

# MS.NET CCEE Mock Test1

Total points 9/40 ?

0 of 0 points

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Quiz

9 of 40 points

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

☒ [Authorize] ✓☐ [Authenticate]☐ [AllowAnonymous]☐ [NoAction]

✗ Which of these is available from in subsequent requests for the current user only? \*0/1

- ☒ ViewData variable
- ☐ TempData variable
- ☐ Session variable
- ☐ Cookie

✗

Correct answer

- ☒ Session variable

✗ In the following Entity Framework technique, the class is written first and the database generated from the classes \*0/1

- ☒ ModelFirst
- ☐ CodeFirst
- ☐ DbFirst
- ☐ EntityFirst

✗

Correct answer

- ☒ CodeFirst



✓ Which command given at the command line is used to register an assembly as a shared assembly?

\*1/1

- ☐ SharedUtil
- ☒ GacUtil
- ☐ InstallUtil
- ☐ AssemblyUtil



✗ 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(){} }`



✓ Why should you not write cleanup code in a Destructor in .Net? \*

1/1

- ☐ 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



✗ All Controllers in ASP.NET MVC (.Net Framework) inherit from the following class

\*0/1

- ☐ Controller
- ☐ ControllerBase
- ☐ Object
- ☒ AsyncController



Correct answer

- ☒ Controller



✗ Which of these will generate a compilation error \*

0/1

- ☐ 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);

✗

Correct answer

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

✗ In ASP.NET MVC, bundling and minification can be turned on by doing the \*0/1  
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



