDate="3/05/1988"> Kelly Smith </employee>

<employee id="044" birthDate="8/24/1990"> Joe Healy </employee>

<employee id="582" birthDate="6/15/1974"> Matt Hardy </employee>

<employee id="275" birthDate="2/07/2004"> Tom Altar </employee>

<employee id="144" birthDate="9/23/1946"> Jeff Hay </employee>

<employee id="444" birthDate="5/15/1947"> Kim Shane </employee>

<employee id="243" birthDate="4/24/1980"> Mike Ray </employee>

<employee id="363" birthDate="8/14/1975"> Allen Ryan </employee>

<employee id="473" birthDate="1/15/1979"> Jackline Beneath </employee>

<employee id="713" birthDate="9/09/1985"> Adam Ford </employee>

<employee id="032" birthDate="5/04/1990"> Mike Tyson </employee>

</employees>

You are required to obtain a list of names of employees who are 23 years or older. Which of the following code segments will you use?

A. XDocument employees = XDocument.Load("Employees.xml");
var results = from c in employees Descendants() where ((DateTime)c.Attribute ("birthDate")).AddYears(23) < DateTime.Now
select new { FullName = c.Value };
B. XDocument employees = XDocument.Load("Employees.xml");
var results = from c in employees Descendants("employee") where ((DateTime)c.Attribute ("birthDate")).AddYears(23) < DateTime.Now
select c Attribute("Name");
C. XDocument employees = XDocument.Load("Employees.xml");
var results = from c in employees Descendants("employee") where ((DateTime)c.Attribute ("birthDate")).AddYears(23) < DateTime.Now
select c Element("employee");
D. XDocument employees = XDocument.Load("Employees.xml");
var results = from c in employees Descendants("employee") where ((DateTime)c.Attribute ("birthDate")).AddYears(23) < DateTime.Now
select new { FullName = c.Value };

Answer: D

QUESTION NO: 236

Smith works as a Software Developer for ABC Inc. He creates an application using Visual

Studio .NET 2005. The application displays "Welcome to ABC" on the top-left corner of a form. He writes the following code:

StringBuilder strbuild1 = new StringBuilder(20);

strbuild1.Append("'Welcome");

strbuild1.Append(" ");

strbuild1.Append("to");

strbuild1.Append(" ");

strbuild1.Append("ABC'");

string str1 = strbuild1.ToString();

Console.WriteLine(str1);

Console.ReadLine();

What is the main purpose of using StringBuilder object in the application?

A. To append a specified string to the end of the StringBuilder object.
B. To concatenate two or more different set of strings or a set of Unicode characters.
C. To create dynamic or mutable strings.
D. To convert a value of the StringBuilder object to the String object.

Answer: C

QUESTION NO: 237

Allen works as a Software Developer for ABC Inc. He develops a Windows application. He adds a form to the application named Form1, which contains a Label control named Label1. A text file named File1.txt contains a list of products. File1.txt is located in the application directory. Each product name is listed in a new line in File1.txt. Allen wants to retrieve a list of products from File1.txt and display it in Label1. He adds the following code to the application:

1. StreamReader Reader1 = new StreamReader((Stream)File.OpenText(Server.MapPath

("File1.txt")));

2. Stream MyStream;

3. string InputString;

4. // Insert statement here.

5. while (InputString != null)

6. {

7. Label1.Text = String.Format("{0}{1}", Label1.Text, InputString);

8. Reader1.ReadLine();

9. }

10. Reader1.Close();

Which of the following statements will Allen add at line 4 to accomplish the task?

A. InputString = Reader1.ReadLine();
B. InputString = Reader1.BaseStream.ToString();
C. InputString = MyStream.ToString();
D. InputString = MyStream.Read(b,0,Byte1.Length).ToString();

Answer: A

QUESTION NO: 238

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

Answer: A

QUESTION NO: 239

You work as a Software Developer for Mansoft Inc. The company uses Visual Studio .NET as its application development platform. You create an application named ExceptionHandling using .NET Framework. You write code and execute it, but it causes an error. Now, you want to find out where the exception has occurred.

Which of the following properties of the exception class will you use to accomplish the task?

A. Source
B. Message

C. Data

D. StackTrace

Answer: D

QUESTION NO: 240

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. You are required to call an unmanaged method from your managed code with the help of platform invoke services. What will you do to accomplish this task?

