

Q1. What can be configured using the .NET Configuration tool?

1. GAC cache.
2. Assemblies.
3. Security.
- 4. All of the above.**

Q2. What kind of project can you create from the Setup and Deployment Projects list?

- A. Web Setup project.
- B. GAC project.
- C. Setup project.
- D. CAB project.

1. B,C,D
- 2. A,C,D**
3. A,B
4. B,D

Q3. What happens if an ASP.NET server control with event-handling routines is missing the runat="server" attribute from its definition?

1. The control will operate as usual; the default is runat="server".
2. The control will revert to being a client-side control and function as such.
3. The control will not function; the default is runat="client".
- 4. The compilation of the application will fail.**

Q4. Which code-access class can be used to represent permissions related to network access?

1. NetworkPermission
2. RemotePermission
3. URLPermission
4. **SocketPermission**

Q5. What must be done to create a ToolTip on a new Windows control?

1. **Add a ToolTip control and set the ToolTip property of the new control.**
2. Set the ToolTip property of the new control.
3. Set the Help property of the new control.
4. Create a MessageBox that displays when the user clicks the new control.

Q6. Which technology allows you to publish XML web services?

1. XMLPub
2. XSLT
3. XPath
4. **UDDI**

Q7. Which Registry key would lead you to find the installed Windows service?

1. HKEY_LOCAL_MACHINE\Services
2. **HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services**
3. HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services
4. HKEY_LOCAL_MACHINE\CurrentControlSet\Services

Q8. You want to configure your new Windows service. Which of the following tools will allow you to set configuration properties for the service? Choose all that apply.

1. regedt32.exe
2. sc.exe
3. regsrvs.exe
4. **A,B**

Q9. Which method of the ServiceController class will allow you to send a command to the service?

1. Stop()
2. Start()
3. Pause()
4. **ExecuteCommand()**

Q10. In order to have your server component accept method calls that pass the object by value, your remote server object must implement which interface?

1. IUnknown
2. IMarshalByValue
3. ISingleCall
4. **ISerializable**

Q11. Which of the following formatters can be used over an HTTP channel. Choose all that apply.

1. SOAP formatter.
2. RPC formatter.
3. Binary formatter.
4. **A,C**

Q12. You have developed a remote object library class for deployment to a web server. You have established that your configuration files are correct, and now you feel that your component classes may have an error. The following is the code for the remote object:

```
using System;

using System.Runtime.Remoting;

using System.Runtime.Remoting.Channels;

using System.Runtime.Remoting.Channels.Http;

namespace HelloServer

{

    public class Hello: MarshalByRefObject

    {

        public Hello()

        {

        }

        public string HelloWorld(string message)

        {

            return message;

        }

        public static void Main()

        {

            HttpChannel c = new HttpChannel (4242);

            RemotingConfiguration.RegisterWellKnownServiceType {

                Type.GetType("HelloServer"), "Hello",

                WellKnownObjectMode.SingleCall);

        }

    }

}
```

```
}  
  
}
```

What is the most likely cause of the exception error?

1. You are missing a using declaration.
2. You have used the wrong channel type.
3. You have used the wrong activation mode.
- 4. You have not registered the channel.**

Q13. Under which of the following environments does your program's execution code run?

1. MSIL
2. CLS
- 3. CLR**
4. VB .NET

Q14. Where are stored procedures saved?

1. The GAC.
2. The web server.
- 3. The database server.**
4. The central store.

Q15. What is the purpose of the last string ("{0}") in the following code segment?

```
DataSource1.DataSource = "Tables[SP_SelUsers].DefaultView.[0].LastName",  
"{0}");
```

- 1. It is the formatting string for the bound data.**

2. It is the default value that will be used when the data is NULL.
3. It is the parameter sent to the stored procedure SP_SelUsers.
4. It is the placeholder for a DataBinding object.

Q16. Which line causes a compile error in the following code?

```
interface Test2
```

```
{
```

```
int Int2;
```

```
void Method2A(int);
```

```
string Method2B ();
```

```
int Method2C(int, int);
```

```
int Method2A(char);
```

```
}
```

1. Line 3

2. Line 4

3. Line 5

4. Line 7

Q17. What is the outcome of compiling this program?

```
public class Test3
```

```
{
```

```
void Method3A ()
```

```
{  
    System.Console.WriteLine ("In Method3A");  
}  
  
}  
  
class Test3a: Test3  
{  
    void Method3B ()  
    {  
        Method3A();  
    }  
}  
  
class Test3b  
{  
    public static void Main()  
    {  
        Test3a a = new Test3a();  
        a.Method3B();  
    }  
}
```

1. It compiles successfully.
2. **Lines 12 and 20 are in error.**
3. Line 12 is an error.
4. Line 20 is the error.

Q18. In the following code, what will be printed by the Console.WriteLine() method?

```
string[] str = {"Hello", "!", "World"};
```

```
Array.Reverse(str);
```

```
Console.WriteLine(str[0]);
```

1. "!"
2. "Hello"
3. "olleH"
4. "World"

Q19. What is the outcome of the following code?

```
public void MethodB ()
```

```
{
```

```
int [] MyInts = new int [2];
```

```
try
```

```
{
```

```
for ( int i = 0; i < 3; i++)
```

```
{
```

```
MyInts[i] = i;
```

```
}
```

```
} catch (System.Exception e)
```

```
{
```

```
System.Console.WriteLine ("Some error occurred");
```

```
}
```

```
}
```

1. The code will not compile because there is an incorrect catch block.

2. The code will not compile because of an error on line 6.
- 3. The code will compile and displays "Some error occurred".**
4. The code will compile and will abort upon execution.

