MS.NET CCEE Mock Test1

Total points 17/40

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Quiz   17 of 40 points

✗ 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");

Correct answer

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

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

◉ Controller

○ ControllerBase

○ Object

○ AsyncController

✗ **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 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

✓ **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

✓   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

✕ 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 WCF bindings is used to create a REST service? *

○ BasicHttpBinding

○ WsHttpBinding

○ WebHttpBinding

◉ RestHttpBinding

Correct answer

◉ WebHttpBinding

✓ Which of these LINQ methods provides immediate execution? *

○ var x = y.AsParallel()

⦿ var x = y.ToList()

○ var x = y.Select(....)

○ var x = y.Where(...)

✗ Which of these Data Annotations allow us to specify pattern matching? *

○ RegularExpression

⦿ CustomValidation

○ DataType

○ DisplayFormat

Correct answer

⦿ RegularExpression

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

⦿ SharedUtil

○ GacUtil

○ InstallUtil

○ AssemblyUtil

Correct answer

⦿ GacUtil

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

○ Get

◉ Put

○ Post

○ Delete

Correct answer

◉ Post

✕ 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 Task and start it immediately, we do the following *   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()

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

◉ CLS

○ MSIL

○ IL

○ App Domains

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

○ ViewData variable

○ TempData variable

◉ Session variable

○ Cookie

✕ 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

✓ What does ICollection<T> directly inherit from *

○ Object

◉ IEnumerable<T>

○ ICollection

○ IList<T>

✓ 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

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

○ [Authorize]

◉ [Authenticate]

○ [AllowAnonymous]

○ [NoAction]

Correct answer

◉ [Authorize]

✓ 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

✓ 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 not a reference type *

○ Enum

○ Delegate

◉ Array

○ Interface

Correct answer

◉ Enum

✕   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 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"));

✗   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(){} }

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

○ Command.ExecuteReader()

○ Command.ExecuteNonQuery()

○ Command.ExecuteScalar()

◉ Command.Single()

Correct answer

◉ Command.ExecuteScalar()

✕   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

Correct answer

◉ Code will not compile

✕   The .Net equivalent of a float in CSharp is _____ *   1

○ System.Float

○ System.Double

○ System.Single

◉ System.Decimal

Correct answer

◉ System.Single

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

◉ Object

○ Model

○ Controller

○ View

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

○ Class

○ Type

○ ReferenceType

○ Object

Correct answer

◉ Type

✓ 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

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

○ Thread

◉ ThreadPool

○ ThreadStart

○ ParameterizedThreadStart

✕ 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

Correct answer

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

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

◉ Action

◯ Func

◯ Predicate

◯ Delegate

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

◯ ModelFirst

◉ CodeFirst

◯ DbFirst

◯ EntityFirst

✕ 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);

1

✓ 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

1

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

○ publicint P1{ private get{…} private set{…} }

○ protectedint P1{ private get{…} set{…} }

○ privateint P1{ public get{…} set{…} }

◉ protectedint P1{ public get{…} set{…} }

Correct answer

◉ protectedint P1{ private get{…} set{…} }

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

◉ ViewData variable

○ TempData variable

○ Session variable

○ Cache variable

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