A. 1. Export a type library for your managed code

B. 1. Import a type library as an assembly

2. Create instances of COM object

C. 1. Register your assembly by using COM

2. Reference your managed code from COM

D. 1. Create a class to hold DLL methods

2. Create prototype methods with managed code

Answer: D

QUESTION NO: 241

You work as a Software Developer for ABC Inc. The company uses Visual Studio .NET 2005 as its application development platform. You are presently busy implementing a custom trace that logs errors and warnings in a MS SQL Server database. The implementation should allow different applications to decide whether errors or warnings should be logged at a specified time. You install the assembly that contains the trace listener in the GAC on an application server. You want to enable all Web services on the application server to utilize the trace listener by default. You need to ensure that the implementation does not force Microsoft Windows Forms applications that run on the server to utilize the trace listener. What will you do to accomplish this task?

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

A. Add the trace listener to the Web.config file for every Web service.

B. Add the trace listener to the global Web.config file.

C. Specify trace switches for every Web service in the Web.config file.

D. Add the trace listener to the machine.config file.

E. Specify trace switches in the machine.config file.

Answer: B,C

QUESTION NO: 242

You are working on an ASP.NET application that will handle shopping cart for online users. You wish to generate images of all your company's products dynamically on one of the application's Web pages. You need to modify your configuration settings file for this purpose. Which of the following sections of the configuration file will you use to accomplish the task?

A. <httpHandlers>
B. <httpModules>
C. <httpRuntime>
D. <httpCookies>

Answer: A

QUESTION NO: 243

Andrew works as a Software Developer for Mansoft Inc. The company's network has a Web server that hosts the company's Web site. Andrew wants to enhance the security of the Web site by implementing *Secure Sockets Layer* (SSL). Which of the following types of encryption does SSL use?

Each correct answer represents a complete solution. Choose two.

A. IPSec
B. Asymmetric
C. Symmetric
D. Secret

Answer: B,C

QUESTION NO: 244

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. You need to save a graphical object from the application. The graphical object is a collection of x and y points, each represented by using a single precision floating point number. You want to use the least amount of disk space by the saved object. Which the following classes will you use to

accomplish this task?

A. XmlWriter
B. StreamWriter
C. TextWriter
D. BinaryWriter

Answer: D

QUESTION NO: 245

You work as a Software Developer for ABC Inc. You use C# .NET to develop a windows application. The application will implement a role-based authorization scheme that is based on a Microsoft SQL Server database of user names. Users will enter their names in a text box named UserName. You must ensure that users are assigned the supervisor role and the PG role by default. Which of the following code segments will you use to accomplish this task?

A. GenericIdentity identity =
new GenericIdentity(UserName.Text);
string[] RoleArray = {"Supervisor", "PG"};
GenericPrincipal principal = new GenericPrincipal(identity, RoleArray);
B. GenericIdentity identity =
new GenericIdentity(UserName.Text);
string[] RoleArray = {"Supervisor", "PG"};
WindowsPrincipal principal = new WindowsPrincipal(identity);
C. WindowsIdentity identity =
new WindowsIdentity.GetCurrent();
string[] RoleArray ={"Supervisor", "PG"};
GenericPrincipal principal = new GenericPrincipal(identity, RoleArray);
D. WindowsIdentity identity =
new WindowsIdentity.GetAnonymous();
string[] RoleArray = {"Supervisor", "PG"};
WindowsPrincipal principal = new GenericPrincipal(identity, RoleArray);

Answer: A

QUESTION NO: 246

You work as a Software Developer for ABC Inc. You create a Console application. You write the following code in the application:

RC2CryptoServiceProvider TestRC2 = new RC2CryptoServiceProvider();

Console.WriteLine(TestRC2.Mode);

What output will the above code display?

A. Cipher Block Chaining (CBC)
B. Output Feedback (OFB)
C. Cipher Text Stealing (CTS)
D. Electronic Codebook (ECB)
E. Cipher Feedback (CFB)

Answer: A

QUESTION NO: 247

Adam works as a Software Developer for ABC Inc. He creates an ASP.NET application, named MyApp. During beta testing of MyApp, he ensures that both developers and beta testers see the actual text of error messages. Adam performs beta testing of other applications on the same test server. All the other applications display ASP.NET error messages. After completing beta testing, Adam promotes the beta test server to a production server. He wants all the applications to display a single, userfriendly error message. Adam also wants to configure MyApp and the production server to meet these goals. What will he do to accomplish the required task with minimum administrative effort?

