ANSWERS FOR QUIZ 3

Answer 1: A. throw

Answer 2: A. To handle an exception

Answer 3: B. throw-catch-finally

Answer 4: A. A checked exception must be caught or declared while an unchecked exception does not.

Answer 5: C. InvalidOperationException

Answer 6: A. Exceptions should always be caught and handled.

Answer 7: C. Polymorphism is the ability of an object to be used in many different ways.

Answer 8: C. Both A and B

Answer 9: A. Method overloading is the ability to have multiple methods with the same name but different parameters.

Answer 10: C. Method overriding is the ability to change the implementation of a method in a subclass.

Answer 11: B. virtual

Answer 12: A. override

Answer 13: C. Polymorphism can be achieved through method overriding and method overloading.

Answer 14: A. A delegate is a reference type that can be used to encapsulate a method with a specific signature.

Answer 15: D. Using a try-except block

Answer 16: B. They can be defined in a separate static class

Answer 17: C. To define a variable number of parameters for a method

Answer 18: C. Private members are accessible only within the class while protected members are accessible within the class and its derived classes.

Answer 19: B. readonly int myConstant = 10;

Answer 20: C. To return the name of a variable, type, or member