

CCEE Mock - DotNet - I

Total points 22/40 ?

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0 of 0 points

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MCQ Paper

22 of 40 points



✗ Among the given collections which is the I/O index based? *

0/1

- ☒ ArrayList
- ☐ BitArray
- ☐ Both other options

✗

Correct answer

- ☒ Both other options

✗ C# treats the multiple catch statements like cases in which statement? *

0/1

- ☒ if
- ☐ for
- ☐ while
- ☐ switch

✗

Correct answer

- ☒ switch



✗ Choose the correct option among the following indexers which correctly allows to index in same way as an array? *0/1

- ☐ A class
- ☐ An interface
- ☒ A function
- ☐ A property

✗

Correct answer

- ☒ A class



✗ Choose the correct statement about properties describing the indexers? * 0/1

- ☐ No need to use the name of the property while using an indexed property
- ☒ An indexer property should accept at least one argument ✗
- ☐ Indexers can be overloaded
- ☐ All of the other mentioned

Correct answer

- ☒ All of the other mentioned

✓ Choose the correct statement among the followings? * 1/1

- ☐ Indexers are location indicators
- ☐ Indexers are used to access class objects
- ☐ Indexer is a form of property and works in the same way as a property
- ☒ All mentioned ✓



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✗ Choose the keyword which declares the indexer? *

0/1

- ☐ base
- ☐ this
- ☐ super
- ☒ extract



Correct answer

- ☒ this

✓ Choose the namespace which supports multithreading programming? *

1/1

- ☐ System.net
- ☐ System.Linq
- ☒ System.Threading
- ☐ All of the mentioned



✗ Choose the operator/operators which is/are not used to access the [] operator in indexers? *0/1

- ☐ get
- ☐ set
- ☐ access
- ☒ all other mentioned

✗

Correct answer

- ☒ access

✓ How do you manage states in an ASP.NET application? * 1/1

- ☐ Viewstate
- ☐ Application Objects
- ☐ Session Objects
- ☒ All other mentioned

✓



✗ In C#, having unreachable code is always ? *

0/1

- ☐ method
- ☐ function
- ☐ error
- ☒ iterative

✗

Correct answer

- ☒ error



✗ On call of which type of method the new created thread will not start executing? *0/1

- ☐ Begin()
- ☐ Start()
- ☒ New()
- ☐ All other mentioned

✗

Correct answer

- ☒ Start()



✗ Operators that can be overloaded are? *

0/1

- ☐ ||
- ☒ '+='
- ☐ +
- ☐ []

✗

Correct answer

- ☒ +

✓ State whether the following statements about the Microsoft Intermediate *1/1
Language (MSIL) are TRUE or FALSE.i) The MSIL code includes
instructions to load, initialize and invoke methods on objectsii) The MSIL
code is collected and assembled in the form of byte codes and is
converted to a .NET assembly ?

- ☐ i-True, ii-False
- ☐ i-False, ii-True
- ☒ i-True, ii-True
- ☐ i-False, ii-False

✓



✓ Select the modifiers which can be used with the properties? *

1/1

- ☐ Private
- ☐ Public
- ☐ Protected Internal
- ☒ All of the mentioned



✓ Suppose value of the Capacity property of ArrayList Collection is set to 4. *1/1
What will be the capacity of the Collection on adding fifth element to it?

- ☐ 4
- ☒ 8
- ☐ 16
- ☐ 32





*0/1

The infrastructure that supports these dynamic operations at run time is called ?

☒ CLR



☐ CTS

☐ CLS

☐ DLR

Correct answer

☒ DLR



✗ To use the .NET Framework Data Provider for SQL Server, an application must reference to which namespace? *0/1

- ☐ System.Data.Client
- ☐ System.Data.SqlClient
- ☒ System.Data.Sql



Correct answer

- ☒ System.Data.SqlClient

✓ What does “public Thread(ThreadStart start)” specify? *

1/1

- ☐ Defines a thread
- ☐ Declaration of a thread constructor
- ☐ Only Defines a thread
- ☒ Only Defines a thread & Declaration of a thread constructor



✓ What ensures complete interoperability among applications, regardless of the language used to create the application? *1/1

☐ CLR

☐ CTS

☒ CLS

☐ FCL



✓ What function modifier can be put on a method in a base class to allow the child to override it? *1/1