A. In the Web.config file for MyApp, add the following element:
<customErrors mode="RemoteOnly" />
B. In the Machine.config file, add the following element:
<customErrors mode="On" />
C. In the MyApp.config file, add the following element:
<customErrors mode="On" />
D. In the MyApp.config file, add the following element:
<customErrors mode="RemoteOnly" />
E. In the Web.config file for MyApp, add the following element:
<customErrors mode="On" />
F. In the Machine.config file, add the following element:
<customErrors mode="RemoteOnly" />

Answer: B

QUESTION NO: 248

Dilton works as a Software Developer for GREC Research Center (Central). This research center has its subsidiaries in several different cities. Dilton wants to retrieve a Soil Test Report for the Geological Survey Department. He wants the test report to be available to all the members of the department over the Internet. He creates an XML Web service named SampleReport. SampleReport contains a Web method named SoilTestDetails that requires additional security.
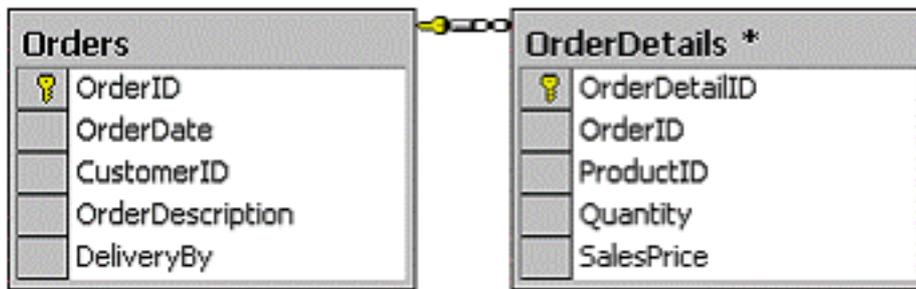
Dilton decides to use generic role-based security to secure the SoilTestDetails method from unauthorized users. Dilton writes code to ensure that once a user is authenticated, a user identity named Generic is created. The Generic user identity has a group membership named GeoSurvey to allow the authenticated users access to the SoilTestDetails Web method. Which of the following code segments should Dilton use to accomplish the task?

A. GenericIdentity GenIdentity = new GenericIdentity("Generic", "Custom");
string[] GeoRoles = {"GeoSurvey"};
GenericPrincipal GeoPrincipal = new GenericPrincipal(GenIdentity, GeoRoles);
Thread.CurrentPrincipal = GeoPrincipal;
B. IIdentity GeoIdentity = new GenericIdentity("Generic", "Custom");
WindowsIdentity WinGeoIdentity = (WindowsIdentity) GeoIdentity;
string[] GeoRoles = {"GeoSurvey"};
GenericPrincipal GenGeoPrincipal = new GenericPrincipal(WinGeoIdentity, GeoRoles);
WindowsIdentity.Impersonate(WinGeoIdentity.Token);
C. IIdentity GeoIdentity = new GenericIdentity("Generic", "GeoSurvey");
IPrincipal GeoPrincipal = new WindowsPrincipal((WindowsIdentity) GeoIdentity);
Thread.CurrentPrincipal = GeoPrincipal;
D. System.Security.Principal.IIdentity MyGenericIdentity = new GenericIdentity("Generic", "Custom");
string[] GeoRoles = {"GeoSurvey"};
GenericPrincipal GenGeoPrincipal = new GenericPrincipal(MyGenericIdentity, GeoRoles);
MyGenericIdentity = WindowsIdentity.GetCurrent();

Answer: A

QUESTION NO: 249

You work as a Database Developer for a Web based music company named Music2Music. You are designing a database for online order management application. The customers use the company's Web site to place orders for the music CDs. Orders details are first inserted into an online database named OrdersData. The Orders database includes a table named Orders and a table named OrderDetails. The Orders table contains basic information about the orders. The OrderDetails table contains information about the individual items in the orders. Fragments of the Orders database is given below:

Orders
- OrderID
- OrderDate
- CustomerID
- OrderDescription
- DeliveryBy

OrderDetails *
- OrderDetailID
- OrderID
- ProductID
- Quantity
- SalesPrice

Requirements of the database design are given below:

l Customers must be able to use the company's Web site to view orders stored in the OrdersData database.

l Customers should be able to see only their own orders.

l Customers should not be able to modify the orders.

l The primary key values of the orders are not relevant to the customers and should not be

visible. What will you do?

A. Create a view that displays the order information for a customer.
B. Create a stored procedure that retrieves the order information for a customer.
C. Grant SELECT permissions on the Orders and OrderDetails tables to the customers
D. Create a scalar user-defined function that retrieves the order information for a customer.

Answer: B

QUESTION NO: 250

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. The application has multiple threads that execute one after another. You want to ensure that the application terminates only when all the threads complete their tasks. Which of the following methods will you use to accomplish the task?

A. Join
B. Abort
C. Sleep
D. Suspend

Answer: A

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