

MS.NET CCEE Mock Test1

Total points 17/40

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Quiz

17 of 40 points

✓ The .Net equivalent of a float in CSharp is ____ *

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

✗ Which of the following statements is False? *

- ☒ 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

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

- ☒ 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



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

- ☒ 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

✗ 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 :

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

Correct answer

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



✗ Which of these LINQ methods provides immediate execution? *

- ☒ var x = y.AsParallel()
- ☐ var x = y.ToList()
- ☐ var x = y.Select(...)
- ☐ var x = y.Where(...)

Correct answer

- ☒ var x = y.ToList()

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

- ☐ 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()



✗ Which of the following is correct syntax for a property accessor? *

- ☒ 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 {...} }

✗ The Garbage Collector runs in the following situation *

- ☐ 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

Correct answer

- ☒ When the system has low physical memory



✗ In ASP.NET MVC, bundling and minification can be turned on by doing 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

✗ 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

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

Correct answer

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



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

- ☒ Object
- ☐ Model
- ☐ Controller
- ☐ View

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

- ☒ Get
- ☐ Put
- ☐ Post
- ☐ Delete

Correct answer

- ☒ Post

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

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



✓ What would be the output of the following code snippet? *

```
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

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

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

Correct answer

☒ Action

✗ JIT compilation converts _____ to _____ at application run time *

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

Correct answer

☒ IL to Native code



✓ To iterate through a `SortedList<int,string>` using a foreach loop, we use the following class

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

✗ Which of these is available from in subsequent requests for the current user only?

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

Correct answer

- ☒ Session variable

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

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



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

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

Correct answer

- ☒ Controller

✓ In Reflection, the following class is used to represent the details of a Class

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

✓ Which of the following statements is false *

- ☒ 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

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

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

Correct answer

- ☒ ThreadPool

✗ How do you ensure that a user must be logged in to call a particular Action method?

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

Correct answer

- ☒ [Authorize]



✗ An interface can be explicitly implemented using the following syntax *

- ☐ 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(){} }

✗ Which of these is not a reference type *

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

Correct answer

- ☒ Enum

✓ When is the static constructor called? *

- ☐ 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 of these Data Annotations allow us to specify pattern matching? *

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

Correct answer

- ☒ RegularExpression



✓ What will be the output of the following code snippet? *

```
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



✗ In the following Entity Framework technique, the class is written first and the database generated from the classes

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

Correct answer

- ☒ CodeFirst

✓ Which of the following statements is false *

- ☐ 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



✓ Give the output of the following code snippet *

```
int [ , , ] arr = new int [5,3,4];  
  
Console.Write(arr.Rank + ",");  
  
Console.Write(arr.GetLength(1));
```

- ☐ 3,5
- ☐ 2,5
- ☒ 3,3
- ☐ 3,4

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

- ☐ Session["key"] = "Hello";
- ☐ HttpContext.Session.Set("key", "Hello");
- ☐ HttpContext.Session.SetInt32("key", "Hello");
- ☒ HttpContext.Session.SetString("key", "Hello");

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

- ☐ 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



✓ _____ is a common set of rules that all .net languages must follow *

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

✓ What does ICollection<T> directly inherit from *

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

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

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

Correct answer

- ☒ GacUtil



✗ Which of these will generate a compilation error *

- ☐ 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"));

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

- ☒ ViewData variable
- ☐ TempData variable
- ☐ Session variable
- ☐ Cache variable

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