

CS411 Quiz-1 BY Attiq Kundi

SUBSCRIBE “[Knowledge For Us](#)” ON

YOU TUBE CS411 100 % CORRECT

MCSQ

AND Many MoRe

- keyword is used to declare a base class method while performing overriding of base class method.
A. Overload
B. Virtual
C. Extend
D. Override
- 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. An interface
D. A property
- A class can inherit from _____ class/classes in C#.
A. Three
B. Single
C. Two
D. Multiple
- Which one of the following is not the feature of C#?
A. Multiple inheritance
B. Interface supported
C. Locals can not shadow global variables
D. Operator Overloading is allowed
- Which keyword is used to declare the indexers?
A. super
B. base
C. this
D. extract
- The common type system of C# has value types and ____ types.
A. Class
B. Object
C. Reference
D. Enum
- Select the correct statement about the structure in C#?

A. Its syntax is similar to class

B. It can implement destructors

C. It is a reference type

D. It can implement inheritance

8. Reaction of events are either _____ or _____.

A. Asynchronous, Blocking

B. Synchronous, Blocking

C. Blocking, Synchronous

D. Synchronous, Asynchronous

9. is an example of request and response based application
- A. Web browser**
- B. E –Commerce Site
- C. Pressing a button
- D. Swiping of credit card
10. Which of the following is built from request-response?
- A. Event-based Architecture (EBA)
- B. Service-driven Architecture (SDA)
- C. Service-oriented Architecture (SOA)**
- D. Event-processing Architecture (EDA)
11. _____ and delegates work hand in hand. (Page-38)
- A. Static member
- B. Event**
- C. Post-processor
- D. Pre-processor
12. In C#, when a value type is converted to object type, it is called__.
- A. Polymorphism
- B. Abstraction
- C. Boxing**
- D. Data Conversion
13. Which keyword is used for correct implementation of an interface in C#?
- A. Intf
- B. Interface**
- C. Int Interface
- D. Interfaces
14. The main method return a non-zero value which indicates the
- A. Exception in program
- B. Termination of program
- C. Error in program**
- D. Success of program
15. is an occurrence within a particular system or domain.
- A. Program
- B. Class
- C. Event**
- D. Object
16. Select wrong statement about destructor in C#?
- A. Destructor can have modifiers or parameter**
- B. Destructor cannot be inherited or overloaded
- C. Destructor work opposite to constructor
- D. Class can have one destructor only
17. The main method returns zero value which indicates the
- A. Successful execution of program**
- B. Source of program

- C. Termination of program
 - D. Exception in program
18. In C#, which of the following keyword is used for including the namespaces in the program?
- A. using**
 - B. extend
 - C. import
 - D. #
19. When your C# program is compiled, it creates a file called
- A. Exe**
 - B. Class
 - C. Object
 - D. Assembly
20. Which of the following is an insertion operator in C++?
- A. <<**
 - B. >
 - C. - -
 - D. &
21. C# is a class member that is activated whenever the event . it was designed for.
- Occurs
- A. Attributes
 - B. Arguments
 - C. Method
 - D. Event**
22. A fraud detection event on banking transaction is an example of ____.
- A. Linear event
 - B. Sequential event
 - C. Predictive event
 - D. Probabilistic event**
23. In C++, which of the following library is include for 'cin' and 'cout' function?
- A. #include<fstream.h>
 - B. #include<fstream>
 - C. #include<conio.h>
 - D. #include<iostream>**
24. Which of the following doesn't have Graphical User Interface and the Event-Driven Model?
- A. Console-Application**
 - B. Web Application
 - C. Mobile Application
 - D. Desktop Application
25. A stream in which the events may be of different types is referred to as a **heterogeneous** event stream. (Page-10)
- A. Continuous
 - B. Homogenous
 - C. Heterogeneous**
 - D. Mutual

26. Defining a method in subclass having same name and type signature as a method in its super class is known as
- A. Method hiding
 - B. Method Overloading
 - C. Method Binding
 - D. Method Overriding**
27. A single try block must be followed by which of these?
- A. Finally
 - B. Catch
 - C. Both Finally and catch**
 - D. Throw
28. By default the data member of a class are
- A. Protected, public
 - B. Public
 - C. Private**
 - D. Private, Public
29. Exception are derived from _____ class. (Page-39)
- A. Windows error
 - B. Exception error
 - C. System exception**
 - D. Error Exception
30. Which of the following does NOT include in event processing operations?
- A. Terminating Event**
 - B. Deleting Event
 - C. Transforming Event
 - D. Reading Event
31. What is the return type of destruction?
- A. Float
 - B. No return type**
 - C. Void
 - D. Int
32. At the time an event is fired, the _____ method (with that event) will be invoked.
- A. Public**
 - B. Protected
 - C. Registered
 - D. Private
33. C# is a ___ and .NET is a ___.
- A. Platform, Language
 - B. Package, Language
 - C. Language, Package
 - D. Language, Platform**
34. Which of the following is an entity that introduces event into the system?
- A. Event producer**
 - B. Event Stream

