

JAVA

- 1) What is JBM, JRE, JDK, JVM, class loader, JIT ?
- 2) Features of Java.
- 3) What is bite code and classfile?
- 4) What is Primitive type and reference type?
- 5) What is command line argument?
- 6) OOps concepts in Java.
- 7) What are Access specifiers? Explain its types.
- 8) What is encapsulation, abstraction (with real time example)?
- 9) What is association, aggregation and composition, generalization?
- 10) What is function overloading?
- 11) What is static variable, static method, static block, import?
- 12) What is wrapper classes? State its use.
- 13) What is inheritance?
- 14) What is Super keyword, final keyword, this keyword?
- 15) What is Constructor?
- 16) Difference between abstract class and interface
- 17) Explain Object class and methods.
- 18) What is checked and unchecked exception?
- 19) Use of try, catch, finally, throw and throws.
- 20) What are packages?
- 21) What is Functional interface, typecasting?
- 22) String class in Java, string buffer, string builder class
- 23) Life cycle of thread.
- 24) 2 ways of creating a thread.

- 25)What is inter thread communication?
- 26)Methods of thread class
- 27)What is collection?
- 28)Difference between array list, linkedlist.
- 29)Iterator interface, list iterator, collection interface, Sort method
- 30) How many types of memory areas are allocated by JVM?
- 31)If I don't provide any arguments on the command line, then what will the value stored in the String array passed into the main() method, empty or NULL?
- 32)What if I write static public void instead of public static void?
- 33)Uses of 'this' keyword.
- 34) Why is multiple inheritance not supported in java?
- 35)What is method overloading? Can we overload the main() method?
- 36)What is method overriding?
- 37)Difference between overriding and overloading
- 38)What is Polymorphism?
- 39)What is exception? State its 2 types.
- 40)Define class and object.
- 41)Which is the parent class of all classes?
- 42)What are var args?
- 43)Difference between hash map, tree map.
- 44)What are getters and setters used for?
- 45)State 3 function signatures used while function overloading.
- 46)Explain the line System.out.println
- 47)What is boxing and auto boxing?
- 48)Explain with examples different types of inheritance.
- 49)What is 'synchronized' keyword?

- 50) Explain wait, notify, notify all (methods of object class)
- 51) Explain various interfaces used in collection framework.
- 52) What is main difference between collection and array?
- 53) What is difference between length of array and size of ArrayList?
- 54) When to use ArrayList and LinkedList?
- 55) What is meaning of public static void main(String args){} ?
- 56) Can we create private class?
- 57) What is inner class?