✖ What would be the output of the following code snippet? \*

0/1

```
public static void Main()
{
    try
    {
        inti = 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

**✗ Which of these is available from the Controller to the View only and not in subsequent requests or redirects? \*0/1**

☐ ViewData variable

☐ TempData variable

☐ Session variable

☒ Cache variable



Correct answer

☒ ViewData variable

**✗ Which of the following statements is False? \***

0/1

☐ A SqlDataReader requires an open connection

☐ A DataSet requires an open connection

☒ A SqlCommand requires an open connection



☐ A SqlTransaction requires an open connection

Correct answer

☒ A DataSet requires an open connection



✗ For Web Api, which of these methods is used to perform an update \*

0/1

- ☐ Get
- ☐ Put
- ☐ Post
- ☒ Delete

✗

Correct answer

- ☒ Post

✗ The .Net equivalent of a float in CSharp is \_\_\_\_\_ \*

0/1

- ☐ System.Float
- ☒ System.Double
- ☐ System.Single
- ☐ System.Decimal

✗

Correct answer

- ☒ System.Single





✗ When is the static constructor called? \*

0/1

- ☐ 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

✗

Correct answer

- ☒ When the class is loaded into memory

✗ In ASP.NET MVC CORE, what is the syntax to store a string in a session variable

\*0/1

- ☐ 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");



✗ 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 : \*0/1

- ☐ MethodName("Hello");
- ☒ DelegateObjectName("Hello");
- ☐ DelegateClassName("Hello");
- ☐ DelegateObjectName.BeginInvoke(null,null,"Hello");

✗

Correct answer

- ☒ DelegateObjectName.BeginInvoke(null,null,"Hello");

✗ In Reflection, the following class is used to represent the details of a Class \*0/1

- ☒ Class
- ☐ Type
- ☐ ReferenceType
- ☐ Object

✗

Correct answer

- ☒ Type



✗ To use a thread already created and maintained by the CLR, we use the following class from System.Threading \*0/1

- ☐ Thread
- ☐ ThreadPool
- ☒ ThreadStart
- ☐ ParameterizedThreadStart

✗

Correct answer

- ☒ ThreadPool

✗ 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 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 WCF bindings is used to create a REST service? \*

0/1

- ☐ BasicHttpBinding
- ☐ WsHttpBinding
- ☐ WebHttpBinding
- ☒ RestHttpBinding

✗

Correct answer

- ☒ WebHttpBinding



✗ Which does the FileMode.CreateNew do while opening a file? \*

0/1

- ☐ 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

Correct answer

- ☒ Throws an exception if file already present. Creates a new file if file not present

✗ To iterate through a SortedList<int,string> using a foreach loop, we use the following class \*0/1

- ☐ var
- ☒ SortedList<int,string> ✗
- ☐ DictionaryEntry
- ☐ KeyValuePair<int,string>

Correct answer

- ☒ KeyValuePair<int,string>



✗ Which of these Data Annotations allow us to specify pattern matching? \* 0/1

- ☐ RegularExpression
- ☒ CustomValidation
- ☐ DataType
- ☐ DisplayFormat

✗

Correct answer

- ☒ RegularExpression

✗ What does ICollection<T> directly inherit from \* 0/1

- ☒ Object
- ☐ IEnumerable<T>
- ☐ ICollection
- ☐ IList<T>

✗

Correct answer

- ☒ IEnumerable<T>



✓ To create a Task and start it immediately, we do the following \*

1/1

- ☐ 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()



✓ 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 call a method that has a void return value, use the following inbuilt delegate

\*0/1

- ☐ Action
- ☒ Func
- ☐ Predicate
- ☐ Delegate



Correct answer

- ☒ Action



✗ Which of these statements is false for a struct? \*

0/1

- ☐ 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

Correct answer

- ☒ A struct can contain a constructor with no parameters

✗ \_\_\_\_\_ is a common set of rules that all .net languages must follow \* 0/1

- ☐ CLS
- ☒ MSIL ✗
- ☐ IL
- ☐ App Domains

Correct answer

- ☒ CLS





✓ JIT compilation converts \_\_\_\_\_ to \_\_\_\_\_ at application run time \* 1/1

- ☐ Source code to IL Code
- ☐ Source code to Byte Code
- ☒ IL to Native code
- ☐ IL to Assembly code



✓ 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



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

- ☐ SqlDataReaderdr = cmd.OpenReader();
- ☐ SqlDataReaderdr = cmd.ExecuteReader();
- ☒ SqlDataReaderdr = cmd.ExecuteReader(CommandBehavior.CloseConnection);
- ☐ SqlDataReaderdr = cmd.Read();



✗ To run a command that returns a single value use the following \*

0/1

- ☐ Command.ExecuteReader()
- ☐ Command.ExecuteNonQuery()
- ☐ Command.ExecuteScalar()
- ☒ Command.Single()

✗

Correct answer

- ☒ Command.ExecuteScalar()

✗ Which of these is not a reference type \*

0/1

- ☐ Enum
- ☐ Delegate
- ☐ Array
- ☒ Interface

✗

Correct answer

- ☒ Enum



✗ Give the output of the following code snippet \*

0/1

```
int [ , , ] arr = new int [5,3,4];
```

```
Console.Write(arr.Rank + ",");
```

```
Console.Write(arr.GetLength(1));
```

☐ 3,5

☒ 2,5

☐ 3,3

☐ 3,4

Correct answer

☒ 3,3

✗

✓ All models in ASP.NET MVC inherit from the following class \*

1/1

☒ Object

☐ Model

☐ Controller

☐ View

✓



✖ What will be the output of the following code snippet? \*

0/1

```
public class Class1 {public int l{get;set;}}

public class MainClass

{

public static void Main()

{

    Class1 o1= new Class1{l=10};

    Class1 o2= new Class1{l=20};

    Swap(o1,o2);

    Console.WriteLine($"{o1.l},{o2.l}");

}

public static void Swap(Class1 o1, Class1 o2)

{

    Class1 temp=o1;

    o1 = o2;

    o2 = temp;

}

}
```

☒ Compilation Error

☐ Runtime Error

☐ 10,20

☐ 20,10

✖



Correct answer

☒ 10,20

✗ Which of the following statements is false \*

0/1

- ☐ 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 ✗

Correct answer

☒ Any base class method can be overridden in the derived class

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