Q:1   Which of the following option leads to the portability and security of Java?
a   Bytecode is executed by JVM
b   The applet makes the Java code secure and portable
c   Use of exception handling
d   Dynamic binding between objects
Ans   a

Q:2   Which of the following is not a Java features?
a   Dynamic
b   Architecture Neutral
c   Use of pointers
d   Object-oriented
Ans   c

Q:3   What is the range of short data type in Java?
a   -128 to 127
b   (-32768) to 32767
c   0 to 65536
d   None of the mentioned
Ans   b

Q:4   _____ is used to find and fix bugs in the Java programs.
a   JVM
b   JDK
c   JRE
d   JDB
Ans   d

Q:5   Latest version of Java is
a   JAVA SE 13
b   JAVA SE 14
c   JAVA SE 15
d   JAVA SE 12
Ans   A

Q:6   Full form of JRE
a   Java Runtime Envirnoment
b   Java Real Environment
c   JDK runtime Environment
d   Java Redundent Environment
Ans   A

Q:7 **Which of the variable not supported by Java**
a   local
b   global
c   static
d   instance
Ans   B

Q:8 **which of the following keyword is used to refer immediate parent class object.**
a   super
b   final
c   static
d   this
Ans   A

Q:9 **____ lets you focus on what the object does instead of how it does it.**
a   abstraction
b   class
c   constructor
d   method
Ans   A

Q:10 **can we extending interface ?**
a   yes
b   no
c   can't say anything
d   Syntax error
Ans   A

Q:11 **which of the following is a class provided by awt package ?**
a   lang
b   Graphics
c   Applet
d   All of above
Ans   B

Q:12 **drawPolygon() method have ___ parameter?**
a   1
b   2
c   3
d   4
Ans   C

Q:13 **Which of following is not part of JDK ?**
a   Class
b   JAVAC
c   Java
d   JDB
Ans   A

Q:14 **By _____ , we can support the functionality of multiple inheritances.**
a   thread
b   interface
c   A & B both
d   none of above
Ans   B

Q:15 **Full form of JDK**
a   Java development Kit
b   Just development Kit
c   Java double Kit
d   Java Development Kilobyte
Ans   A

Q:16 **which of the following keyword is used for restriction purpose?**
a   super
b   final
c   static
d   this
Ans   B

Q:17 **If there is any abstract method in a class, that class must be ____**
a   interface
b   secure
c   final
d   abstract
Ans   D

Q:18 **when applet is loaded which of the method is called ?**
a   init
b   start
c   stop
d   destroy
Ans   A

Q:19 **which of the following is not a package ?**

a   lang

b   Applet

c   applet

d   awt

Ans   B

Q:20 **To retrieve a parameter in applet , use the ___ method**

a   getParameter()

b   Parameter()

c   get()

d   getPara()

Ans   A

Q:21 **_____ is a light weight process?**

a   Thread

b   Applet

c   Exception

d   Constructor

Ans   A

Q:22 **which of following is not Thread class integer priority constants ?**

a   MIN_PRIORITY

b   NORMAL_PRIORITY

c   NORM_PRIORITY

d   MAX_PRIORITY

Ans   B

Q:23 **what are the number of parameters have method drawRect()?**

a   2

b   4

c   6

d   5

Ans   B

Q:24 **which of the following must have same name as class name?**

a   variable

b   constructor

c   class

d   method

Ans   B

Q:25 Java was developed by

a   James Gosling

b   Denis Ritchie

c   E balaguruswami

d   Steave Job

Ans   A

Q:26 which of the following must have same name as class name

a   variable

b   constructor

c   class

d   method

Ans   B

Q:27 which of the following keyword is used for memory management

a   super

b   final

c   static

d   this

Ans   C

Q:28 When applet is said to be dead or removed from memory which of the following method is called ?

a   init

b   dead

c   destroy

d   stop

Ans   C

Q:29 _____ method of Thread class is used to start a newly created thread.

a   init()

b   start()

c   stop()

d   running()

Ans   B

Q:30 Full form of AWT package ?

a   Allow Window Tool

b   Abstract West Time

c   Abstract Window Toolkit

d   Abstract window trim

Ans   C

Q:31   To retrieve a parameter in applet , use the ___ method
a   getParameter()
b   Parameter()
c   get()
d   getPara()
Ans   A

Q:32   which of the following is not a package ?
a   lang
b   Applet
c   applet
d   awt
Ans   B

Q:33   ____ lets you focus on what the object does instead of how it does it.
a   abstraction
b   class
c   constructor
d   method
Ans   A

Q:34   Which keyword is used for accessing the features of a package?
a   package
b   import
c   extends
d   export
Ans   b

Q:35   How How many primitive data types are there in Java ?
a   6
b   7
c   8
d   9
Ans   c

Q:36   According to Sun, __ billion devices run java
a   2
b   3
c   4
d   5
Ans   b

Q:37 **How to set Temporary Path of JDK in Windows**
a   set path=""
b   path=""
c   set=""
d   change path=""
Ans   a

Q:38 **Which of the following is print statement in Java?**
a   System.out.println() is used print statement.
b   system.out.println() is used print statement.
c   System.print() is used print statement.
d   cout is used print statement.
Ans   a

Q:39 **A variable that is declared inside the class but outside the method is called ___ variable.**
a   Local
b   static
c   instance
d   none of above
Ans   c

