

Question Bank –MS .NET

.Net Framework

1. The common language specification
 - 1. Describes the way components authored for the common language**
 2. Provides a standardized way for events to be triggered
 3. Provides a standardized way for UI to be constructed
2. All Dot Net Compatible languages are Type safe. Which property makes it type safe?
 1. CLS 2. Strong Data Typing 3. **CTS** 4. .Net Framework
3. What is an attribute?
 1. Attribute is a property of a class or method
 2. Attribute is a collection of styles and properties
 - 3. Attribute is an additional information about a class, structure, method etc.**
 4. Attribute is a kind of meta data
4. Where are shared assemblies stored?
 - 1. Global Assembly Cache**
 2. c:\Windows
 3. None of above
5. System.Char represents a
 1. 8 bit Unicode character.
 - 2. 16 bit Unicode character.**
 3. 32 bit Unicode character.
 4. 64 bit Unicode character.
6. What is Reflection?
 1. It is used for obtaining runtime type information of the object
 2. It is used for creating runtime types
 3. It is used for obtaining metadata information during runtime
 - 4. All of the above**
7. Which of the following depicts a Satellite Assembly?
 - 1. Assembly used to localize the application.**
 2. Strongly names Assembly
 3. Assembly created by Microsoft for .NET base Class Library.
 4. Assembly created to share through satellite.
8. What Solution does .NET provide for the DLL HELL problem?
 1. Garbage Collection.
 2. Cyclical Reference.
 - 3. Assembly Versioning.**
 4. None Above.
9. when do u say assembly is not compatible
 - 1. when major and minor changed**
 2. when build number changed
 3. when revision changed
 4. 2 and 3
 5. none of the above
10. Which among the following is true about System.Byte ?
 1. Signed 8-bit integer (its range is from -128 to +127).
 2. Signed 8-bit integer (its range is from -127 to +128).
 3. Unsigned 8-bit integer (its range is from 1 to 256).
 - 4. Unsigned 8-bit integer (its range is from 0 to 255).**
 5. None of the above.

VB.Net

1. Structure is of _____ type.
 1. Simple
 - 2. Value**
 3. Reference
 4. Object
2. Which can help to prevent logic errors and data loss that can occur when the work is done between variables of different types?
 - 1. Option Strict**
 2. Option Restrict
 3. Option Limit
 4. Option
3. In vb.net, for declaring an event signature, what keyword must use?
 1. Signature
 2. ERef
 - 3. Event**
 4. Declare
4. To have one procedure handle the events for multiple controls, what clause can you use on the procedure?
 - 1. Handles**
 2. InstallHandler
 3. AddHandler
 4. AddHandle
5. In Vb.net, abstract class is specified using the keyword
 1. MustInherit
 - 2. Abstract**
 3. Inherit
 4. MustOverride
6. Select the invalid parameter in vb.net
 - 1.ByVal
 - 2. Optional ByVal**
 - 3.ByRef
 4. Out
7. What is the difference between Array and ArrayList Classes?
 1. Array is a standard array whereas ArrayList is a collection of arrays
 - 2. Array is a fixed array whereas ArrayList is a dynamic array**
 3. Array can be resized whereas ArrayList cant' be resized
 4. Both are same
8. Current thread property of the Thread class returns -----
 - 1. Main thread**
 2. Thread in which it is defined
 3. Any active thread in the program
 4. None of the above
9. AddressOf operator is used for referencing the delegates in VB.Net. True or False?
 - 1. True**
 2. False
 3. No Address of operator in VB.Net

10. ParamArray arguments are passed by in a function?

1. Always by reference
- 2. Always by value**
3. both
4. none

11. What is the keyword to Increase the size of an Array with out losing its contents

1. Declare
2. Dim
- 3. Redim**
- 4. Redim Preserve**

12. Under which of the following cases do we set the Option Strict to 'Off'?

1. Early Binding
2. Data Binding
- 3. Late Binding**
4. None Above

13. Which Of the following exceptions will you receive when an attempt is made to dynamically access a method that does not exist?

1. MissingMethodException
2. MethodDenyException
3. MethodNotFoundException
- 4. None Above**

14. The Size property represents a size structure that gives what aspects of a control?

1. Width
2. Height
3. Thickness
- 4. A and B**
5. A, B and C

15. In vb.net, constructor is always

- 1. Sub new()**
2. Constructor ()
3. Base class()
4. the class name itself

16. Every Windows Forms control inherits its events from:

- 1. System.Windows.Forms.Control**
2. System.Windows.Form.Control
3. System.Windows.Forms.Controls
4. System.Window.Form.Control
5. System.Windows.Control.Forms

C#

1. Which one will not combine with override

1. static
2. new
3. virtual
4. 1 and 2
5. 1 and 2 and 3

2. It is possible for a derived class to define a member that has the same name as the member in its base class. Which of the following keywords would you use If your intent is to hide the base class member?

