

QUIZ

Started on	Monday, 8 January 2024, 9:01 PM
State	Finished
Completed on	Monday, 8 January 2024, 9:40 PM
Time taken	39 mins 17 secs
Grade	23.00 out of 40.00 (57.5%)

Question 1

Complete

Mark 0.00 out of 1.00

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

- ☐ a. BitArray
- ☒ b. ArrayList
- ☐ c. Both other options

The correct answer is: Both other options

Question 2

Complete

Mark 1.00 out of 1.00

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

- ☐ a. if
- ☒ b. switch
- ☐ c. for
- ☐ d. while

The correct answer is: switch

Question 3

Complete

Mark 0.00 out of 1.00

Choose the correct option among the following indexers which correctly allows to index in same way as an array?

- ☐ a. A class
- ☐ b. A function
- ☐ c. A property
- ☒ d. An interface

The correct answer is: A class

Question 4

Complete

Mark 1.00 out of 1.00

What will be the output of following code?

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

- ☐ a. Null
- ☐ b. 0
- ☒ c. Compiletime Error
- ☐ d. Runtime Error

The correct answer is:
Compiletime Error

Question 5

Complete

Mark 0.00 out of 1.00

Choose the correct statement about properties describing the indexers?

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

The correct answer is: All of the mentioned

Question 6

Complete

Mark 1.00 out of 1.00

Choose the correct statement among the followings?

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

The correct answer is: All mentioned

Question 7

Complete

Mark 0.00 out of 1.00

Choose the correct statement among the followings?

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

The correct answer is: All of the mentioned

Question 8

Complete

Mark 0.00 out of 1.00

Choose the correct statement among the followings?

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

The correct answer is: All mentioned

Question 9

Complete

Mark 1.00 out of 1.00

Choose the keyword which declares the indexer?

- ☐ a. extract
- ☒ b. this
- ☐ c. super
- ☐ d. base

The correct answer is: this

Question 10

Complete

Mark 1.00 out of 1.00

Choose the namespace which supports multithreading programming?

- ☒ a. System.Threading
- ☐ b. All mentioned
- ☐ c. System.net
- ☐ d. System.Linq

The correct answer is: System.Threading

Question 11

Complete

Mark 0.00 out of 1.00

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

- ☒ a. all mentioned
- ☐ b. set
- ☐ c. get
- ☐ d. access

The correct answer is: access

Question 12

Complete

Mark 0.00 out of 1.00

How do you manage states in an ASP.NET application?

- ☐ a. All mentioned
- ☐ b. Session Objects
- ☐ c. Application Objects
- ☒ d. Viewstate

The correct answer is: All mentioned

Question 13

Complete

Mark 1.00 out of 1.00

In C#, having unreachable code is always ?

- ☒ a. error
- ☐ b. iterative
- ☐ c. method
- ☐ d. function

The correct answer is: error

Question 14

Complete

Mark 0.00 out of 1.00

On call of which type of method the new created thread will not start executing?

- ☐ a. Begin()
- ☐ b. All mentioned
- ☒ c. New()
- ☐ d. Start()

The correct answer is: Start()

Question 15

Complete

Mark 0.00 out of 1.00

Operators that can be overloaded are?

- ☐ a. '+='
- ☒ b. ||
- ☐ c. []
- ☐ d. +

The correct answer is: +

Question 16

Complete

Mark 1.00 out of 1.00

State whether the following statements about the Microsoft 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 ?

- ☐ a. i-True, ii-False
- ☐ b. i-False, ii-False
- ☐ c. i-False, ii-True
- ☒ d. i-True, ii-True

The correct answer is:
i-True, ii-True

Question 17

Complete

Mark 1.00 out of 1.00

Select the modifiers which can be used with the properties?

- ☐ a. Public
- ☐ b. Private
- ☒ c. All of the mentioned
- ☐ d. Protected Internal

The correct answer is: All of the mentioned

Question 18

Complete

Mark 1.00 out of 1.00

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

- ☒ a. 8
- ☐ b. 4
- ☐ c. 16
- ☐ d. 32

The correct answer is: 8

Question 19

Complete

Mark 1.00 out of 1.00

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

- ☐ a. CLR
- ☐ b. CTS
- ☐ c. CLS
- ☒ d. DLR

The correct answer is: DLR

Question 20

Complete

Mark 1.00 out of 1.00

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

- ☐ a. None of the mentioned
- ☐ b. System.Data.Sql
- ☒ c. System.Data.SqlClient
- ☐ d. System.Data.Client

The correct answer is: System.Data.SqlClient

Question 21

Complete

Mark 1.00 out of 1.00

What does "public Thread(ThreadStart start)" specify?

