MCQS OF C#

1. How many Bytes are stored by ‘Long’ Data type in C# .net?

**a) 8**

b) 4

c) 2

d) 1

2. Choose “.NET class” name from which data type “UInt” is derived?

a) System.Int16

**b) System.UInt32**

c) System.UInt64

d) System.UInt16

3. Correct Declaration of Values to variables ‘a’ and ‘b’?

a) int a = 32, b = 40.6;

b) int a = 42; b = 40;

**c) int a = 32; int b = 40;**

d) int a = b = 42;

5. Arrange the following data type in order of increasing magnitude sbyte, short, long, int.

a) long < short < int < sbyte

**b) sbyte < short < int < long**

c) short < sbyte < int < long

d) short < int < sbyte < long

6. Which data type should be more preferred for storing a simple number like 35 to improve execution speed of a program?

**a) sbyte**

b) short

c) int

d) long

8. Correct way to assign values to variable ‘c’ when int a=12, float b=3.5, int c;

a) c = a + b;

b) c = a + int(float(b));

**c) c = a + convert.ToInt32(b);**

d) c = int(a + b);

11. Default Type of number without decimal is?

a) Long Int

b) Unsigned Long

**c) Int**

d) Unsigned Int

### 1. CLR is the .Net equivalent of \_\_\_\_\_.

1. Java Virtual machine
2. Common Language Runtime
3. Common Type System
4. Common Language Specification

**Ans: A**

### 2. Abstract class contains \_\_\_\_\_.

1. Abstract methods
2. Non Abstract methods
3. Both
4. None

**Ans: C**

### 3. The default scope for the members of an interface is \_\_\_\_\_.

1. private
2. public
3. protected
4. internal

**Ans: B**

### 4. Which of the following statements is incorrect about delegate?

1. Delegates are reference types.
2. Delegates are object-oriented.
3. Delegates are type-safe.
4. Only one can be called using a delegate.

**Ans : D**

### 5. The space required for structure variables is allocated on the stack.

1. True
2. False
3. Maybe
4. Can’t say

**Ans: A**

### 6. Which of the following is incorrect about constructors?

1. Defining of constructors can be implicit or explicit.
2. The calling of constructors is explicit.
3. Implicit constructors can be parameterized or parameterless.
4. Explicit constructors can be parameterized or parameterless.

**Ans: C**

### 7. Reference is a \_\_\_.

1. Copy of class which leads to memory allocation.
2. Copy of class that is not initialized.
3. Pre-defined data type.
4. Copy of class creating by an existing instance.

**Ans: D**

### 8. The data members of a class by default are?

1. protected, public
2. private, public
3. private
4. public

**Ans: C**

### 9. What is the value returned by function compareTo( ) if the invoking string is less than the string compared?

1. Zero
2. A value of less than zero
3. A value greater than zero
4. None of the mentioned

**Ans: B**

### 10. The correct way to overload +operator?

1. public sample operator + (sample a, sample b)
2. public abstract operator + (sample a, sample b)
3. public static operator + (sample a, sample b)
4. all of the mentioned above

**Ans: D**

### 11. Select the two types of threads mentioned in the concept of multithreading?

1. Foreground
2. Background
3. Only foreground
4. Both foreground and background

**Ans: D**

### 12. Choose the wrong statement about properties used in C#.Net?

1. Each property consists of accessor as getting and set.
2. A property cannot be either read or write-only.
3. Properties can be used to store and retrieve values to and from the data members of a class.
4. Properties are like actual methods that work like data members.

**Ans: A**

### 13. If a class ‘demo’ had ‘add’ property with getting and set accessors, then which of the following statements will work correctly?

1. math.add = 20;
2. math m = new math();  
   m.add = 10;
3. Console.WriteLine(math.add);
4. None of the mentioned

**Ans: A**

1. What is used to add a Label control to a form?

a) Label Tool

b) Add Tool

c) Add Control Tool

d) Add Label Tool

View Answer

Answer: a

Explanation: Label Tool is used to add a Label control to a form. Label control is used to identify objects on a form, provide a description of what a certain control will do if clicked.

2. What is the purpose of the label control?

a) To display the text that the user is not allowed to edit while the application is not running

b) To display the text that the user is allowed to edit while the application is not running

c) To display the text that the user is not allowed to edit while the application is running

d) To display the text that the user is allowed to edit while the application is running

View Answer

Answer: c

Explanation: The purpose of the label control is to display the text that the user is not allowed to edit while the application is running. It does not display the text that is allowed to edit. The text allowed to edit is mainly displayed by text box.