1. virtual
2. sealed
3. ref
4. new

3. ' finally ' block in the try..catch statement will execute

1. when there is an exception in the try..catch block
2. when there is exception in the catch block only
3. when there is no exception

4. irrespective of whether an exception occurs or not

4. What is the output of following C# code ?

```
class MainClass
{
    static int Main()
    {
        System.Console.WriteLine(1 + 2 + " Strings " + false + '!');
        return 0;
    }
}
```

1. Syntax Error

2. 3 Strings False!

3. 12 Strings False!

4. 3 Strings False

5. What is the output of following C# code ?

```
using System;
class MainClass
{
    static void Main( )
    {
        string str = null ;
        if( str == "" )
            Console.WriteLine( "True" ) ;
        else
            Console.WriteLine( "False" ) ;
    }
}
```

1. True

2. False

3. Syntax error

4. NullReferenceException

6. Look at the statement below. What is a type of names?

```
foreach (string name in names)
{
    strNames+=name;
}
```

1. An one-dimensional array of strings
2. ArrayList.
3. string.

4. Both a and b are true.

7. Which of the following namespace should you use to access the registry from C# code?

1. System.MarshalByRefObject
2. System.Environment
- 3. Microsoft.Win32**
4. System.LocalDataStoreSlot

8. Which operator is used for connecting a event with a procedure in c#?

- 1. +=**
2. =
3. both
4. none

9. What is the output of following C# code ?

```
class MainClass
{
    static void Main( )
    {
        System.Console.Write( (int)(Vibgyor.Red) );
    }
}
enum Vibgyor :byte
{
    Violet,
    Indigo,
    Blue,
    Green,
    Yellow,
    Orange=255,
    Red
}
```

1. 1.0
2. 256

3. Syntax Error [enumerator value 'Vibgyor.Red' is too large to fit in its type].

4. Syntax Error [cannot cast 'Vibgyor.Red' to 'int']
5. 1

ASP.Net

1. Which of the following is the standard column type in the DataGrid
 1. TemplateColumn
 - 2. BoundColumn**
 3. ButtonColumn
 4. HyperLinkColumn
2. Which property of the AdRotator control points to the file with the information required to work?
 1. admethode
 2. adcontrol
 3. advertisementfile
 4. adlist.xml
3. Which is a key element of a Web application?
 1. Web form
 2. Web component manager
 3. Web front builder
 4. Web query engine
4. This class provides an empty control. You can create a new control by assembling existing controls on the surface of this control.
 1. ContainerControl
 2. The Component class
 3. The UserControl class
 4. The Control class
5. A web service class should include only functions that returns some value
 1. True
 2. False
 3. None of the above
 4. Incorrect question
6. Which control provides no visible interface elements.
 1. Datalist
 2. Dropdownlist
 3. Repeater
 4. Datagrid
7. ASP.NET has several built-in objects that are used to provide the required functionality in an ASP.NET application. They are:
 1. Request, Response
 2. Application, Session
 3. Server
 4. All of the Above
8. What is the valid event handlers that occur when a user closes his browser
 1. Session_End
 2. Application_End
 3. Browser_End
 4. Browser_Close

9. Which of the following statements indicates ASP.NET's advantage over ASP?
1. The user will be able to view the results of the script but cannot see the source code.
 2. You can create a web page with dynamic content.
 3. It can support strongly typed languages like VB and C#.
 4. None Above.
10. Which protocol is used by web services?
1. RMI
 2. SOAP
 3. TCP/IP
11. Which one of the following is NOT a valid state management tool?
1. Application State
 2. Hidden Form Fields
 3. Query State
 4. Session State
 5. Cookies

ADO.Net

1. Which class is used to execute the SQL statement or stored procedure against a data source.
1. Data adapter class
 2. connection class
 3. Dataset class
 4. **Command class**
2. "Dataset will be always disconnected".
1. **True**
 2. False
3. What is used to fetch values from the data source to the DataSet and also update the data source with the values in the DataSet?
1. DataReader
 2. DataAdapter
 3. DataManager
 4. None of the above.
4. A relationship within a DataSet is represented by which one of the following?
1. DataTable object
 2. DataColumn object
 3. Foreign-key relationship
 4. Primary-key relationship
 5. **DataRelation object**