- C. Event Channel
 - D. Event Consumer
35. _____ is an entity that receive event from the system?
- A. Event producer
 - B. Event Consumer**
 - C. Raw event
 - D. Event stream
36. Which of the following is the object-oriented way to handle run time errors?
- A. OnError () Method
 - B. Exception**
 - C. Interface
 - D. Error Code
37. Why do we use cin.get() in C++ program?
- A. It is used to print all values of array
 - B. It is used to get numeric data
 - C. It is used to access character array**
 - D. It is used to take input from user
38. Types not defined in any namespace are said to reside in the __ namespace.
- A. Static
 - B. Virtual
 - C. Global**
 - D. Local

Reason: Types not defined in any namespace are said to reside in the global namespace. The global namespace also includes top-level namespaces

39. Arrays in C# are _____ object.
- A. Logical
 - B. Arithmetic
 - C. Reference**
 - D. Value
40. The initial name for C# was _____.
- A. COAL
 - B. COOP
 - C. COAP
 - D. COOL**
41. Which of the following is declared like a class but have no implementation?
- A. Encapsulation
 - B. Structure
 - C. Interface**
 - D. Inheritance

42. Which of the following keyword is used to change data and behavior of a base class by replacing a member of the base class with the new derived member.
- A. Base
 - B. Overrides
 - C. Overloads
 - D. New**
43. A stream in which all the events must be of same types is called **Homogenous** event stream. (Page-10)
- A. Continuous
 - B. Homogenous**
 - C. Heterogeneous
 - D. Mutual
44. Select the correct statement about an exception>
- A. It occurs during Just-in-time compilation
 - B. It occurs at runtime**
 - C. It occurs during loading of program
 - D. It occurs during data binding
45. _____ is not a defense against patents and clean room design?
- A. Independent Invention**
 - B. Event Invention
 - C. Dependent Invention
 - D. Clear room design
46. COOL stands for ____.
- A. Class Oriented Object Language
 - B. Consumer Oriented Object Language
 - C. C-like Object Oriented Language**
 - D. C++-like Oriented Language
47. operator is used to signifies the destructor in C#?
- A. #
 - B. =
 - C. &
 - D. ~**
48. What is the return type of destruction?
- A. Int
 - B. Float
 - C. Void
 - D. No return types**
49. An Event that is generated as a result of event processing that take place inside an event processing system is called . (Page-10)

- A. Event Stream
 - B. Derived Event**
 - C. Raw Event
 - D. Event Consumer
50. Choose the incorrect statement about delegates in C#?
- A. Delegates are value type
 - B. Delegates are like function pointers in other language
 - C. Delegates are object oriented
 - D. Delegates are type safe**
51. is the method of copying a design by reverse engineering and then recreating it without infringing any of the copyrights and trade secrets associated with the original design. (Page-12)
- A. Clear Room Design
 - B. Event Room design
 - C. Clean Room Design**
 - D. Wall Room Design
52. Which of the following statement is TRUE about raw event?
- A. It is a subscription mechanism for event
 - B. It is introduced into an event processing system by an event consumer
 - C. It is generate as a result of event processing
 - D. It is introduced into an event processing system by an event producer**
53. Which symbol is used to declare the preprocessor directives?
- A. *
 - B. #**
 - C. \$
 - D. ^
54. Which of these keyword is used to manually throw an exception in C#?
- A. Try
 - B. Finally
 - C. Catch
 - D. Throw**
55. On successful compilation of a java source code _____ is generated.
- A. Output
 - B. Bytecode**
 - C. Hexadecimal code
 - D. Octal code
56. _____ is the necessary condition to implement delegates.
- A. Class Declaration**
 - B. Function overloading
 - C. Inheritance
 - D. Runtime Polymorphism
57. Select correct statement about properties of read and write in C#
- A. A read only property will only have get accessor**
 - B. A write only property will only have get accessor
 - C. A property cannot be either read only or write only
 - D. A property can simultaneously be read or write only

