Java Test

1. Which provides runtime environment for java byte code to be executed?

    A. JDK
    B. JVM
    C. JRE
    D. JAVAC

2. Which of the following are not Java keywords?
    A. Double
    B. Switch
    C. then
    D. instance of

3. Which one is a template for creating different objects?
    A. An array
    B. A class
    C. Interface
    D. Method

4. Which one is true about a constructor? (Multiple choice)
    A. A constructor must have the same name as the class it is declared within.
    B. A constructor is used to create objects.
    C. A constructor may be declared private
    D. Constructor returns void

5. Which of these is returned by Greater Than, Less Than and Equal To (i.e. Relational) operator?
    A. Float
    B. Integer
    C. Boolean
    D. Double

6. What feature of OOP has a super-class sub-class concept?
    A. Hierarchical inheritance
    B. Multiple inheritance
    C. Single inheritance
    D. Multilevel inheritance

7. Which of the following are not the methods of the Thread class?
    A. Join
    B. Sleep
    C. Yield
    D. Go

8. Which of the following are not Java modifiers?
    A. Private
    B. Public
    C. Default
    D. Transient

9. Which of these have highest precedence?
   A. ++
   B. /
   C. *
   D. ()

10. Which variables are created when an object is created with the use of the keyword 'new' and destroyed when the object is destroyed?
    A. Local variables
    B. Instance variables
    C. Static variables
    D. Final variables

11. What is Collection in Java?
    A. Group of objects
    B. Group of classes
    C. Group of interfaces
    D. None of above

12. Which of these interface declares core method that all collections will have?
    A. Set
    B. List
    C. Collection
    D. Iterator

13. Which of these is an incorrect array declaration?
    a. Int a[]= new int[6]
    b. Int[] a= new int[6]
    c. Int[] a;
        a=new int[6]
    d. Int a[]=new[6] int

14. What will this code print?
    int arr[] = new int [5];
    System.out.print(arr);
    A. O
    B. 00000
    C. Values in array
    D. Garbage value

15. Which of these is necessary to specify at time of array initialization?
    A. Row
    B. Column
    C. Both of above
    D. None of above

16. Which of these is not a bitwise operator?

A. &
B. &=
C. !=

17. Which of the following operators can operate on a Boolean variable? (Multiple)
    A. &&
    B. ==
    C. ?:
    D. +=

18. What is the value stored in x in following lines of code?
    int x, y, z;
    x = 0;
    y = 1;
    x = y = z = 8;
    A. 0
    B. 1
    C. 9
    D. 8

19. Which of these can be used to fully abstract a class from its implementation?
    A. Interface
    B. Object
    C. Package
    D. None of above

20. Which of these access specifiers can be used for an interface?
    A. Public
    B. Private
    C. Default
    D. All of above

21. Which of these class is superclass of String and StringBuffer class?
    A. Java.lang.Object
    B. Java.util.Object
    C. Object
    D. Java.default.Object

22. What will s2 contain after following lines of code?
    String s1 = "One";
    String s2 = s1.concat("two")
    A. One
    B. Two
    C. Onetwo

D. Twoone

23. Which of these class is used to create an object whose character sequence is mutable?(Multiple)
    A. String
    B. StringBuffer
    C. StringBuilder
    D. ConcurrentStringBuilder

24. Which of following can be inherited.
    A. Final class
    B. Static class
    C. Anonymous inner class
    D. Static inner class

25. Which of these keywords must be used to monitor for exceptions?
    A. Try
    B. Catch
    C. Finally
    D. Final
26. Which of these is a super class of all exceptional type classes?
    A. Exception
    B. Throwable
    C. Util
    D. RuntimeException

27. Which of these class is related to all the exceptions that cannot be caught?
    A. Error
    B. Exception
    C. checkedException
    D. none of above

28. Which of these keywords is used to manually throw an exception?
    A. Throws
    B. Throw
    C. Finally

29. Which of these method can be used to make the main thread to be executed last among all the threads?
    A. Stop()
    B. Join()
    C. Sleep()
    D. Block()

30. Which of these interface is implemented by Thread class?
    A. Runnable
    B. Connection
    C. Set
    D. Run

31. What is multithreaded programming?
    A. It's a process in which two different processes run simultaneously.
    B. It's a process in which two or more parts of same process run simultaneously.
    C. Its a process in which many different process are able to access same information.
    D. Its a process in which a single process can access information from many sources.

32. Which of these packages contain all the Java's built in exceptions?
    A. Java.io
    B. Java.lang
    C. Java.util
    D. Java.sql

33. Which of these classes is not included in java.lang?
    A. Byte
    B. Class
    C. Array
    D. Float

34. Which of these is a process of converting a simple data type into a class?(Multiple)
    A. Boxing
    B. AutoBoxing
    C. Unboxing
    D. Type conversion

35. Standard output variable 'out' is defined in which class?
    A. System
    B. Process
    C. Runtime
    D. Object

36. What is the length of the array by default?

A. 0

B. 1

C.-1

D. None

37. Dynamically allocated of array in java by keyword?

A. create

B. dynamic

C. array List

D. new

38. Which exception will be is thrown. When index value is less than 0.

A . ArrayOutOfBoundsException

B. ArraysIndexOutOfBoundsException

C. ArrayIndexOutOfBoundsException

D. ArrayIndexIsOutOfBoundsException

39. Which declaration statement is not possible in array?

 A. int x[][] = { { 1, 2 }, new int[2] };

 B. int x[] = new int[2] {1, 2};

 C. int x[][] = new int[][] { {1, 2}, {3, 5} };

 D. int x[3] = { 1, 2, 3 };

40. i th element has an index in array.

A) i+0

B) i-1

C) i+1

D) None