

**Started on** Tuesday, 8 December 2020, 1:28 PM

**State** Finished

**Completed on** Tuesday, 8 December 2020, 1:36 PM

**Time taken** 7 mins 46 secs

**Grade** 30.00 out of 30.00 (100%)

Question 1

Correct

Mark 2.00 out of 2.00

Q3. The keyword used to transfer control from a function back to the calling function is

Select one:

- ☐ a. switch
- ☐ b. goto
- ☐ c. go back
- ☒ d. return ✓

Your answer is correct.

The correct answer is: return

Question 2

Correct

Mark 2.00 out of 2.00

Q5. If a program uses Inline Function, then the function is expanded inline at

Select one:

- ☐ a. compile time
- ☒ b. run time ✓
- ☐ c. both a and b
- ☐ d. none of these

Your answer is correct.

The correct answer is: run time

Question 3

Correct

Mark 2.00 out of 2.00

Q7. \_\_\_\_\_ is a blueprint or prototype that defines the variables and the methods common to all objects of a certain kind. Select the best word to complete this sentence.

Select one:

- ☒ a. Class ✓
- ☐ b. Inheritance
- ☐ c. Polymorphism
- ☐ d. Aggregation

Your answer is correct.

The correct answer is: Class

Question **4**

Correct

Mark 2.00 out of 2.00

Q10. A function call mechanism that passes arguments to a function by passing a copy of the values of the arguments is \_\_\_\_\_

Select one:

- ☐ a. Call by reference
- ☐ b. Call by function
- ☒ c. Call by value ✓
- ☐ d. None of the above

Your answer is correct.

The correct answer is: Call by value

Question **5**

Correct

Mark 2.00 out of 2.00

Q12. A \_\_\_\_\_ is a member function with the same name as its class but preceded by a tilde (~) sign.

Select one:

- ☐ a. Copy constructor
- ☐ b. Friend constructor
- ☐ c. Default constructor
- ☒ d. Destructor ✓

Your answer is correct.

The correct answer is: Destructor

Question **6**

Correct

Mark 2.00 out of 2.00

Q14. Which of the following is not a type of constructor?

Select one:

- ☐ a. Copy constructor
- ☒ b. Friend constructor ✓
- ☐ c. Default constructor
- ☐ d. Parameterized constructor

Your answer is correct.

The correct answer is: Friend constructor

Question **7**

Correct

Mark 2.00 out of 2.00

Q11. Static data members are automatically initialized to \_\_\_\_\_

Select one:

- ☒ a. 0 ✓
- ☐ b. 1
- ☐ c. 2
- ☐ d. None of the above

Your answer is correct.

Question **8**

Correct

Mark 2.00 out of 2.00

The correct answer is: 0

Q15. Which of the following is not the member of class?

Select one:

- ☐ a. Static function
- ☒ b. Friend function ✓
- ☐ c. Const function
- ☐ d. Virtual function

Your answer is correct.

The correct answer is: Friend function

Question **9**

Correct

Mark 2.00 out of 2.00

Q13. A \_\_\_\_\_ has access to all private and protected members of the class for which it is a friend.

Select one:

- ☐ a. Static function
- ☒ b. Friend function ✓
- ☐ c. Const function
- ☐ d. Virtual function

Your answer is correct.

The correct answer is: Friend function

Question **10**

Correct

Mark 2.00 out of 2.00

Q4. Which of the following statements regarding inline functions is correct?

Select one:

- ☒ a. it speeds up execution. ✓
- ☐ b. it slows down execution.
- ☐ c. run time error
- ☐ d. None of the above

Your answer is correct.

The correct answer is: it speeds up execution.

Question **11**

Correct

Mark 2.00 out of 2.00

Q1. Which return type cannot return any value to the caller?

Select one:

- ☐ a. int
- ☐ b. float
- ☒ c. void ✓
- ☐ d. double

Your answer is correct.

