

# JAVA MOCK TEST

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This section presents you various set of Mock Tests related to **Java Framework**. You can download these sample mock tests at your local machine and solve offline at your convenience. Every mock test is supplied with a mock test key to let you verify the final score and grade yourself.



## JAVA MOCK TEST IV

### Q 1 - What is Serialization?

- A - Serialization is the process of writing the state of an object to another object.
- B - Serialization is the process of writing the state of an object to a byte stream.
- C - Both of the above.
- D - None of the above.

### Q 2 - What is Deserialization?

- A - Deserialization is the process of restoring state of an object from a byte stream.
- B - Deserialization is the process of restoring state of an object from an object.
- C - Both of the above.
- D - None of the above.

### Q 3 - What is a transient variable?

- A - A transient variable is a variable which is serialized during Serialization.
- B - A transient variable is a variable that may not be serialized during Serialization.
- C - A transient variable is a variable which is to be marked as serializable.
- D - None of the above.

### Q 4 - What is synchronization?

- A - Synchronization is the capability to control the access of multiple threads to shared resources.

- B - Synchronization is the process of writing the state of an object to another object.
- C - Synchronization is the process of writing the state of an object to byte stream.
- D - None of the above.

**Q 5 - Does garbage collection guarantee that a program will not run out of memory?**

- A - True.
- B - False.

**Q 6 - Under what conditions is an object's finalize method invoked by the garbage collector?**

- A - When it detects that the object has become unreachable.
- B - As soon as object is set as null.
- C - At fixed intervalm it checks for null value.
- D - None of the above.

**Q 7 - Which arithmetic operations can result in the throwing of an ArithmeticException?**

- A - / , %
- B - \* , +
- C - ! , -
- D - >> , <<

**Q 8 - Can try statements be nested?**

- A - True.
- B - False.

**Q 9 - What will happen if static modifier is removed from the signature of the main method?**

- A - Compilation Error.
- B - RunTime Error: NoSuchMethodError.
- C - Program will compile and run without any output.
- D - Program will compile and run to show the required output.

**Q 10 - Can a top level class be private or protected?**

- A - True.
- B - False.

**Q 11 - Is it necessary that each try block must be followed by a catch block?**

A - True.

B - False.

**Q 12 - Is it necessary that each try block must be followed by a finally block?**

A - True.

B - False.

**Q 13 - What is runtime polymorphism?**

A - Runtime polymorphism is a process in which a call to an overridden method is resolved at runtime rather than at compile-time.

B - Runtime polymorphism is a process in which a call to an overloaded method is resolved at runtime rather than at compile-time.

C - Both of the above.

D - None of the above.

**Q 14 - Can constructor be inherited?**

A - True.

B - False.

**Q 15 - Deletion is faster in LinkedList than ArrayList.**

A - True.

B - False.

**Q 16 - What is currentThread?**

A - It is a Thread public static method used to obtain a reference to the current thread.

B - It is a thread's instance method used to get thread count.

C - It is a object's public static method used obtain a reference to the current thread.

D - It is a object's instance method used to get thread count.

**Q 17 - Which method must be implemented by all threads?**

A - wait

B - start

C - stop

D - run

**Q 18 - What is a marker interface?**

- A - marker interface is an interface with no method.
- B - marker interface is an interface with single method, mark.
- C - marker interface is an interface with single method, marker.
- D - none of the above.

**Q 19 - Which of the following is a marker interface?**

- A - serializable
- B - comparable
- C - cloneable
- D - none of the above.

**Q 20 - Which of the following is a thread safe?**

- A - StringBuilder
- B - StringBuffer
- C - Both of the above
- D - none of the above

**Q 21 - Which of the following is Faster, StringBuilder or StringBuffer?**

- A - StringBuilder
- B - StringBuffer
- C - Both of the above.
- D - none of the above.

**Q 22 - which operator is considered to be with highest precedence?**

- A - , []
- B - =
- C - ?:
- D - %

**Q 23 - This is the parent of Error and Exception classes.**

- A - Throwable
- B - Catchable

C - MainError

D - MainException

**Q 24 - When finally block gets executed?**

A - Always when try block get executed, no matter exception occurred or not.

B - Always when a method get executed, no matter exception occurred or not.

C - Always when a try block get executed, if exception do not occur.

D - Only when exception occurs in try block code.

**Q 25 - In which case, a program is expected to recover?**

A - If an error occurs.

B - If an exception occurs.

C - Both of the above.

D - None of the above.

## ANSWER SHEET

Question Number	Answer Key
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1	B
2	A
3	B
4	A
5	B
6	A
7	A
8	A
9	B
10	B
11	B
12	B
13	A
14	B
15	A
16	A
17	D

18	A
19	A
20	B
21	A
22	A
23	A
24	A
25	B

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