58. <p> What will be the output of the following C# code? Static void Main{string[] args}
- ```
{
 int i; for (i = 0; ;)
 {
 Console.WriteLine("Virtual University");
 }
 Console.ReadLine();
}
```
- A. <p>|| will print &quot;Virtual University&quot; in continuous loop </p>  
**B. <p>Syntax error</p>**  
C. <p>Virtual University</p>  
D. =p= No output =/p=
59. Choose the wrong statement about structures in C#.Net.
- A. Structures can have destructors**  
B. Structures can implement an interface but they cannot inherit from another structure  
C. Structure members cannot be declared as protected  
D. A structure cannot be empty
60. Which of the following keyword is used to monitor exceptions?
- A. Catch  
B. Finally  
**C. Try**  
D. Throw
61. A method performs an action in a series of statements, called a \_\_\_\_\_.
- A. Code Block  
B. Method Block  
C. Routine Block  
**D. Statement Block**
62. If we run the program from within Visual Studio, the console window disappears quickly so we can use \_\_\_\_\_ to keep screen from going away.
- A. Console.ReadLine()**  
B. Console.WriteLine()  
C. Console.Title  
D. Console.Clear
63. \_\_\_\_\_ events may or may not relate to an actual occurrence.
- A. Observed Events  
B. Deducted Events  
**C. Probabilistic Events**  
D. None of the above
64. Clean room design is useful as a defense against \_\_\_\_\_.
- A. Copyright  
B. Trade secret infringement  
**C. Copyright and trade secret infringement**  
D. None of the given options
65. Which of these methods of the class String is used to obtain length of string object.
- A. Lengthof()  
B. Sizeof()

C. Get()

**D. Length()**

66. If math class had added property with get and set accessors. Then which of the following statements will work correctly?

A. math.add = 40;

**B. math m = new math();**

**m.add = 50;**

C. Console.WriteLine(math.add);

D. System.out.Println("math add")

67. \_\_\_\_\_ language is supported by Microsoft.Net platform.

**A. C#**

B. C

C. Php

D. Java

68. The \_\_\_\_\_ in the namespace indicate a hierarchy of nested namespaces.

A. Semicolon

B. Brackets

C. Arrows

**D. Dots**

69. which keyword is used to define the macros in c++?

A. macro

**B. #define**

C. #macro

D. Define

70. In C#, when an object type is converted to a value type, it is called \_\_\_\_\_

**A. Unboxing**

B. Data Conversion

C. Abstraction

D. Polymorphism

71. The \_\_\_\_\_ pointer in methods refers to the object on which the method is called.

A. Int

B. String

C. Out

**D. This**

72. In C#, all binary operators are \_\_\_\_\_

A. Right-associative

B. Top-associative

C. Center-associative

**D. Left-associative**

73. Clean room design is also called \_\_\_\_\_.

A. Clear Room Design

B. Wall Technique Design

**C. Chinese Wall Technique**

D. French Wall Technique

74. To perform I/O operations, we must use \_\_\_\_\_ header file.

A. <conio>

**B. <fstream>**

C. <ifstream>

D. <ofstream>

75. Which reference modifier is used to define reference variable?
- A. #
  - B. def
  - C. &**
  - D. ref
76. Waiting for a single event is \_\_\_\_\_ operation.
- A. Unavoidable
  - B. Waste
  - C. Idle
  - D. Blocking**
77. In System.Console, "Console" is a \_\_\_\_\_ which enables us to do console Input and Output.
- A. Namespace
  - B. Structure
  - C. Class**
  - D. Library
78. In Event-Driven Architecture (EDA). \_\_\_\_\_ sends event to \_\_\_\_\_
- A. Event Consumer, Event Producer
  - B. Event Producer, Event Consumer**
  - C. Event Handler, Event Producer
  - D. Event Generator, Event Producer
79. In C++ \_\_\_\_\_ function is used to check if this stream has raised any error or not
- A. eof()**
  - B. Peek()
  - C. Fstream
  - D. Good()
80. In C++ , \_\_\_\_\_ function is used to return the next character in the input sequence, without extracting it.
- A. Putback()
  - B. Peek()**
  - C. Fstream
  - D. Good()
81. which of these keywords is not a part of exception handling?
- A. Thrown**
  - B. Finally
  - C. Try
  - D. Catch

