✓ All Controllers in ASP.NET MVC (.Net Framework) inherit from the following class?   *1/1

- ◉ Controller   ✓
- ○ ControllerBase
- ○ Object
- ○ AsyncController

✓ All models in ASP.NET MVC inherit from the following class? *   1/1

- ◉ Object   ✓
- ○ Model
- ○ Controller
- ○ View

✗ An interface can be explicitly implemented using the following syntax? * 0/1

○ public class MyClass : IMyInterface { public void interfaceMethod(){} }

⦿ public class MyClass : IMyInterface { public void InterfaceMethod : IMyInterface(){} } ✗

○ public class MyClass : IMyInterface { public void IMyInterface:InterfaceMethod() {} }

○ public class MyClass : IMyInterface { void IMyInterface:InterfaceMethod(){} }

Correct answer

⦿ public class MyClass : IMyInterface { void IMyInterface:InterfaceMethod(){} }

✗ For Web Api, which of these methods performs an update? * 0/1

○ Get

⦿ Put ✗

○ Post

○ Delete

Correct answer

⦿ Post

✓ Give the output of the following code snippet? *   1/1
int [, ,] arr = new int [5,3,4];
Console.Write(arr.Rank +",");
Console.Write(arr.GetLength(1));

○ 3,5

○ 2,5

◉ 3,3   ✓

○ 3,4

✓ How do you ensure that a user must be logged in to call a particular   *1/1
Action method?

◉ [Authorize]   ✓

○ [Authenticate]

○ [AllowAnonymous]

○ [NoAction]

✕ In ASP.NET MVC CORE, what is the syntax to store a string in a session *0/1 variable?

○ Session["key"] = "Hello";

○ HttpContext.Session.Set("key", "Hello");

⦿ HttpContext.Session.SetInt32("key", "Hello");   ✕

○ HttpContext.Session.SetString("key", "Hello");

Correct answer

⦿ HttpContext.Session.SetString("key", "Hello");

✕ In ASP.NET MVC, bundling and minification can be turned on by doing *0/1 the following in the compilation section in web.config?

○ Set bundling = True

⦿ Set minification = True   ✕

○ Set debug = False

○ Set debug = True

Correct answer

⦿ Set debug = False

✓ In Reflection, the following class is used to represent the details of a *1/1
Class?

○ Class

● Type ✓

○ ReferenceType

○ Object

✓ In the following Entity Framework technique, the class is written first *1/1
and the database generated from the classes?

○ ModelFirst

● CodeFirst ✓

○ DbFirst

○ EntityFirst

✓ JIT compilation converts application run time from? * 1/1

○ Source code to IL Code

○ Source code to Byte Code

● IL to Native code ✓

○ IL to Assembly code

The .Net equivalent of a float in CSharp is? *

1/1

○ System.Float

○ System.Double

◉ System.Single ✓

○ System.Decimal

The Garbage Collector runs in the following situation? *

1/1

○ When you set a reference variable to null

○ When the destructor is called

○ When an object goes out of scope

◉ When the system has low physical memory ✓

To asynchronously call a method which takes a string parameter and does not have a return value using a delegate, the correct syntax would be ?

*1/1

○ MethodName("Hello");

○ DelegateObjectName("Hello");

○ DelegateClassName("Hello");

◉ DelegateObjectName.BeginInvoke(null,null,"Hello"); ✓

✓ To call a method that has a void return value, use the following inbuilt *1/1
delegate?

◉ Action ✓

○ Func

○ Predicate

○ Delegate

✓ To create a SqlDataReader in a function and to return the *1/1
SqlDataReader from the function, ideally the SqlDataReader should be
opened in the following manner?

○ SqlDataReaderdr = cmd.OpenReader();

○ SqlDataReaderdr = cmd.ExecuteReader();

◉ SqlDataReaderdr = ✓
cmd.ExecuteReader(CommandBehavior.CloseConnection);

○ SqlDataReaderdr = cmd.Read();

✕ To create a Task and start it immediately, we do the following? * 0/1

⦿ Create a Task object and call the taskobject.Start() method ✕

◯ Create a Task object and call the taskobject.Run() method

◯ Create a Task object and pass the methodname as a parameter

◯ Call Task.Run()

Correct answer

⦿ Call Task.Run()

✓ To iterate through a SortedList<int,string> using a foreach loop, we use *1/1
the following class?

◯ var

◯ SortedList<int,string>

◯ DictionaryEntry

⦿ KeyValuePair<int,string> ✓

To run a command that returns a single value use the following? * 1/1

○ Command.ExecuteReader()

○ Command.ExecuteNonQuery()

◉ Command.ExecuteScalar() ✓

○ Command.Single()

To use a thread already created and maintained by the CLR, we use the * 1/1
following class from System.Threading?