The correct answer is: void

Question **12**

Correct

Mark 2.00 out of 2.00

Q9 .A constructor that does not have any parameters is called\_\_\_\_\_ constructor.

Select one:

- ☐ a. Copy constructor
- ☐ b. Friend constructor
- ☒ c. Default constructor ✓
- ☐ d. Parameterized constructor

Your answer is correct.

The correct answer is: Default constructor

Question **13**

Correct

Mark 2.00 out of 2.00

Q2. Which of the following permits function overloading on C++?

Select one:

- ☐ a. type
- ☐ b. number of arguments
- ☒ c. both of the mentioned ✓
- ☐ d. none of the mentioned

Your answer is correct.

The correct answer is: both of the mentioned

Question **14**

Correct

Mark 2.00 out of 2.00

Q8. Which of the following statement is correct?

Select one:

- ☒ a. a constructor is called at the time of declaration of an object. ✓
- ☐ b. a constructor is called at the time of use of an object.
- ☐ c. a constructor is called at the time of declaration of a class
- ☐ d. a constructor is called at the time of use of a class.

Your answer is correct.

The correct answer is: a constructor is called at the time of declaration of an object.

Question **15**

Correct

Mark 2.00 out of 2.00

Q6. A class can have many methods with the same name, as long as the number of parameters is different. This is known as:

Select one:

- ☒ a. Method Overloading ✓
- ☐ b. Method Invocating
- ☐ c. Method Overriding
- ☐ d. Method Labeling

Your answer is correct.

The correct answer is: Method Overloading

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**Started on** Tuesday, 8 December 2020, 3:58 PM

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**Completed on** Tuesday, 8 December 2020, 4:08 PM

**Time taken** 10 mins

**Grade** 30.00 out of 30.00 (100%)

**Question 1**

Correct

Mark 2.00 out of 2.00

Which of the following is correct about function overloading?

Select one:

- ☒ a. Both A and B. ✓
- ☐ b. The types of arguments are different.
- ☐ c. The order of argument is different.
- ☐ d. The number of argument is same.

The correct answer is: Both A and B.

**Question 2**

Correct

Mark 2.00 out of 2.00

Which of the following gives the memory address of the first element in array foo, an array with 100 elements?

Select one:

- ☒ a. foo[0]; ✓
- ☐ b. &foo;
- ☐ c. foo;
- ☐ d. foo[1];

The correct answer is: foo[0];

**Question 3**

Correct

Mark 2.00 out of 2.00

Which of the following concepts means wrapping up of data and functions together?

Select one:

- ☒ a. Encapsulation ✓
- ☐ b. Polymorphism
- ☐ c. Abstraction
- ☐ d. Inheritance

The correct answer is: Encapsulation

Question **4**

Correct

Mark 2.00 out of 2.00

Which of the following approach is adapted by C++?

Select one:

- ☐ a. Right-left
- ☐ b. Top-down
- ☒ c. Bottom-up ✓
- ☐ d. Left-right

The correct answer is: Bottom-up

Question **5**

Not answered

Not graded

Enter your Full Name and Roll number

Question **6**

Correct

Mark 2.00 out of 2.00

Which of the following type of class allows only one object of it to be created?

Select one:

- ☐ a. Abstract class
- ☐ b. Virtual class
- ☐ c. Friend class
- ☒ d. Singleton class ✓

The correct answer is: Singleton class

Question **7**

Correct

Mark 2.00 out of 2.00

Which of the following concepts means determining at runtime what method to invoke?

Select one:

- ☐ a. Data hiding
- ☐ b. Dynamic loading
- ☒ c. Dynamic binding ✓
- ☐ d. Dynamic Typing

The correct answer is: Dynamic binding

Question 8

Correct

Mark 2.00 out of 2.00

Which of the following is not a type of constructor?

Select one:

- ☐ a. Copy constructor
- ☐ b. Parameterized constructor
- ☐ c. Default constructor
- ☒ d. Friend constructor ✓

The correct answer is: Friend constructor

Question 9

Correct

Mark 2.00 out of 2.00

Which of the following is the correct operator to compare two variables?