3. The size of \_\_\_\_\_\_\_\_\_\_\_\_\_ is determined by the label’s margin property.

a) margin lines

b) label

c) border lines

d) label lines

View Answer

Answer: a

Explanation: The size of margin lines is determined by the label’s margin property. These margin lines help to align controls on the form.

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4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_is the default name assigned to the label control.

a) Label0

b) Label1

c) NewLabel

d) DefaultLabel

View Answer

Answer: b

Explanation: Label1 is the default name applied to the label control. When a first label is on the form it is named as Label1. When another label is brought in, it is named as Label2 and it goes so on.

5. Margin lines are \_\_\_\_\_\_\_\_\_\_\_\_\_\_ in colour.

a) Blue

b) Red

c) Green

d) Black

View Answer

Answer: a

Explanation: Margin lines are blue in colour. Margin lines help to align controls on the form.

6. Which property determines the value that appears inside the control?

a) Label Text property

b) Label control’s Text property

c) Text Property

d) Text Design Property

View Answer

Answer: b

Explanation: Label control’s Text Property determined the value that appears inside the control. The text cannot be edited while the application is running. At times the text can be hidden and made visible only when certain part of the application is running.

7. Which property specifies the position of the upper left corner of the control?

a) Top Property

b) Position Property

c) Location Property

d) Starting Position Property

View Answer

Answer: c

Explanation: Location Property specifies the position of the upper left corner of the control. It gets or sets the upper left corner of the control relative to the upper left corner of the controller.

8. Which property in the property list is used to change the text, style or size of the control’s text?

a) Font

b) Origin

c) Style

d) Appearance

View Answer

Answer: a

Explanation: Font property in the property list is used to change the text, style or size of the control’s text. Font helps to make the appearance of the text in the label better.

9. Which menu provides option for manipulating the control’s on the form?

a) Format menu

b) Control Menu

c) Manipulate Menu

d) Property List

View Answer

Answer: a

Explanation: Format Menu provides the option for manipulating the control’s on the form. It aligns selected objects with each other using the control with the white grab handles as the reference.

10. Which option is used to align two or more controls by their left, right, top or bottom borders?

a) Align option

b) Range option

c) Associate option

d) Alignment option

View Answer

Answer: a

1. C# is a?

A. general-purpose programming language

B. object-oriented programming language

C. modern programming language

D. All of the above

View Answer

Ans : D

Explanation: C# is a modern, general-purpose, object-oriented programming language

2. C# developed by?

A. IBM

B. Google

C. Microsoft

D. Facebook

View Answer

Ans : C

Explanation: C# developed by Microsoft and approved by European Computer Manufacturers Association (ECMA) and International Standards Organization (ISO).

3. CLI in C# Stands for?

A. Common Language Infrastructure

B. Code Language Infrastructure

C. Computer Language Infrastructure

D. C# Language Infrastructure

View Answer

Ans : A

Explanation: C# is designed for Common Language Infrastructure (CLI), which consists of the executable code and runtime environment that allows use of various high-level languages on different computer platforms and architectures.

4. C# has strong resemblance with?

A. C

B. C++

C. Java

D. Python

View Answer

Ans : C

Explanation: It has strong resemblance with Java, it has numerous strong programming features that make it endearing to a number of programmers worldwide.

5. Which of the following not true about C#?

A. It is component oriented

B. It is a unstructured language

C. It is easy to learn

D. It is a part of .Net Framework.

View Answer

Ans : B

Explanation: C# is a structured language.

6. Choose .NET class name from which data type UInt is derived?

A. System.Int16

B. System.UInt32

C. System.UInt64

D. System.UInt16

View Answer

Ans : B

Explanation: By Definition class assigned to

i) System.Int16 = short.

ii) System.UInt32 = UInt.

iii) System.UInt64 = ULong.

iv) System.UInt16 = UShort.

7. The first line of the program is?

A. using System

B. namespace

C. using namespace

D. None of the above

View Answer

Ans : A

Explanation: The first line of the program using System; - the using keyword is used to include the System namespace in the program. A program generally has multiple using statements.

8. A namespace is a collection of classes.

A. TRUE

B. FALSE

C. Can be true or false

D. Can not say

View Answer

Ans : A

Explanation: A namespace is a collection of classes. The HelloWorldApplication namespace contains the class HelloWorld.

9. In C#, Save the file using?

A. .c extension

B. .csharp extension

C. .net extension

D. .cs extension

View Answer

Ans : D

Explanation: Save the file as helloworld.cs

10. Number of digits upto which precision value of float data type is valid?

A. Upto 6 digit

B. Upto 7 digit

C. Upto 8 digit

D. Upto 9 digit

View Answer

Ans : B