Q20. What kind of delegate will be created for the following method?

```
public void Method12(object sender, System.EventArgs e)
```

```
{  
...  
}
```

1. Single delegate
2. Event delegate
- 3. Multicast delegate**
4. Proxy delegate

Q21. You have just installed IIS on your desktop computer that is running Windows 2000 Professional. Directly after the installation, you try to create a web application and you are given error messages indicating that the Internet server is incompatible with the .NET Framework. You need to create a web application, so what is the fastest way to be able to do so?

1. Configure the FrontPage Server Extensions.
- 2. Repair the .NET Framework installation from the Visual Studio .NET Windows**

Component update CD.

3. There is no solution. Windows 2000 does not support .NET Framework web application development.
4. Re-boot the computer.

Q22. You are building an event handler for the SendFax event from the sFax

component, and you have written the following code. When you test the event handler, you find that it never runs. What code must you add to your application to make the event execute in response to the SendFax event?

```
private void Send_Fax()  
{  
    Console.WriteLine("Fax is sent!");  
}
```

1. public delegate SendFax(Send_Fax);
- 2. this.sFax.SendFax += new SendFaxHandler(this.Send_Fax);**
3. public event SendFax(Send_Fax);
4. this.sFax.SendFax += new SendFaxHandler(this.Send_Fax);

Q23. You want to see all the methods of a particular class that you are using in your application. Which tool would you use?

1. Class Viewer
- 2. Object Browser**
3. Class Explorer
4. Object Explorer

Q24. True or false. The Web.config file can be used to store configuration data for properties of some controls.

Correct Answer: T

Q25. What is the process called that converts a primitive to a class?

1. Primary
- 2. Boxing**
3. Conversion

4. Encoding

Q26. Which of the following code segments will correctly display the string resource?

txtHello? (All objects are correctly created.)

1. Console.Write(rm.ToString("txtHello");
2. Console.WriteLine(rm.Strings("txtHello");
3. Console.Write(txtHello.ToString("s"));
- 4. Console.Write(rm.GetString("txtHello"));**

Q27. Select the line of code that will create a new form.

1. Form.MyForm m = new MyForm();
 2. System.Window.Forms.Form MyForm m =
new System.Window.Forms.Form();
 3. using System.Windows.Forms.Form;
- ```
public class MyForm: Form
{
 Form MyForm m = new Form();
}
```

- 4. using System.Windows.Forms;**
- ```
public class MyForm: Form
{
    MyForm m = new MyForm();
}
```

Q28. When localizing a web application, you find that you need to encode Unicode characters that are sent to the client. What attribute would you set?

1. **ResponseEncoding="UTF-8"**

2. Encoding="UTF-8"

3. ResponseCode="UTF-8"

4. EncodedResponse="UTF-8"

Q29. What is the output from the following code segment?

```
using System;
```

```
using System.Windows.Forms;
```

```
public class MyForm: Form
```

```
{
```

```
private Button MyButton;
```

```
public MyForm()
```

```
{
```

```
InitializeComponent();
```

```
}
```

```
private void InitializeComponent()
```

```
{
```

```
this.MyButton = new Button();
```

```
this.MyButton.Text = "Hello World!";
```

```
this.MyButton.Click += new System.EventHandler(this.MyButton.Click);
```

```
}
```

```
public static void Main()
```

```
{
```

```
MyForm m = new MyForm();
```

```
Application.Run(m);
```

```
}
```

```
}
```

1. Program compiles and displays "Hello World!" when button is clicked.
2. Program compiles, but clicking the button does nothing.
3. Program compiles but causes a runtime error.
- 4. Program does not compile.**

Q30. Do you have to produce all the locale-specific assemblies before deploying the application?

1. Yes, the assemblies must be present for the final compile of the application.
2. Yes, the fallback manifest must be built from all the satellite assemblies.
3. Yes, the .NET Framework must update the registry with all the information

at deployment.

- 4. No, the satellite assemblies can be deployed at will after initial deployment.**

Q31. Your application is called AccountingOne.exe. What must the name of the French string resource be?

1. AccountingOne.resources.dll
2. strings.resources
3. strings.fr.resources.dll
- 4. strings.fr.resources**

Q32. By setting the Text property on the form, you will cause the value of the Text property to display on which part of the form?

