

Java Online Test



This **Java Online Test** simulates a real online certification exams. You will be presented Multiple Choice Questions (MCQs) based on **Core Java Concepts**, where you will be given four options. You will select the best suitable answer for the question and then proceed to the next question without wasting given time. You will get your online test score after finishing the complete test.

Total Questions – 20	14:09:08	Max Time – 20 Min
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You scored 75%

Total Questions: 20, Attempted: 20, Correct: 15, Time Taken: 5.84 Min

Q - Can be constructor be made final?

A - True.

B - False.✓

Show Answer

Q - Which arithmetic operations can result in the throwing of an ArithmeticException?

A - / , %✓

B - * , +

C - !, -

D - >>, <<

Show Answer

Q - Objects are stored on Stack.

A - True

B - False✓

Show Answer

Q - This is the parent of Error and Exception classes.

A - Throwable✓

B - Catchable

C - MainError

D - MainException

Show Answer

Q - What is the size of float variable?

A - 8 bit

B - 16 bit

C - 32 bit✓

D - 64 bit

Show Answer

Q - Primitive variables are stored on Stack.

A - True✓

B - False

Show Answer

Q - Which of the following is a marker interface?

A - serializable

B - comparable

C - cloneable

D - none of the above.✗

Answer : A

Explanation

serializable is a marker interface.

Show Answer

Q - Deletion is faster in LinkedList than ArrayList.

A - True.✓

B - False.

Show Answer

Q - What is static block?

A - It is used to create synchronized code.

B - There is no such block.

C - It is used to initialize the static data member., It is excuted before main method at the time of class loading.✓

D - None of the above.

[Show Answer](#)

Q - What is Encapsulation?

A - Encapsulation is a technique to define different methods of same type.

B - Encapsulation is the ability of an object to take on many forms.

C - Encapsulation is the technique of making the fields in a class private and providing access to the fields via public methods.✓

D - None of the above.

[Show Answer](#)

Q - What is the size of boolean variable?

A - 8 bit

B - 16 bit

C - 32 bit

D - not precisely definedX

Answer : B

Explanation

The boolean data type can take either true or false, but its "size" isn't precisely defined.

[Show Answer](#)

Q - Composition represents

A - HAS-A relationship.

B - IS-A relationship.✗

Answer : A

Explanation

Holding the reference of the other class within some other class is known as composition. It represents a HAS-A relationship. For example, a Student has a Pen. Here Student class has Pen as its instance variable.

Show Answer

Q - Which of the following is true about String?

A - String is mutable.

B - String is immutable.

C - String is a data type.✗

D - None of the above.

Answer : B

Explanation

String object is immutable so that once it is created a String object cannot be changed. Since String is immutable it can safely be shared between many threads which are considered very important for multithreaded programming.

Show Answer

Q - What is the size of long variable?

A - 8 bit

B - 16 bit

C - 32 bit

D - 64 bit✓

Show Answer

Q - Is an empty .java file a valid source file?

A - True✓

B - False

Show Answer

Q - Which of the following is true about protected access modifier?

A - Variables, methods and constructors which are declared protected can be accessed by any class.

B - Variables, methods and constructors which are declared protected can be accessed by any class lying in same package.

C - Variables, methods and constructors which are declared protected in the superclass can be accessed only by its child class.X

D - None of the above.

Answer : B

Explanation

Variables, methods, and constructors which are declared protected can be accessed by any class lying in the same package.

Show Answer

Q - Can we have two public classes in one java file?

A - True

B - False✓

Show Answer

Q - What kind of variables a class can consist of?

A - class variables, instance variables

B - class variables, local variables, instance variables✓

C - class variables

D - class variables, local variables

Show Answer

Q - Which of the following is false about String?

A - String is immutable.

B - String can be created using new operator.

C - String is a primary data type.✓

D - None of the above.

Show Answer

Q - Which of the following stands true about default modifier of class members?

A - By default, variables, methods and constructors can be accessed by subclass only.

B - By default, variables, methods and constructors can be accessed by any class lying in any package.

C - By default, variables, methods and constructors can be accessed by any class lying in the same package.✓

D - None of the above.

[Show Answer](#)[> New Test](#)