

- #1 Peek throws a(n) \_\_\_\_\_ if the stack is empty.
- (a) StackEmptyException
  - (b) EmptyException
  - (c) PeekException
  - (d) InvalidOperationException
  - (e) EmptyStackException
- #2 Which of the following is not a method of ArrayList?
- (a) RemoveAt
  - (b) AddAtEnd
  - (c) Sort
  - (d) TrimToSize
  - (e) Add
- #3 All arrays implicitly inherit from which generic interface?
- (a) IEnumerable
  - (b) IEnumerator
  - (c) IList and IEnumerable
  - (d) IList
  - (e) IList and IEnumerator
- #4 When a method is called, the compiler tries to find a method that matches the \_\_\_\_\_ of the method call.
- (a) return type
  - (b) argument types
  - (c) name
  - (d) name and argument types
  - (e) All of these
- #5 A generic method can be overloaded by \_\_\_\_\_ method.
- (a) a non-generic method
  - (b) a non-generic method and a generic method
  - (c) an abstract method
  - (d) a generic method
  - (e) None -- generic methods cannot be overloaded.

Enter the letter(s) of each answer below. You may choose multiple answers, but credit will be divided by the number of choices made.

1 D 2 B 3 C 4 D 5 B 6 D 7 E 8 C 9 D 10 C

- #6 \_\_\_\_\_ enable you to specify, with a single class declaration, a set of related classes.
- (a) Overloaded classes
  - (b) Overridden classes
  - (c) Concrete classes
  - (d) Generic classes
  - (e) Abstract classes
- #7 If an IndexOfAny method is passed a string it:
- (a) will search for the first occurrence of the sequence of characters.
  - (b) will return the index of the first occurrence of any character in the string.
  - (c) finds the first occurrence of each letter in the string.
  - (d) searches for the first occurrence of any of the characters in the string.
  - (e) generates an error.
- #8 ToUpper( string ) is
- (a) a way of making one string more important than the rest.
  - (b) a way to make the first letter of every word in a string a capital letter.
  - (c) a syntax error.
  - (d) a way of converting a string to all upper cases.
  - (e) a class method in the namespace 'System.String'
- #9 A(n) \_\_\_\_\_ conversion is when an object is cast into another type.
- (a) wrapping
  - (b) converting
  - (c) implicit
  - (d) unboxing
  - (e) boxing
- #10 How much faster is the insertion sort with a 100-element array than with a 1000-element array?
- (a) 10 times.
  - (b) 20 times.
  - (c) 100 times.
  - (d) 200 times.
  - (e) 1000 times.