- ☐ a. Declaration of a thread constructor
- ☐ b. Defines a thread
- ☒ c. Only Defines a thread & Declaration of a thread constructor
- ☐ d. Only Defines a thread

The correct answer is: Only Defines a thread & Declaration of a thread constructor

Question 22

Complete

Mark 0.00 out of 1.00

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

- ☒ a. CLR
- ☐ b. CTS
- ☐ c. CLS
- ☐ d. FCL

The correct answer is: CLS

Question 23

Complete

Mark 1.00 out of 1.00

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

- ☐ a. Must Override
- ☐ b. Sealed
- ☒ c. Virtual
- ☐ d. Abstarct

The correct answer is: Virtual

Question 24

Complete

Mark 0.00 out of 1.00

What is Operator Overloading?

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

The correct answer is: Enables user-defined operator implementations for various operators such as: true, false

Question 25

Complete

Mark 1.00 out of 1.00

What is the vector in operator overloading?

- ☒ a. data type
- ☐ b. method()
- ☐ c. class
- ☐ d. none of the mentioned

The correct answer is: data type

Question 26

Complete

Mark 0.00 out of 1.00

Which among the following are the advantages of using indexers?

- ☐ 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. All mentioned
- ☐ d. An indexer allows an object to be indexed such as an array

The correct answer is: All mentioned

Question 27

Complete

Mark 0.00 out of 1.00

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)?

- ☐ a. ViewData["DateTime"] = DateTime.Now.ToString();
- ☐ b. DataView["DateTime"] = DateTime.Now.ToString();
- ☐ c. ViewBag["DateTime"] = DateTime.Now.ToString();
- ☐ d. ViewState["DateTime"] = DateTime.Now.ToString();

The correct answer is: ViewBag["DateTime"] = DateTime.Now.ToString();

Question 28

Complete

Mark 1.00 out of 1.00

Which keyword is used for using the synchronization features defined by the Monitor class?

- ☐ a. locked
- ☐ b. monitor
- ☐ c. synchronized
- ☒ d. lock

The correct answer is: lock

Question 29

Complete

Mark 1.00 out of 1.00

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

- ☐ a. Pulse()
- ☐ b. PulseAll()
- ☐ c. Hold()
- ☒ d. Wait()

The correct answer is: Wait()

Question 30

Complete

Mark 0.00 out of 1.00

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

- ☒ a. public virtual void Dequeue();
- ☐ b. public virtual void Delete();
- ☐ c. public virtual object Dequeue();
- ☐ d. public virtual void Clear();

The correct answer is: public virtual object Dequeue();

Question 31

Complete

Mark 1.00 out of 1.00

Which of the following is NOT an interface declared in System.Collections namespace?

- ☐ a. IEnumerable
- ☐ b. IEnumerator
- ☒ c. IDictionaryComparer
- ☐ d. IComparer

The correct answer is: IDictionaryComparer

Question 32

Complete

Mark 1.00 out of 1.00

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

- ☐ a. arr.GrowSize
- ☒ b. arr.Count
- ☐ c. arr.MaxIndex
- ☐ d. arr.Capacity

The correct answer is: arr.Count

Question 33

Complete

Mark 1.00 out of 1.00

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

- ☒ a. operator
- ☐ b. opoverload
- ☐ c. operatoroverload
- ☐ d. op

The correct answer is: operator

Question 34

Complete

Mark 1.00 out of 1.00

Which of the following statements is correct about a delegate?

- ☒ a. delegates provides wrappers for function pointers
- ☐ b. none of the mentioned
- ☐ c. inheritance is a prerequisite for using delegates
- ☐ d. delegates are not type safe

The correct answer is: delegates provides wrappers for function pointers

Question 35

Complete

Mark 1.00 out of 1.00

Which of these class is used to make a thread?

- ☐ a. String
- ☒ b. Thread
- ☐ c. Runnable
- ☐ d. System

The correct answer is: Thread

Question 36

Complete

Mark 1.00 out of 1.00

Which of these classes is used to make a thread?

- ☐ a. Runnable
- ☐ b. String
- ☒ c. Thread
- ☐ d. System

The correct answer is: Thread

Question 37

Complete

Mark 0.00 out of 1.00

Which of these keywords are used to implement synchronization?

- ☐ a. synchronized
- ☒ b. sync
- ☐ c. syn
- ☐ d. synch

The correct answer is: synchronized

Question 38

Complete

Mark 0.00 out of 1.00

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

- ☐ a. stop()
- ☐ b. sleep()
- ☐ c. terminate()
- ☒ d. suspend()

The correct answer is: sleep()

Question 39

Complete

Mark 0.00 out of 1.00

Which of these methods of Thread class is used to Suspend a thread for a period of time?

- ☐ a. stop()
- ☐ b. terminate()
- ☐ c. sleep()
- ☒ d. suspend()

The correct answer is: sleep()

Question 40

Complete

Mark 1.00 out of 1.00

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

- ☐ a. Length
- ☐ b. Item
- ☐ c. Count
- ☒ d. Capacity

The correct answer is: Capacity