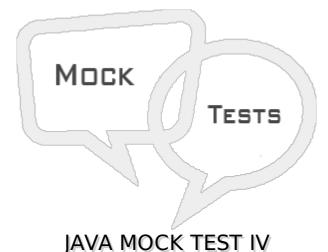
http://www.tutorialspoint.com

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.



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 Serialization 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 occured or not.
- B Always when a method get executed, no matter exception occured 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
1	В
2	А
3	В
4	Α
5	В
6	Α
7	Α
8	А
9	В
10	В
11	В
12	В
13	А
14	В
15	А
16	А
17	D

18	А	
19	А	
20	В	
21	А	
22	А	
23	А	
24	А	
25	В	
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