.Net CCEE test

Total points 23/40 ?

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

◯ a) op

◯ b) opoverload

◉ c) operator   ✓

◯ d) operatoroverload

✕ 2.Operators that can be overloaded are? 0/1

○ a) ||

◉ b) '+=' ✕

○ c) +

○ d) []

Correct answer

◉ c) +

✕ 3. What is the vector in operator overloading? 0/1

◉ a) class ✕

○ b) method()

○ c) data type

○ d) none of the mentioned

Correct answer

◉ c) data type

✕ 4.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

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

○ A. IComparer

○ B. IEnumerable

◉ C. IEnumerator   ✕

○ D. IDictionaryComparer

○ E. IDictionaryEnumerator

Correct answer

◉ D. IDictionaryComparer

✓   6.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?

○ A. 4

◉ B. 8   ✓

○ C. 16

○ D. 32

✕   7.Which of the following is the correct way to find out the number of   0/1
elements currently present in an *ArrayList* Collection called *arr*?

○ A. arr.Count

○ B. arr.GrowSize

○ C. arr.MaxIndex

◉ D. arr.Capacity   ✕

○ E. arr.UpperBound

Correct answer

◉ A. arr.Count

✗ 8. The … method removes and returns the object at the begining of the   0/1
   Queue.

⦿ A) public virtual void Dequeue();   ✗

○ B) public virtual void Delete();

○ C) public virtual void Clear();

○ D) public virtual object Dequeue();

Correct answer

⦿ D) public virtual object Dequeue();

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

○ A) Count

○ B) Item

⦿ C) Capacity   ✓

○ D) Length

✓ 10.Among the given collections which is the I/O index based?   1/1

○ a) ArrayList

○ b) BitArray

○ c) Stack

○ d) Queue

⦿ e) both a and b   ✓

✓ 11.Choose the correct statement among the followings? 1/1

○ a) Indexers are location indicators

○ b) Indexers are used to access class objects

○ c) Indexer is a form of property and works in the same way as a property

◉ d) All of the mentioned ✓

✓ 12. Choose the correct statement among the followings? 1/1

○ a) Indexers are location indicators

○ b) Indexers are used to access class objects

○ c) Indexer is a form of property and works in the same way as a property

◉ d) All of the mentioned ✓

✗ 13. Choose the keyword which declares the indexer? 0/1

◉ a) base ✗

○ b) this

○ c) super

○ d) extract

Correct answer

◉ b) this

✕ 14. Choose the operator/operators which is/are not used to access the [] operator in indexers? 0/1

○ a) get

○ b) set

○ c) access

◉ d) all of the mentioned ✕

Correct answer

◉ c) access

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

○ a) 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

○ b) Indexers are also convenient as they can also make use of different types of indexers like int, string etc

○ c) An indexer allows an object to be indexed such as an array

◉ d) All of the mentioned ✓

✓ 16. Choose the correct statement about properties describing the indexers? 1/1

○ a) No need to use the name of the property while using an indexed property

○ b) An indexer property should accept at least one argument

○ c) Indexers can be overloaded

◉ d) All of the mentioned ✓

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

○ a) A class

◉ b) An interface   ✕

○ c) A function

○ d) A property

Correct answer

◉ a) A class

✕   0/1

18.Select the modifiers which can be used with the properties?

○ Private

○ Public

◉ Protected Internal   ✕

○ All of the mentioned

Correct answer

◉ All of the mentioned

✓ 19. To use the .NET Framework Data Provider for SQL Server, an application 1/1 must reference the _____ namespace.

○ a) System.Data.Client

◉ b) System.Data.SqlClient   ✓

○ c) System.Data.Sql

○ d) None of the mentioned

✓ 20. Choose the namespace which supports multithreading programming? 1/1

○ a) System.net

○ b) System.Linq

◉ c) System.Threading   ✓

○ d) All of the mentioned

✗ 21. What does the following C# code snippet specify?   0/1

public Thread(ThreadStart start)

○ a) Defines a thread

◉ b) Declaration of a thread constructor   ✗

○ c) Only Defines a thread

○ d) Only Defines a thread & Declaration of a thread constructor

Correct answer

◉ d) Only Defines a thread & Declaration of a thread constructor

✓ 22.Which of these classes is used to make a thread?   1/1

○ a) String

○ b) System

◉ c) Thread   ✓

○ d) Runnable

✓ 23.On call of which type of method the new created thread will not start   1/1
   executing?

○ a) Begin()

◉ b) Start()   ✓

○ c) New()

○ d) All of the mentioned

✓ 24.Which of these methods of Thread class is used to Suspend a thread   1/1
   for a period of time?

◉ a) sleep()   ✓

○ b) terminate()

○ c) suspend()

○ d) stop()

✓   25.Which keyword is used for using the synchronization features defined   1/1
    by the Monitor class?

⦿   a) lock   ✓

○   b) synchronized

○   c) monitor

○   d) locked

✓   26. Which of these keywords are used to implement synchronization?   1/1

○   A. synchronize

○   B. syn

○   C. synch

⦿   D. synchronized   ✓

✓   27.Which method is called when a thread is blocked from running   1/1
    temporarily?

○   A. Pulse()

○   B. PulseAll()

⦿   C. Wait()   ✓

○   D. Both A and B

✓ 28.Which of these class is used to make a thread? 1/1

○ a) String

○ b) System

◉ c) Thread ✓

○ d) Runnable

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

◉ a) sleep() ✓

○ b) terminate()

○ c) suspend()

○ d) stop()

✗ 30.what will be the output of following code?   0/1

```
public static void Main()
{
    int k;
    display(k);
}

static void display(int val = 0)
{
    Console.Write(val);
}
```

○ Null

◉ 0   ✗

○ compile time error

○ runtime error

Correct answer

◉ compile time error

✓ 31.Which of the following statements is correct about a delegate?   1/1

○ inheritance is a prerequisite for using delegates

○ delegates are not type safe

◉ delegates provides wrappers for function pointers   ✓

○ none of the mentioned

✕ 32. The infrastructure that supports these dynamic operations at run time is called the............... 0/1

○ CLR

○ CTS

◉ CLS ✕

○ DLR

Correct answer

◉ DLR

✕ 33. In C#, having unreachable code is always a/an 0/1

○ method

◉ function ✕

○ error

○ itreative

Correct answer

◉ error

✓ 34.C# treats the multiple catch statements like cases in a ……………… statement   1/1

○ if

○ for

○ while

● switch ✓

✓ 35. 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();

✓ 36. 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 of the mentioned ✓

✗   37.State whether the following statements about the Microsoft   0/1
     Intermediate Language (MSIL) are TRUE or FALSE.
     i) The MSIL code includes instructions to load, initialize and invoke
     methods on objects
     ii) 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

Correct answer

◉ i-True, ii-True

✗   38.What function modifier can be put on a method in a base class to allow   0/1
     the child to override it?

○ Abstarct

◉ Sealed   ✗

○ Virtual

○ Must Override

Correct answer

◉ Virtual

✓　39. …….. ensures complete interoperability among applications, regardless　1/1
of the language used to create the application

◯　CLR

◯　CTS

⦿　CLS　　　　　　　　　　　　　　　　　　　　　　　✓

◯　FCL

✗　40.How do you manage states in an ASP.NET application?　　0/1

⦿　Viewstate　　　　　　　　　　　　　　　　　　　　　✗

◯　Application Objects

◯　Session Objects

◯　All of the above

Correct answer

⦿　All of the above

Google Forms