## CHAPTER 1 to 8

UpDated on 07 June 2022

3. \_\_\_\_\_ keyword is used to declare a base class method while performing overriding of base class method.  
A. Overload  
**Virtual**  
B. Extend  
C. Override
4. Choose the correct option among the following indexers which correctly allows to index in same way as an array? (Page-29)  
**A Class**  
A. A function  
B. An interface  
C. A property
5. A class can inherit from \_\_\_\_\_ class/classes in C#. (Page-22)  
A. Three  
**Single**  
B. Two  
C. Multiple
6. Which one of the following is not the feature of C#? (Page-12)  
**Multiple inheritance**  
A. Interface supported  
B. Locals can not shadow global variables  
C. Operator Overloading is allowed
7. Which keyword is used to declare the indexers? (Page-29)  
A. super  
B. base  
**this**  
C. extract
8. The common type system of C# has value types and \_\_\_\_\_ types. (Page-13)  
A. Class  
B. Object  
**Reference**  
C. Enum
9. Select the correct statement about the structure in C#? (Page-13)  
**Its syntax is similar to class**  
A. It can implement destructors  
B. It is a reference type  
C. It can implement inheritance
10. Reaction of events are either \_\_\_\_\_ or \_\_\_\_\_ (Page-07)  
A. Asynchronous, Blocking  
B. Synchronous, Blocking  
C. Blocking, Synchronous

**Synchronous, Asynchronous**

6. \_\_\_\_\_ is an example of request and response based application (Page-09)

**Web browser**

- A. E –Commerce Site
- B. Pressing a button
- C. Swiping of credit card

7. Which of the following is built from request-response? (Page-09)

- A. Event-based Architecture (EBA)
- B. Service-driven Architecture (SDA)

**Service-oriented Architecture (SOA)**

- C. Event-processing Architecture (EDA)

8. \_\_\_\_\_ and delegates work hand in hand. (Page-38)

- A. Static member

**Event**

- B. Post-processor
- C. Pre-processor

9. In C#, when a value type is converted to object type, it is called \_\_\_\_\_.

- A. Polymorphism
- B. Abstraction

**Boxing**

- C. Data Conversion

10. Which keyword is used for correct implementation of an interface in C#?

- A. Intf

**Interface**

- B. Int Interface
- C. Interfaces

11. The main method return a non-zero value which indicates the \_\_\_\_\_

- A. Exception in program
- B. Termination of program

**Error in program**

- C. Success of program

12. \_\_\_\_\_ is an occurrence within a particular system or domain. (Page-06)

- A. Program
- B. Class

**Event**

- C. Object

13. Select wrong statement about destructor in C#?

**Destructor can have modifiers or parameter**

- A. Destructor cannot be inherited or overloaded
- B. Destructor work opposite to constructor
- C. Class can have one destructor only

14. The main method returns zero value which indicates the \_\_\_\_\_

**Successful execution of program**

- A. Source of program

E. Termination of program

F. Exception in program

8. In C#, which of the following keyword is used for including the namespaces in the program?

**using**

A. extend

B. import

C. #

9. When your C# program is compiled, it creates a file called \_\_\_\_\_

**Exe**

A. Class

B. Object

C. Assembly

10. Which of the following is an insertion operator in C++? (Google)

**<<**

A. >

B. --

C. &

11. C# \_\_\_\_ is a class member that is activated whenever the event it was designed for.

Occurs (Page-37)

A. Attributes

B. Arguments

C. Method

**Event**

12. A fraud detection event on banking transaction is an example of \_\_\_\_\_. (Page-06)

A. Linear event

B. Sequential event

C. Predictive event

**Probabilistic event**

13. In C++, which of the following library is include for 'cin' and 'cout' function?

A. #include<fstream.h>

B. #include<fstream>

C. #include<conio.h>

**#include<iostream>**

14. Which of the following doesn't have Graphical User Interface and the Event-Driven Model?

**Console-Application**

A. Web Application

B. Mobile Application

C. Desktop Application

15. A stream in which the events may be of different types is referred to as a **heterogeneous** event stream. (Page-10)

A. Continuous

B. Homogenous

**Heterogeneous**

C. Mutual

- D. Defining a method in subclass having same name and type signature as a method in its super class is known as \_\_\_\_\_

Method hiding  
Method Overloading  
Method Binding

**Method Overriding**

- E. A single try block must be followed by which of these?

Finally  
Catch  
Finally and catch  
Throw

- F. By default the data member of a class are \_\_\_\_\_

Protected, public  
Public

**Private**

Private, Public

- G. Exception are derived from \_\_\_\_\_ class. (Page-39)

Windows error  
Exception error

**System exception**

Error Exception

- H. Which of the following does NOT include in event processing operations? (Page-07)

**Terminating Event**

Deleting Event  
Transforming Event  
Reading Event

- I. What is the return type of destruction?