1. Bottom-right corner
2. Top-right corner

3. Title bar

4. Status bar

Q33. You want to validate the user input that is retrieved in a text box. Which control will assist you in displaying the error message without moving off the form?

1. RichTextBox
2. NotifyIcon
3. HelpProvider

4. ErrorProvider

Q34. Which line of code must be added in order to show a StatusBar?

1. sbMyStatusBar.Show();
2. sbMyStatusBar.Display();
- 3. sbMyStatusBar.Show = true;**
4. sbMyStatusBar.Display = true;

Q35. You want to examine and change the value of a variable in your C# application.

You are developing using Visual Studio .NET. What window will allow you to change the value during execution?

1. Locals window
2. Call Stack window
- 3. Immediate window**
4. Watch window

Q36. You need to get access to a database that is stored on a server running Microsoft Access 2002. Which data adapter would you use?

1. SqlDataAdapter
- 2. OleDbDataAdapter**

- 3. OleDbDataAdapter
- 4. OdbcDataAdapter

Q37. What property is used on the DataTable to indicate a conflict after an update?

- 1. HasConflict
- 2. HasError**
- 3. HasCollision
- 4. HasDataError

Q38. You are the consultant for HMR Inc. They have a large network that includes a Microsoft SQL Server 2000 database. You have coded a connection and command object to retrieve data from the Student database, but you keep getting an exception. What is wrong with the following code?

```
try
{
    studentConnection.Open();

    studentCommand = studentConnection.CreateCommand();

    studentCommand.CommandType = CommandType.Text;

    studentCommand.CommandText = "SELECT * FROM Student";

    studentAdapter = new OleDbDataAdapter (studentCommand);

    studentSet = new DataSet();

    studentAdapter.Fill (studentSet, "FirstName");

    this.txtFirstName.DataBindings.Add ("Text", studentSet, "FirstName");
}

catch (OleDbException s)
{
}
```

```
MessageBox.Show ("Oops, something bad happened");  
  
}  
  
finally  
  
{  
  
studentConnection.Close();  
  
studentConnection = null;  
  
}  
  
}
```

- A. The connection cannot be closed in the finally block.
- B. You are using the wrong data adapter.
- C. You are using the wrong data field.
- D. You are using the wrong exception object.

- 1. Both A and C.
- 2. Both B and D.**
- 3. B
- 4. D

Q39. What is a DiffGram?

- 1. An XML file containing both the original and current values for the data.**
- 2. An XML file containing the difference between original and current data.
- 3. A DataSet loaded with two XML files, resulting in the difference being current.
- 4. A DataSet loaded with an XML file and the original values from the data source.

Q40. When would you not use the OleDbConnection object?

1. **To connect to an SQL 7.0 database.**
2. To connect to a DB/2 database.
3. To connect to an Access database.
4. To connect to an SQL 6.5 database.

Q41. Which command-line tool will generate the proxy for a COM component?

1. isdlam.exe
2. ildasm.exe
3. tlbimp.exe
4. **wsdl.exe**

Q42. Which of the following statements is correct?

1. **The DataSource property refers to the dataset object, and the DisplayMember refers to the field.**
2. The DataMember property refers to the dataset object, and the DataSource refers to the field.
3. The DataMember property refers to the field, and the DataSource refers to the dataset object.
4. The DisplayMember property refers to the dataset object, and the DataSource refers to the field.

Q43. Which of the following will display the Web Services on a remote IIS server (named www.hmr.com) in an assembly called MyServices?

1. http://hmr.com/MyServices/ServiceName
2. **http://www.hmr.com/MyServices/ServiceName**
3. url://hmr.com/MyServices/ServiceName

4. url://www.hmr.com/MyServices/ServiceName

Q44. How many rules are there regarding a well formed XML document?

1. Nine
2. Three
3. **Six**
4. Two

Q45. What ASP.NET object encapsulates the state of the client and the browser?

1. **The Session object.**
2. The Application object.
3. The Response object.
4. The Request object.

Q46. What object would you use if you need to support Netscape Navigator and Microsoft Internet Explorer?

1. ActiveX control
2. Intrinsic controls
3. **XML**
4. Java applet

Q47. What method(s) must be used with the Application object to ensure that only one process accesses a variable at a time?

1. Synchronize()

2. Lock() and UnLock()

- 3. Lock() and Unlock()
- 4. SingleUse()

Q48. When an ASP.NET server control is added to a Web Form, Visual Studio .NET adds one item to the class for the form. What item is added?

- 1. The event registration.
- 2. A protected class member for the control.**
- 3. A default event handler for the click event.
- 4. A default class that inherits from the control's base class.

Q49. When a browser requests an .aspx file and the file is displayed, what is actually returned to the browser from the server?

- 1. HTML**
- 2. XML
- 3. ASPX
- 4. ASP

Q50. The XML Web service broker stores information about the XML web services that have published their services to the broker. What structure does the service broker store the information in?

- 1. Broker registry.
- 2. Windows Registry.
- 3. UDDI registry.**
- 4. XML document.