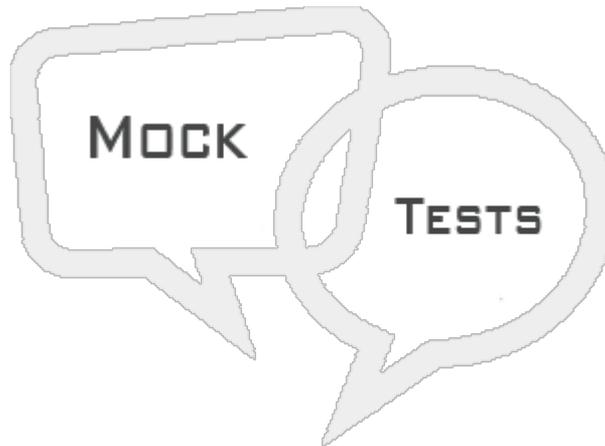


# JAVA MOCK TEST

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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 III

### Q 1 - Composition represents

- A - HAS-A relationship.
- B - IS-A relationship.

### Q 2 - 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

### Q 3 - What is an applet?

- A - An applet is a Java program that runs in a Web browser.
- B - Applet is a standalone java program.
- C - Applet is a tool.
- D - Applet is a run time environment.

### Q 4 - What is Set Interface?

- A - Set is a collection of element which contains elements along with their key.
- B - Set is a collection of element which contains hashcode of elements.
- C - Set is a collection of element which cannot contain duplicate elements.
- D - Set is a collection of element which can contain duplicate elements.

**Q 5 - What is TreeSet Interface?**

- A - It is a Set implemented when we want elements in a tree based order.
- B - It is a Set implemented when we want elements in a sorted order.
- C - It is a Set implemented when we want elements in a binary tree format.
- D - It is a Set implemented when we want elements in a hierarchical order.

**Q 6 - What is JRE?**

- A - JRE is a java based GUI application.
- B - JRE is an application development framework.
- C - JRE is an implementation of the Java Virtual Machine which executes Java programs.
- D - None of the above.

**Q 7 - What is JIT compiler?**

- A - JIT improves the runtime performance of computer programs based on bytecode.
- B - JIT is an application development framework.
- C - JIT is an implementation of the Java Virtual Machine which executes Java programs.
- D - None of the above.

**Q 8 - Can be constructor be made final?**

- A - True.
- B - False.

**Q 9 - Can be constructor be made private?**

- A - True.
- B - False.

**Q 10 - 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.

**Q 11 - What is composition?**

A - Composition is a data structure.

B - Composition is a way to create an object.

C - Holding the reference of the other class within some other class is known as composition.

D - None of the above.

**Q 12 - What is function overloading?**

A - Methods with same name but different parameters.

B - Methods with same name but different return types.

C - Methods with same name, same parameter types but different parameter names.

D - None of the above.

**Q 13 - What is function overriding?**

A - If a subclass uses a method that is already provided by its parent class, it is known as Method Overriding.

B - If a subclass provides a specific implementation of a method that is already provided by its parent class, it is known as Method Overriding.

C - Both of the above.

D - None of the above.

**Q 14 - When static binding occurs?**

A - Static binding occurs during Compile time.

B - Static binding occurs during load time.

C - Static binding occurs during runtime.

D - None of the above.

**Q 15 - Method Overloading is an example of**

A - Static Binding.

B - Dynamic Binding.

C - Both of the above.

D - None of the above.

**Q 16 - Static binding uses which information for binding?**

A - type.

B - object.

C - Both of the above.

D - None of the above.

**Q 17 - Dynamic binding uses which information for binding?**

- A - type.
- B - object.
- C - Both of the above.
- D - None of the above.

**Q 18 - Method Overriding is an example of**

- A - Static Binding.
- B - Dynamic Binding.
- C - Both of the above.
- D - None of the above.

**Q 19 - What is true about a final class?**

- A - class declared final is a final class.
- B - Final classes are created so the methods implemented by that class cannot be overridden.
- C - It can't be inherited.
- D - All of the above.

**Q 20 - What is NullPointerException?**

- A - A NullPointerException is thrown when calling the instance method of a null object or modifying/accessing field of a null object.
- B - A NullPointerException is thrown when object is set as null.
- C - A NullPointerException is thrown when object property is set as null.
- D - None of the above.

**Q 21 - Which is the way in which a thread can enter the waiting state?**

- A - Invoke its sleep method.
- B - invoke object's wait method.
- C - Invoke its suspend method.
- D - All of the above.

**Q 22 - What invokes a thread's run method?**

- A - JVM invokes the thread's run method when the thread is initially executed.
- B - Main application running the thread.

C - start method of the thread class.

D - None of the above.

**Q 23 - What happens when thread's yield method is called?**

A - Thread returns to the ready state.

B - Thread returns to the waiting state.

C - Thread starts running.

D - None of the above.

**Q 24 - What happens when thread's sleep method is called?**

A - Thread returns to the ready state.

B - Thread returns to the waiting state.

C - Thread starts running.

D - None of the above.

**Q 25 - What are Wrapper classes?**

A - These are classes that allow primitive types to be accessed as objects.

B - These are classes that wraps functionality of an existing class.

C - Both of the above.

D - None of the above.

## ANSWER SHEET

Question Number	Answer Key
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1	A
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2	B
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3	A
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4	C
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5	B
---	---

6	C
---	---

7	A
---	---

8	B
---	---

9	A
---	---

10	C
----	---

11	C
----	---

12	A
13	B
14	A
15	A
16	A
17	B
18	B
19	D
20	A
21	D
22	A
23	A
24	B
25	A

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