Float

**No return type**

Void  
Int

- J. At the time an event is fired, the \_\_\_\_\_ method (with that event) will be invoked. (Page-38)

**Public**

Protected  
Registered  
Private

- K. C# is a \_\_\_\_ and .NET is a \_\_\_\_\_. (Page-12)

Platform, Language  
Package, Language  
Language, Package

**Language, Platform**

- L. Which of the following is an entity that introduces event into the system? (Page-10)

**Event producer**

Event Stream

- E. Event Channel
  - F. Event Consumer
12. Which of the following is an entity that receive event from the system? (Page-10)
- A. Event producer
  - Event Consumer**
  - B. Raw event
  - C. Event stream
13. Which of the following is the object-oriented way to handle run time errors?
- A. OnError () Method
  - Exception**
  - B. Interface
  - C. Error Code
14. Why do we use cin.get() in C++ program?
- A. It is used to print all values of array
  - B. It is used to get numeric data
  - C. It is used to access character array**
  - D. It is used to take input from user
15. Types not defined in any namespace are said to reside in the \_\_\_\_ namespace.
- Local**
  - Static
  - Virtual
16. Select the correct statement about an exception. (Google)
- 2 It occurs during loading of program
  - 3 It occurs during Just-In-Time compilation
  - It occurs at run time**
  - 4 All of the mentioned
- 2 Arrays in C# are \_\_\_\_ object.
- 13. Logical
  - 14. Arithmetic
  - Reference**
  - 15. Value
- 3 The initial name for C# was \_\_\_\_\_. (Page-12)
- 13. COAL
  - 14. COOP
  - 15. COAP
  - COOL**
- 4 Which of the following is declared like a class but have no implementation?(Page-34)
- 13. Encapsulation
  - 14. Structure
  - Interface**
  - 15. Inheritance

17. Which of the following keyword is used to change data and behavior of a base class by replacing a member of the base class with the new derived member. (Google)

- 16. Base
- 17. Overrides
- 18. Overloads

**New**

18. A stream in which all the events must be of same types is called **Homogenous** event stream. (Page-10)

- A. Continuous
- B. Homogenous

**Heterogeneous**

- C. Mutual

19. Select the correct statement about an exception>

- 16. It occurs during Just-in-time compilation

**It occurs at runtime**

- 17. It occurs during loading of program
- 18. It occurs during data binding

20. Select the correct statement about the structure in C#?

- 16. It can implement inheritance

**Its syntax similar to class**

- 17. It is a reference type
- 18. It can implement destructors

21. \_\_\_\_ is not a defense against patents and clean room design?(Page-12)

**Independent Invention**

- 16. Event Invention
- 17. Dependent Invention
- 18. Clear room design

22. COOL stands for \_\_\_\_.

- 16. Class Oriented Object Language
- 17. Consumer Oriented Object Language

**C-like Object Oriented Language (Page-12)**

- 18. C++-like Oriented Language

23. \_\_\_\_ operator is used to signifies the destructor in C#?

- 16. #
- 17. =
- 18. &

**~**

24. What is the return type of destruction?

- 16. Int
- 17. Float
- 18. Void

**No return types**

25. An Event that is generated as a result of event processing that take place inside an event processing system is called \_\_\_\_\_. (Page-10)

- E. Event Stream
    - Derived Event**
  - F. Raw Event
  - G. Event Consumer
21. Choose the incorrect statement about delegates in C#?
- 2 Delegates are value type
  - 3 Delegates are like function pointers in other language
  - 4 Delegates are object oriented
- Delegates are type safe**
- E. \_\_\_\_\_ is the method of copying a design by reverse engineering and then recreating it without infringing any of the copyrights and trade secrets associated with the original design. (Page-12)
- Clear Room Design
  - Event Room design
- Clean Room Design**
- Wall Room Design
- F. Which of the following statement is TRUE about raw event? (Page-10)
- It is a subscription mechanism for event
  - It is introduced into an event processing system by an event consumer
  - It is generate as a result of event processing
- It is introduced into an event processing system by an event producer**
- G. Which symbol is used to declare the preprocessor directives?
- \*
  - #**
  - \$
  - ^
- H. Which of these keyword is used to manually throw an exception in C#?
- Try
  - Finally
  - Catch
  - Throw**

**CS411 Quiz-1 BY Attiq Kundi**

**SUBSCRIBE “[Knowledge For Us](#)” ON  
YOUTUBE AND Get Many MoRe  
Solutions**

***(Updated at 08-06-2022)***