1) JVM is a _____.
    a. Debugger
    b. Interpreter
    c. Compiler
    d. Both compiler and interpreter
    Answer: d

2) Which file contain byte code ?
    a. Class file
    b. Java file
    c. Exe file
    d. none of above
    Answer: a

3) when does method overloading determined?
    a. At run time
    b. At compile time
    c. At coding time
    d. At execution time
    Answer: b

4) Which keyword is used to refer to member of base class from a sub class ?
    a. Super
    b. This
    c. Me
    d. None of this
    Answer: a

5) Which of these access specifiers can be used an interface?
    a. Protected
    b. Private
    c. Public
    d. All of this
    Answer: c

6) Which of the following is an incorrect form of stringBuffer constructor ?
    a. Stringbuffer()
    b. StringBuffer(int size)
    c. StringBuffer(String str)
    d. StringBuffer (int size, String str)
    Answer: d

7) Exception generated in try block is caught in _____ block.
    a. Catch
    b. Throw
    c. Throws

d. Finally
Answer: a

8) The exception class is a subclass of the _____ class.
   a. Runnable class
   b. Throwable class
   c. Exception class
   d. Error class
   Answer: b

9) In java thread can be created by _____.
   a. Extending the thread class
   b. Implementing runnable interface
   c. Both of the above
   d. None of above
     Answer: c

10) ____ method used to start thread execution.
   a. run();
   b. init();
   c. start();
   d. resume();
   Answer: c

11) which of the following will directly stop the execution of thread?
   a. notify()
   b. notify all()
   c. wait()
   d. none of above
   Answer: c

12) which of these methods is a part of awt ?
   a. display()
   b. paint()
   c. transient()
   d. none
   Answer: b

13) which method is called only once during the run time of your applet ?
   a. paint()
   b. init()
   c. stop()
   d. destroy()
   Answer: b

14) which of these keywords is used to generate an exception explicitly?

a. try
b. Finally
c. throw
d. catch
Answer: b

15) which exception is thrown when divide by zero statement execute ?
a. NumberFormatException
b. ArithmeticException
c. NullPointerException
d. None of these
Answer: b

16) How many primitive data types in java are ?
a. 6
b. 7
c. 8
d. 9
Answer: c

17) Select the valid statement.
a. char[] ch = new char(5)
b. char[] ch = new char[5]
c. char[] ch = new char()
d. char[] ch = new char[]
Answer: b

18) Which reference variable is use to identify the first node in the list?
a. Head
b. Next
c. Current
d. Last
Answer: a

19) Which of this keyword must be used to inherit a class?
a. This
b. Extends
c. Implements
d. Extent
Answer: b

20) Which of these methods of String class is used to obtain character at specified index?
a. charAt()
b. charPos()
c. charIndex()
d. CharLoc()
Answer: a

21) Who is known as father of Java Programming Language?
  A) James Gosling
  B) M. P Java
  C) Charel Babbage
  D) Blais Pascal
Answer: A

22) JVM converts java Bytecode into _____.
  A) Machine Readable Code
  B) C++
  C) HTML
  D) JAVASCRIPT
Answer: A

23) Linked list is considered as an example of _____ type of memory allocation.
  A) Dynamic
  B) Static
  C) Compile time
  D) Heap
Answer: A

24) Bitwise operator can be used with any of the _____ value
  A) Float
  B) Integer
  C) Double
  D) String
Answer: B

25) What will be the output of the following Java program,
Command line execution is done as : "java Output This is a command Line"
class Output
{
 public static void main(String args[])
 {
  System.out.print("args[0]");
  }
}
  A) java
  B) Output
  C) args[0]
  D) This
Answer: C

26) What will be the output of the following Java program ,
public class Questionl

```
{
public static void main(String args[])
{
 char x='1' ,y='2';
 System.out.println(x-y+x);
 }
}
```
            A) 1
            B) 0
            C) 48
            D) 128
Answer: C

27) Which of these selection statement test only for equality?
            A) If
            B) Switch
            C) If & switch
            D) None of the mentioned
Answer: B

28) What are the Type Conversions available in Java language?
            A) Narrowing Type Conversion
            B) Widening Type Conversion
            C) A and B
            D) None of the above
Answer: C

29) Which of this access specifies can be used for a class so that its members can be accessed by a different class in the same package?
            A) Public
            B) Protected
            C) No Modifier
            D) All of the mentioned
Answer: D

30) If you declare any method as synchronized, it is know as____.
            A) Synchronize block
            B) Static synchronization
            C) Synchronized method
            D) All of above
Answer: C

31) Which of the following is not a correct statement?
            A) It is always necessary to use new operator to initialize an array.
            B) Array can be initialized using comma separated expressions surrounded by curly braces.

C) Array can be declared and memory can be allotted in one statement.
D) An array can be declared in one statement and memory can be allocated in other statement.
Answer: A

32) Which Keyword returns the reference of base class Objects ?
   A) Abstract
   B) Super
   C) This
   D) All of above
Answer: B

33) What is the process of defining a method in a subclass having same name & type signature as a method in its superclass?
   A) Method overloading
   B) Method overriding
   C) Method hiding
   D) None of the mentioned
Answer: B

34) Which of these clause will be executed even if no exceptions are found?
   A) throws
   B) finally
   C) throw
   D) catch
Answer: B

35) Hiding internal data from the outside world ,and accessing it only through publically exposed methods is known as data_____
   A) Polymorphism
   B) Encapsulation
   C) Inheritance
   D) Duplication
Answer: B

36) Consider the program given below
   import static java.lang.System.*;
   public class Question
   {
    public static void main(String args[])
    {
    out .println ("JAVA");
    }
   }

   A) It will give compile-time error

B) It will give run-time error
C) JAVA
D) Main Thread Error

Answer: C

37) If a class, say B inherits from a class, say A, then which of the following statement is true?

A) A data but not method if it is declared in A cannot be declared in B.
B) A method but not data if it is declared in A cannot be declared in B.
C) Both data and method declared in A can be declared in B.
D) Neither data nor method once declared in A cannot be declared in B

Answer: C

38) Which of the following is not a Java features?
A) Dynamic
B) Architecture Neutral
C) Use of pointers
D) Object-oriented

Answer: C

39) capacity() function add how many extra characters to the length of given string?
a. +12
b. +11
c.+13
d. +16

Answer: d

40) In a circular linked list _____
a. Components are all linked together in some sequential manner.
b. The last node points to the first node, completing a full circle of nodes
c. Components are arranged hierarchically.
d. None from given

Answer: b