

Check your understanding.

1. What do you know about JDK, JVM and JRE?
2. Is JVM platform dependent or independent?
What about JRE?
3. What is bytecode?
4. Write a "Hello World" program without giving semicolon.
5. What is a meaning of `System.out.println`
6. What is method overloading?
7. Which are the rules of method overloading?
8. Can we overload main method?
9. What do you know about wrapper class?
10. What is boxing and unboxing? Explain with example
11. Explain class and instance by giving real time example.
12. What is the difference between primitive and non primitive type
13. "`final Complex c = new Complex();`" what is meaning of this statement.
14. What is constructor chaining?
15. What do you know about static initializer block?
16. Why static method do not get this reference?
17. What is singleton class? Can you write code for it?

18. Which are components of JVM? Which are memory areas of JVM?
19. What is diff. between default and protected?
20. What is path and classpath?
21. What do you know about package?
22. Why we can not write multiple public classes in single .java file.
23. What is the difference between import and static import.
24. Which are the methods of java.lang.object class.
25. What is the output of following code?

```
public static void main( Strings[ ] args ){  
    int number;  
    System.out.println( number );  
}
```