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 framwork.

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?