☐ Abstarct

☐ Sealed

☒ Virtual

☐ Must Override



✗ What is Operator Overloading? *

0/1

- ☒ Enables user-defined operator implementations for various operators such as: =, typeof ✗
- ☐ The ability to declare more than one method with the same name but a different signature
- ☐ Enables user-defined operator implementations for various operators such as: true, false

Correct answer

- ☒ Enables user-defined operator implementations for various operators such as: true, false

✗ What is the vector in operator overloading? *

0/1

- ☐ class
- ☒ method() ✗
- ☐ data type

Correct answer

- ☒ data type



✓ Which among the following are the advantages of using indexers? * 1/1

- ☐ To use collection of items at a large scale we make use of indexers as they utilize objects of class that represent the collection as an array
- ☐ Indexers are also convenient as they can also make use of different types of indexers like int, string etc
- ☐ An indexer allows an object to be indexed such as an array
- ☒ All other mentioned ✓

✓ Which component in Asp.net MVC can be used to pass data between controller to view (Assume you have to pass current date and time)? *1/1

- ☐ ViewData["DateTime"] = DateTime.Now.ToString();
- ☒ ViewBag["DateTime"] = DateTime.Now.ToString(); ✓
- ☐ ViewState["DateTime"] = DateTime.Now.ToString();
- ☐ DataView["DateTime"] = DateTime.Now.ToString();



✗ Which keyword is used for using the synchronization features defined by the Monitor class? *0/1

- ☐ lock
- ☐ synchronized
- ☒ monitor
- ☐ locked

✗

Correct answer

- ☒ lock



✗ Which method is called when a thread is blocked from running temporarily?

*0/1

- ☐ Pulse()
- ☐ PulseAll()
- ☐ Wait()
- ☒ Hold()

✗

Correct answer

- ☒ Wait()

✓ Which method removes and returns the object at the beginning of the Queue?

*1/1

- ☐ public virtual void Dequeue();
- ☐ public virtual void Delete();
- ☐ public virtual void Clear();
- ☒ public virtual object Dequeue();

✓



✗ Which of the following is NOT an interface declared in System.Collections *0/1 namespace?

- ☐ IComparer
- ☐ IEnumerable
- ☒ IEnumerator
- ☐ IDictionaryComparer

✗

Correct answer

- ☒ IDictionaryComparer

✓ Which of the following is the correct way to find out the number of elements currently present in an ArrayList Collection called arr?

*1/1

- ☒ arr.Count
- ☐ arr.GrowSize
- ☐ arr.MaxIndex
- ☐ arr.Capacity

✓



✓ Which of the following keyword is used to overload user defined types by defining static member functions? *1/1

- ☐ opoverload
- ☒ operator
- ☐ operatoroverload



*

1/1

Which of the following statements is correct about a delegate?

- ☒ delegates provides wrappers for function pointers
- ☐ delegates are not type safe
- ☐ inheritance is a prerequisite for using delegates



✓ Which of these class is used to make a thread? *

1/1

- ☐ String
- ☐ System
- ☒ Thread
- ☐ Runnable



✓ Which of these keywords are used to implement synchronization? *

1/1

- ☐ sync
- ☐ syn
- ☐ synch
- ☒ synchronized



✓ Which of these method of Thread class is used to Suspend a thread for a *1/1 period of time?

☒ sleep()



☐ terminate()

☐ suspend()

☐ stop()

✓ Which Property we can use to gets or sets the number of elements that the ArrayList can Contain? *1/1

☐ Count

☐ Item

☒ Capacity



☐ Length



✗ What will be the output of the following C# code? *

0/1

```
using System;  
namespace MyApplication {  
    class Program {  
        static void Main(string[] args) {  
            bool x = true;  
            Console.Write(Convert.ToString(x));  
        }  
    }  
}
```

☐ True

☒ true

☐ false

☐ False

✗

Correct answer

☒ True



✗ What will be the output of the following C# code, if the input is 123? *

0/1

```
using System;  
namespace MyApplication {  
    class Program {  
        static void Main(string[] args) {  
            Console.WriteLine("Enter a number:");  
            int num = Console.ReadLine();  
            Console.WriteLine("Given number is: " + num);  
        }  
    }  
}
```

- ☐ Given number is:123
- ☒ Given number is: 123
- ☐ Given number is: "123"
- ☐ Error

✗

Correct answer

- ☒ Error



✓ What will be the output of the following C# code? *

1/1

```
using System;  
class Program {  
    public static void Main() {  
        int i = 10;  
        Console.WriteLine(i++);  
    }  
}
```

- ☒ 10
- ☐ 11
- ☐ 12
- ☐ Error



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