Select one:

- ☐ a. equal
- ☐ b. :=
- ☐ c. =
- ☒ d. == ✓

The correct answer is: ==

Question 10

Correct

Mark 2.00 out of 2.00

Which of the following is not the member of class?

Select one:

- ☐ a. Const function
- ☐ b. Virtual function
- ☒ c. Friend function ✓
- ☐ d. Static function

The correct answer is: Friend function

Question 11

Correct

Mark 2.00 out of 2.00

Which of the following is not a correct variable type?

Select one:

- ☐ a. float
- ☒ b. real ✓
- ☐ c. int
- ☐ d. double

The correct answer is: real



Question **12**

Correct

Mark 2.00 out of 2.00

Which of the following cannot be friend?

Select one:

- ☐ a. Operator function
- ☐ b. Class
- ☒ c. Object ✓
- ☐ d. Function

The correct answer is: Object

Question **13**

Correct

Mark 2.00 out of 2.00

Constructors are used to

Select one:

- ☐ a. Construct the data members
- ☐ b. Both a & b
- ☐ c. None of the mentioned
- ☒ d. Initialize the objects ✓

The correct answer is: Initialize the objects

Question **14**

Correct

Mark 2.00 out of 2.00

Which is used to define the member of a class externally?

Select one:

- ☐ a. #
- ☐ b. :
- ☒ c. :: ✓
- ☐ d. None of the mentioned

The correct answer is: ::

Question **15**

Correct

Mark 2.00 out of 2.00

Which of the following term is used for a function defined inside a class?

Select one:

- ☐ a. Member Variable
- ☐ b. Class function
- ☒ c. Member function ✓
- ☐ d. Classic function

The correct answer is: Member function

Question **16**

Correct

Mark 2.00 out  
of 2.00

How many instances of an abstract class can be created?

Select one:

- ☐ a. 5
- ☐ b. 13
- ☒ c. 0 ✓
- ☐ d. 1

The correct answer is: 0

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**Started on** Friday, 11 December 2020, 4:38 PM

**State** Finished

**Completed on** Friday, 11 December 2020, 4:44 PM

**Time taken** 6 mins 16 secs

**Grade** 30.00 out of 30.00 (100%)

Question **1**

Correct

Mark 2.00 out of 2.00

Q 1 - Which of the following is not the keyword in C++?

Select one:

- ☐ a. volatile
- ☐ b. friend
- ☒ c. extends ✓
- ☐ d. this

Your answer is correct.

The correct answer is: extends

Question **2**

Correct

Mark 2.00 out of 2.00

Q 2 - The copy constructor is executed on

Select one:

- ☐ a. Assigned one object to another object at its creation
- ☐ b. When objects are sent to function using call by value mechanism
- ☐ c. When the function return an object
- ☒ d. All the above ✓

Your answer is correct.

The correct answer is: All the above

Question **3**

Correct

Mark 2.00 out of 2.00

Q3. A \_\_\_\_\_ is a member function with the same name as its class but preceded by a tilde (~) sign.

Select one:

- ☐ a. Copy constructor
- ☐ b. Friend constructor
- ☐ c. Default constructor
- ☒ d. Destructor ✓

Your answer is correct.

The correct answer is: Destructor

Question **4**

Correct

Mark 2.00 out of 2.00

Q4. Which of the following is not the member of class?

Select one:

- ☐ a. Static function
- ☒ b. Friend function ✓
- ☐ c. Const function
- ☐ d. Virtual function

Your answer is correct.

The correct answer is: Friend function

Question **5**

Correct

Mark 2.00 out of 2.00

Q5. Which of the following is not a type of constructor?

Select one:

- ☐ a. Copy constructor
- ☒ b. Friend constructor ✓
- ☐ c. Default constructor
- ☐ d. Parameterized constructor

Your answer is correct.