○ Thread

◉ ThreadPool ✓

○ ThreadStart

○ ParameterizedThreadStart

What does ICollection<T> directly inherit from? * 1/1

○ Object

◉ IEnumerable<T> ✓

○ ICollection

○ IList<T>

✓ What is a common set of rules that all .net languages must follow? * 1/1

- ◉ CLS ✓
- ◯ MSIL
- ◯ IL
- ◯ App Domains

✓ What will be the output of the following code snippet?public class
Class1 {
public int I{get;set;}
}
public class MainClass{
public static void Main() {
Class1 o1= new Class1{I=10};
Class1 o2= new Class1{I=20};
Swap(o1,o2);
Console.WriteLine($"{o1.I},{o2.I}");
}
public static void Swap(Class1 o1, Class1 o2){
Class1 temp=o1;
o1 = o2;
o2 = temp; }
}

○ Compilation Error

○ Runtime Error

◉ 10,20 ✓

○ 20,10

✗ What would be the output of the following code snippet?public static *0/1
void Main() {
try {
int i = 100, j = 0;i /= j;
Console.Write(i);
}catch (SystemException ex) {Console.WriteLine("SystemException");
}catch (DivideByZeroException ex)
{Console.WriteLine("DivideByZeroException");
}catch (Exception ex) {
Console.WriteLine("Exception");
}
}

- ⦿ SystemException ✗
- ◯ DivideByZeroException
- ◯ Exception
- ◯ Code will not compile

Correct answer

- ⦿ Code will not compile

✓ When is the static constructor called? * 1/1

- ◯ When the Assembly is loaded in memory
- ◯ When the Main() function is run
- ◯ When any object of the class is created
- ⦿ When the class is loaded into memory ✓

✗ Which command given at the command line is used to register an assembly as a shared assembly? *0/1

○ SharedUtil

○ GacUtil

○ InstallUtil

⦿ AssemblyUtil ✗

Correct answer

⦿ GacUtil

✓ Which does the FileMode.CreateNew do while opening a file? * 1/1

○ Overwrites a file if file already present. Creates a new file if file not present

○ Overwrites a file if file already present. Throws an exception if file not present

⦿ Throws an exception if file already present. Creates a new file if file not present ✓

○ Adds to a file if file already present. Creates a new file if file not present

✕ **Which of the following is correct syntax for a property accessor? ***   0/1

○ public int P1{ private get{…} private set{…} }

○ protected int P1{ private get{…} set{…} }

○ private int P1{ public get{…} set{…} }

◉ protected int P1{ public get{…} set{…} }   ✕

Correct answer

◉ protected int P1{ private get{…} set{…} }

✓ **Which of the following statements is False? ***   1/1

○ A SqlDataReader requires an open connection

◉ A DataSet requires an open connection   ✓

○ A SqlCommand requires an open connection

○ A SqlTransaction requires an open connection

✓ Which of the following statements is false? * 1/1

◉ Any base class method can be overridden in the derived class ✓

○ The derived class method must have the same signature as the base class method to override it

○ The derived class method must have the override keyword to override a base class method

○ Late binding occurs when you call a method that has been overridden

---

✓ Which of the following statements is false? * 1/1

○ An abstract class need not have an abstract method

○ All abstract methods are late bound

○ An abstract method must exist in an abstract class

◉ An abstract method can be implemented in the derived class by using the 'implements' keyword ✓

✓ Which of these Data Annotations allow us to specify pattern matching? * 1/1

◉ RegularExpression ✓

○ CustomValidation

○ DataType

○ DisplayFormat

✓ Which of these is available from in subsequent requests for the current *1/1
user only?

○ ViewData variable

○ TempData variable

● Session variable ✓

○ Cookie

✓ Which of these is available from the Controller to the View only and not *1/1
in subsequent requests or redirects?

● ViewData variable ✓

○ TempData variable

○ Session variable

○ Cache variable

✓ Which of these is not a reference type? * 1/1

● Enum ✓

○ Delegate

○ Array

○ Interface

✕ Which of these LINQ methods provides immediate execution? * 0/1

⦿ var x = y.AsParallel() ✕

◯ var x = y.ToList()

◯ var x = y.Select(…)

◯ var x = y.Where(…)

Correct answer

⦿ var x = y.ToList()

✓ Which of these statements is false for a struct? * 1/1

◯ All structs are value types

⦿ A struct can contain a constructor with no parameters ✓

◯ A struct can contain a property

◯ A struct can contain a private member

✓ Which of these WCF bindings is used to create a REST service? *   1/1

○ BasicHttpBinding

○ WsHttpBinding

◉ WebHttpBinding   ✓

○ RestHttpBinding

✓ Which of these will generate a compilation error? *   1/1

◉ var employees = emps.Select(emp=>emp.Name).Where(emp=>emp.Name.StartsWith("A"));   ✓

○ var employees = emps.Where(emp=>emp.Name.StartsWith("A")).Select(emp=>emp.Name);

○ var employees = emps.Where(emp=>emp.Name.StartsWith("A"));

○ var employees = emps.Select(emp=>emp.Name);

○ There is no Destructor in .Net

○ There is no Destructor in CSharp

◉ The statement is incorrect. You should write cleanup code in a Destructor   ✕

○ .Net follows nondeterministic finalization

Correct answer

◉ .Net follows nondeterministic finalization

Google Forms