CHAPTER 1 to 8

CS411 05 to 07 June 2022

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

D. Synchronous, Asynchronous

9. _____ is an example of request and response based application (Page-09)
   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? (Page-09)
   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. (Page-06)
   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, is creates a file called _____
    A. Exe
    B. Class
    C. Object
    D. Assembly
20. Which of the following is an insertion operator in C++? (Google)
    A. <<
    B. >
    C. - -
    D. &
21. C# ___ is a class member that is activated whenever the event . it was designed for. Occurs (Page-37)
    A. Attributes
    B. Arguments
    C. Method
    D. Event
22. A fraud detection event on banking transaction is an example of _____. (Page-06)
    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. 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? (Page-07)
    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. (Page-38)
    A. Public
    B. Protected
    C. Registered
    D. Private
33. C# is a ___ and .NET is a ___. (Page-12)
    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? (Page-10)
    A. Event producer
    B. Event Stream

C. Event Channel
D. Event Consumer

35. Which of the following is an entity that receive event from the system? (Page-10)
    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.
    • Local ✓ Junaid File
    • Static
    • Virtual
    • Global Moaz& Arslan File
39. Select the correct statement about an exception. (Google)

A. It occurs during loading of program
B. It occurs during Just-In-Time compilation
C. It occurs at run time
D. All of the mentioned

40. Arrays in C# are _____ object.
    A. Logical
    B. Arithmetic
    C. Reference
    D. Value
41. The initial name for C# was _____. (Page-12)
    A. COAL
    B. COOP
    C. COAP
    D. COOL
42. Which of the following is declared like a class but have no implementation?(Page-34)
    A. Encapsulation
    B. Structure
    C. Interface
    D. Inheritance

43. 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)
    A. Base
    B. Overrides
    C. Overloads
    D. New
44. 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
45. 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
46. Select the correct statement about the structure in C#?
    A. It can implement inheritance
    B. Its syntax similar to class
    C. It is a reference type
    D. It can implement destructors
47. ____ is not a defense against patents and clean room design?(Page-12)
    A. Independent Invention
    B. Event Invention
    C. Dependent Invention
    D. Clear room design
48. COOL stands for _____. (Page-12)
    A. Class Oriented Object Language
    B. Consumer Oriented Object Language
    C. C-like Object Oriented Language
    D. C++-like Oriented Language
49. _____ operator is used to signifies the destructor in C#?
    A. #
    B. =
    C. &
    D. ~
50. What is the return type of destruction?
    A. Int
    B. Float
    C. Void
    D. No return types
51. 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

52. 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

53. _____ 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

54. Which of the following statement is TRUE about raw event? (Page-10)

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

55. Which symbol is used to declare the preprocessor directives?

A. *
B. #
C. $
D. ^

56. Which of these keyword is used to manually throw an exception in C#?

A. Try
B. Finally
C. Catch
D. Throw

57.