The correct answer is: Friend constructor

Question **6**

Correct

Mark 2.00 out of 2.00

Q6. Which of the following term is used for a function defined inside a class?

Select one:

- ☐ a. Member Variable
- ☒ b. Member function ✓
- ☐ c. Class function
- ☐ d. Classic function

Your answer is correct.

The correct answer is: Member function

Question **7**

Correct

Mark 2.00 out of 2.00

Q7. Which of the following function declaration using default arguments is incorrect?

Select one:

- ☒ a. int foo(int x, int y =5, int z=10) ✓
- ☐ b. int foo(int x=5, int y =10, int z)
- ☐ c. int foo(int x=5, int y, int z=10)
- ☐ d. All are correct

Your answer is correct.

The correct answer is: int foo(int x, int y =5, int z=10)

Question **8**

Correct

Mark 2.00 out of 2.00

Q8. What will happen when we use void in argument passing?

Select one:

- ☒ a. It will not return value to its caller ✓
- ☐ b. It will return value to its caller
- ☐ c. both a & b are correct
- ☐ d. none of the mentioned

Your answer is correct.

The correct answer is: It will not return value to its caller

Question **9**

Correct

Mark 2.00 out of 2.00

Q9.Which function can be called without using an object of a class in C++

Select one:

- ☒ a. Static function ✓
- ☐ b. Inline function
- ☐ c. Friend function
- ☐ d. Constant function

Your answer is correct.

The correct answer is: Static function

Question **10**

Correct

Mark 2.00 out of 2.00

Q10. Static data members are automatically initialized to \_\_\_\_\_

Select one:

- ☒ a. 0 ✓
- ☐ b. 1
- ☐ c. 2
- ☐ d. None of the above

Your answer is correct.

The correct answer is: 0

Question **11**

Correct

Mark 2.00 out of 2.00

Q11. A \_\_\_\_\_ has access to all private and protected members of the class for which it is a friend.

Select one:

- ☐ a. Static function
- ☒ b. Friend function ✓
- ☐ c. Const function
- ☐ d. Virtual function

Your answer is correct.

The correct answer is: Friend function

Question **12**

Correct

Mark 2.00 out of 2.00

Q12. What is the syntax of inheriting a class?

Select one:

- ☐ a. class name
- ☐ b. class name : access specifier
- ☒ c. class name : access specifier class name ✓
- ☐ d. None of the mentioned

Your answer is correct.

The correct answer is: class name : access specifier class name

Question **13**

Correct

Mark 2.00 out of 2.00

Q13. An operator function is created using \_\_\_\_\_ keyword.

Select one:

- ☐ a. iterator
- ☐ b. allocator
- ☐ c. constructor
- ☒ d. operator ✓

Your answer is correct.

The correct answer is: operator

Question **14**

Correct

Mark 2.00 out of 2.00

Q14. Which of the following statements regarding inline functions is correct?

Select one:

- ☒ a. it speeds up execution ✓
- ☐ b. it slows down execution.
- ☐ c. run time error
- ☐ d. None of the above

Your answer is correct.

The correct answer is: it speeds up execution

Question **15**

Correct

Mark 2.00 out of 2.00

Q15. . A class can have many methods with the same name, as long as the number of parameters is different. This is known as:

Select one:

- ☒ a. Method Overloading ✓
- ☐ b. Method Invocating
- ☐ c. Method Overriding
- ☐ d. Method Labeling

Your answer is correct.

The correct answer is: Method Overloading

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**Started on** Tuesday, 8 December 2020, 1:28 PM

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Mark 2.00 out of 2.00

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Select one:

- ☐ a. switch
- ☐ b. goto
- ☐ c. go back
- ☒ d. return ✓

Your answer is correct.

