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## C# Online Test

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#### Q1. C# was developed by

- A. Bjarne Stroustrup
- **B. Anders Hejlsberg**
- C. Dennis M. Ritchie
- D. Rasmus Lerdorf

#### Q2. Which of the following is the valid size of float data type?

- **A. 4 Bytes**
- B. 6 Bytes
- C. 8 Bytes
- D. 10 Bytes

#### Q3. Which of the following String method is used to compare two strings with each other?

- A. Compare To()
- B. ConCat()
- **C. Compare()**
- D. Copy()

#### Q4. Which of the following Syntax is used for declaration and initialization of data variable?

- A. ;

- **B. = ;**
- C. ;
- D. = ;

**Q5. Which of the following is the subset of 'int' data type?**

- A. long, ulong, uint
- **B. long, float, double**
- C. long, float, ushort
- D. long, ulong, ushort

**Q6. \_\_\_\_\_ converts a type to a signed byte type in C#.**

- A. ToSingle
- B. ToInt64
- **C. ToSbyte**
- D. ToInt32

**Q7. Which of the following option is default access specifier of a class?**

- A. Protected
- **B. Internal**
- C. Private
- D. Public

**Q8. Which of the following keyword is used to refer baseclass constructor to subclass constructor?**

- A. static
- B. This
- **C. base**
- D. extend

**Q9. Which of the following keyword is used for correct implementation of an interface in C#.NET?**

- A. Interface
- **B. interface**
- C. intf

- D. Intf

**Q10. Which of following constructors is used to create an empty String object?**

- A. String(void)
- **B. String()**
- C. String(0)
- D. All of the above

**Q11. We use \_\_\_\_\_ to fully abstract a class from its implimentation.**

- **A. Interfaces**
- B. objects
- C. Packages
- D. Function Definitions

**Q12. C# class is inherit the multiple \_\_\_\_\_.**

- A. Static classes
- **B. Interfaces**
- C. Classes
- D. Abstract classes

**Q13. Which of the following option is correct about indexer?**

- A. It allows enumerator with class
- B. It creates index for instances of a class.
- **C. It allows an instance of a class to be indexed like an array**
- D. None of These

**Q14. Which of the following option is correct about ReadOnly variables?**

- A. Value will be assigned when it accessed first time
- B. Value will be assigned at compile time.
- **C. Value will be assigned at runtime.**
- D. All of the above

**Q15. What is the full form of LINQ?**

- A. Local Integration Query
- **B. Language Integrated Query**
- C. Language Included Query
- D. None of the above

**Q16. \_\_\_\_\_ is the right way of declaring an array.**

- A. `int intArray[] = new int[5];`
- B. `int[] intArray = new int[];`
- C. `int[5] intArray = new int[];`
- **D. `int[] intArray = new int[5];`**

**Q17. Which of the following is a Reference?**

- A. Pre-defined data type
- B. Copy of class that is not initialized.
- **C. Copy of class creating by an existing instance.**
- D. Copy of class which leads to memory allocation.

**Q18. Which of the following is not the ordered collection class?**

- A. Queue
- **B. BitArray**
- C. Stack
- D. All of the above

**Q19. Which of the following class contains only floating point functions?**

- A. Process
- **B. Math**
- C. System
- D. Object

**Q20. \_\_\_\_\_ return absolute value of a variable.**

- A. Absolute()
- **B. Abs()**
- C. Absolutevariable()
- D. All of the above

**Q21. what is the latest version of c#?**

- A. 8.0
- B. 7.0
- **C. 9.0**
- D. 9.1

**Q22. what is the file extension of c#?**

- A. .cs
- B. .csx
- C. .csp
- **D. both .cs & .csx**

**Q23. What is the default value of Boolean Data type?**

- A. 0
- B. 1
- C. True
- **D. False**

**Q24. What is the need for 'Conversion of data type' in C#?**

- A. To get desired data
- B. To store a value of one data type into a variable of another data type
- **C. To prevent situations of runtime error during change or conversion of data type**
- D. None of above

**Q25. Types of 'Data Conversion' in C#?**

- A. Explicit Conversion
- B. Implicit Conversion
- **C. both Explicit & Implicit Conversion**

- D. None of above

**Q26. What are the disadvantages of Explicit Conversion?**

- A. Potentially Unsafe
- B. Results in loss of data
- C. Makes program memory heavier
- D. None of above

**Q27. Which of the following is not an arithmetic operator in C#.NET?**

- A. /
- B. \*\*
- C. +
- D. %

**Q28. How many times can a constructor be called during lifetime of the object?**

- A. Only once.
- B. As many times as we call it.
- C. Any number of times before the object is deleted.
- D. None of above

**Q29. Which of the following assemblies can be stored in Global Assembly Cache?**

- A. Friend Assemblies
- B. Private Assemblies
- C. Public Assemblies
- D. Shared Assemblies

**Q30. Which of the following is the root of the .NET type hierarchy?**

- A. System.Type
- B. System.Base
- C. System.Object
- D. System.Root

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