The correct answer is: return

Question 2

Correct

Mark 2.00 out of 2.00

Q5. If a program uses Inline Function, then the function is expanded inline at

Select one:

- ☐ a. compile time
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Correct

Mark 2.00 out of 2.00

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Select one:

- ☒ a. Class ✓
- ☐ b. Inheritance
- ☐ c. Polymorphism
- ☐ d. Aggregation

Your answer is correct.

The correct answer is: Class



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Correct

Mark 2.00 out of 2.00

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Select one:

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- ☐ d. None of the above

Your answer is correct.

The correct answer is: Call by value

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Correct

Mark 2.00 out of 2.00

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Select one:

- ☐ a. Copy constructor
- ☐ b. Friend constructor
- ☐ c. Default constructor
- ☒ d. Destructor ✓

Your answer is correct.

The correct answer is: Destructor

Question **6**

Correct

Mark 2.00 out of 2.00

Q14. Which of the following is not a type of constructor?

Select one:

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Mark 2.00 out of 2.00

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Select one:

- ☒ a. 0 ✓
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- ☐ c. 2
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Your answer is correct.

Question **8**

Correct

Mark 2.00 out of 2.00

The correct answer is: 0

Q15. Which of the following is not the member of class?

Select one:

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Mark 2.00 out of 2.00

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Mark 2.00 out of 2.00

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Correct

Mark 2.00 out of 2.00

Q1. Which return type cannot return any value to the caller?

Select one:

- ☐ a. int
- ☐ b. float
- ☒ c. void ✓
- ☐ d. double

Your answer is correct.

The correct answer is: void

Question **12**

Correct

Mark 2.00 out of 2.00

Q9 .A constructor that does not have any parameters is called\_\_\_\_\_ constructor.

Select one:

- ☐ a. Copy constructor
- ☐ b. Friend constructor
- ☒ c. Default constructor ✓
- ☐ d. Parameterized constructor

Your answer is correct.

The correct answer is: Default constructor

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Correct

Mark 2.00 out of 2.00

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Select one:

- ☐ a. type
- ☐ b. number of arguments
- ☒ c. both of the mentioned ✓
- ☐ d. none of the mentioned

Your answer is correct.

The correct answer is: both of the mentioned

Question **14**

Correct

Mark 2.00 out of 2.00

Q8. Which of the following statement is correct?

Select one:

- ☒ a. a constructor is called at the time of declaration of an object. ✓
- ☐ b. a constructor is called at the time of use of an object.
- ☐ c. a constructor is called at the time of declaration of a class
- ☐ d. a constructor is called at the time of use of a class.

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The correct answer is: a constructor is called at the time of declaration of an object.

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Select one:

- ☒ a. Method Overloading ✓
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Your answer is correct.

The correct answer is: Method Overloading

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**Completed on** Friday, 11 December 2020, 4:48 PM

**Time taken** 1 min 51 secs

**Grade** 30.00 out of 30.00 (100%)

Question 1

Correct

Mark 2.00 out of 2.00

Q 1 - Which of the following is not the keyword in C++?

Select one:

- ☐ a. volatile
- ☐ b. friend
- ☒ c. extends ✓
- ☐ d. this

Your answer is correct.

The correct answer is: extends

Question 2

Correct

Mark 2.00 out of 2.00

Q 2 - The copy constructor is executed on

Select one:

- ☐ a. Assigned one object to another object at its creation
- ☐ b. When objects are sent to function using call by value mechanism
- ☐ c. When the function return an object
- ☒ d. All the above. ✓

Your answer is correct.

The correct answer is: All the above.

Question 3

Correct

Mark 2.00 out of 2.00

Q3. A \_\_\_\_\_ is a member function with the same name as its class but preceded by a tilde (~) sign.

Select one:

- ☐ a. Copy constructor
- ☐ b. Friend constructor
- ☐ c. Default constructor
- ☒ d. Destructor ✓

Your answer is correct.

The correct answer is: Destructor

Question **4**

Correct

Mark 2.00 out of 2.00

Q4. Which of the following is not the member of class?

Select one:

- ☐ a. Static function
- ☒ b. Friend function ✓
- ☐ c. Const function
- ☐ d. Virtual function

Your answer is correct.

The correct answer is: Friend function

Question **5**

Correct

Mark 2.00 out of 2.00

Q5. Which of the following is not a type of constructor?

Select one:

- ☐ a. Copy constructor
- ☒ b. Friend constructor ✓
- ☐ c. Default constructor
- ☐ d. Parameterized constructor

Your answer is correct.

The correct answer is: Friend constructor

Question **6**

Correct

Mark 2.00 out of 2.00

Q6. Which of the following term is used for a function defined inside a class?

Select one:

- ☐ a. Member Variable
- ☒ b. Member function ✓
- ☐ c. Class function
- ☐ d. Classic function

Your answer is correct.

The correct answer is: Member function

Question **7**

Correct

Mark 2.00 out of 2.00

Q7. Which of the following function declaration using default arguments is incorrect?

Select one:

- ☒ a. int foo(int x, int y =5, int z=10) ✓
- ☐ b. int foo(int x=5, int y =10, int z)
- ☐ c. int foo(int x=5, int y, int z=10)
- ☐ d. All are correct

Your answer is correct.

The correct answer is: int foo(int x, int y =5, int z=10)

Question **8**

Correct

Mark 2.00 out of 2.00

Q8. What will happen when we use void in argument passing?

Select one:

- ☒ a. It will not return value to its caller ✓
- ☐ b. It will return value to its caller
- ☐ c. both a & b are correct
- ☐ d. none of the mentioned

Your answer is correct.

The correct answer is: It will not return value to its caller

Question **9**

Correct

Mark 2.00 out of 2.00

Q9.Which function can be called without using an object of a class in C++

Select one:

- ☒ a. Static function ✓
- ☐ b. Inline function
- ☐ c. Friend function
- ☐ d. Constant function

Your answer is correct.

The correct answer is: Static function

Question **10**

Correct

Mark 2.00 out of 2.00

Q10. Static data members are automatically initialized to \_\_\_\_\_

Select one:

- ☒ a. 0 ✓
- ☐ b. 1
- ☐ c. 1
- ☐ d. None of the above

Your answer is correct.

The correct answer is: 0

Question **11**

Correct

Mark 2.00 out of 2.00

Q11. A \_\_\_\_\_ has access to all private and protected members of the class for which it is a friend.

Select one:

- ☐ a. Static function
- ☒ b. Friend function ✓
- ☐ c. Const function
- ☐ d. Virtual function

Your answer is correct.

The correct answer is: Friend function

Question **12**

Correct

Mark 2.00 out of 2.00

Q12. What is the syntax of inheriting a class?

Select one:

- ☐ a. class name
- ☐ b. class name : access specifier
- ☒ c. class name : access specifier class name ✓
- ☐ d. None of the mentioned

Your answer is correct.

The correct answer is: class name : access specifier class name

Question **13**

Correct

Mark 2.00 out of 2.00

Q13. An operator function is created using \_\_\_\_\_ keyword.

Select one:

- ☐ a. iterator
- ☐ b. allocator
- ☐ c. constructor
- ☒ d. operator ✓

Your answer is correct.

The correct answer is: operator

Question **14**

Correct

Mark 2.00 out of 2.00

Q14. Which of the following statements regarding inline functions is correct?

Select one:

- ☒ a. it speeds up execution ✓
- ☐ b. it slows down execution.
- ☐ c. run time error
- ☐ d. None of the above

Your answer is correct.

The correct answer is: it speeds up execution

Question **15**

Correct

Mark 2.00 out of 2.00

Q15. . A class can have many methods with the same name, as long as the number of parameters is different. This is known as:

Select one:

- ☒ a. Method Overloading ✓
- ☐ b. Method Invocating
- ☐ c. Method Overriding
- ☐ d. Method Labeling

Your answer is correct.

The correct answer is: Method Overloading



◀ LAB ASSESSMENT TEST 1

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