Q:40 **In Java, Default size of Int data type is ___ byte**
a   2
b   8
c   4
d   16
Ans   c

Q:41 **>>> is which operator ?**
a   right operator
b   zero fill right shift
c   right shift
d   none of above
Ans   b

Q:42 **Assigning a value of one type to a variable of another type is known as _____**
a   Type casting
b   operator overloading
c   function overloading
d   can't possible in Java
Ans   a

Q:43   Widening casting also known as ?

a   Explicit casting

b   Syntax casting

c   Error casting

d   Implicit casting

Ans   d

Q:44   When you are assigning a larger type value to a variable of smaller type, then you need to perform ___ type casting.

a   Explicit casting

b   Syntax casting

c   Error casting

d   Implicit casting

Ans   a

Q:45   Java String is _____

a   Dynamic

b   mutable

c   static

d   Immutable

Ans   d

Q:46   String _____ method compares the original content of the string.

a   equals()

b   equalto()

c   join()

d   compare()

Ans   a

Q:47   The __operator compares references not values.

a   =

b   &&

c   ==

d   &

Ans   c

Q:48   String ____ method concatenates the specified string to the end of current string.

a   concat()

b   join()

c   plus()

d   concat()

Ans   a

Q:49 _____ in java is a special type of method that is used to initialize the object.

a   class

b   constructor

c   object

d   Inheritance

Ans   b

Q:50 Constructor always declared as _____.

a   public

b   private

c   protected

d   default

Ans   a

Q:51 A constructor that has parameters is known as _____ constructor

a   simple

b   copy

c   parameterized

d   default

Ans   c

Q:52 If there is ambiguity between the instance variable and parameter, _____ keyword resolves the problem of ambiguity.

a   class

b   this

c   that

d   super

Ans   b

Q:53 Call to this() must be the first statement in constructor. (T/F)

a   TRUE

b   FALSE

c   can't say anthing

d   depend on situation

Ans   a

Q:54 If a class has multiple methods by same name but different parameters, it is known as_____

a   Method Overloading.

b   Method Overriding.

c   duplicate method

d   copy method

Ans   a

Q:55   In java, Method Overloading is not possible by changing the _____ of the method.

a   return type

b   data type

c   parameter

d   argument

Ans   a

Q:56   Can we overload main () method?

a   Yes

b   no

c   can't say anthing

d   depend on situation

Ans   a

Q:57   _____ can be used to invoke current class constructor.

a   this()

b   that()

c   final()

d   class()

Ans   a

Q:58   If subclass (child class) has the same method as declared in the parent class, it is known as _____ in java.

a   Method Overloading.

b   Method Overriding.

c   duplicate method

d   copy method

Ans   b

Q:59   Can we override static method?

a   Yes

b   no

c   can't say anthing

d   depend on situation

Ans   b

Q:60   Can we override java main method?

a   Yes

b   no

c   can't say anthing

d   depend on situation

Ans   b

Q:61   _____ keyword in java is a reference variable that is used to refer immediate parent class object.

a   super

b   final

c   static

d   this

Ans   a

Q:62   _____ keyword in java is used to restrict the user.

a   super

b   final

c   static

d   this

Ans   b

Q:63   _____ is used to refer immediate parent class instance variable.

a   this

b   final

c   static

d   super

Ans   d

Q:64   If you make any variable as _____, you cannot change the value of final variable

a   this

b   final

c   static

d   super

Ans   b

Q:65   _____is used to invoke immediate parent class method.

a   this

b   final

c   static

d   super

Ans   d

Q:66   If you make any method as ____, you cannot override it.

a   this

b   static
c   final
d   super
Ans   c

Q:67   If you make any method as final, you cannot _____ it.
a   override
b   overload
c   declare
d   define
Ans   a

Q:68   _____ is used to invoke immediate parent class constructor.
a   final
b   static
c   super()
d   this()
Ans   c

Q:69   If you make any class as final, you cannot _____ it.
a   Extend
b   declare
c   overload
d   compile
Ans   a

Q:70   static can't be
a   variable
b   method
c   block
d   constructor
Ans   d

Q:71   _____ keyword in java is used for memory management.B462
a   this
b   static
c   final
d   super
Ans   b

Q:72   Can we declare a constructor final?
a   Yes

b   no
c   can't say anthing
d   depend on situation
Ans   b

Q:73 _____ executed before main method at the time of class loading.
a   final block
b   method
c   static block
d   all of above
Ans   c

Q:74 _____ method can be invoked without the need for creating an instance of a class.
a   final
b   static
c   first method of class
d   none of above
Ans   b

Q:75 class that is declared with _____ keyword is known as abstract class in java.
a   abstract
b   static
c   super
d   this
Ans   a

Q:76 A method that is declared as abstract and does not have implementation is known as ___ method.
a   abstract
b   empty
c   final
d   static
Ans   a

Q:77 _____ is a process of hiding the implementation details and showing only functionality to the user.
a   Inheritance
b   Abstraction
c   polymorephysim
d   object
Ans   b

Q:78 **An _____ is a blueprint of a class.**
a package
b interface
c applet
d thread
Ans b

Q:79 **abstract class cannot be instantiated ?**
a Yes
b no
c can't say anthing
d none of above
Ans a

Q:80 **_____ is/are used to achive abstraction in Java ?**
a Interface
b abstract class
c both A & B
d None of above
Ans c

Q:81 **By Interface,we can support the functionality of ____ inheritances.**
a multiple
b multilevel
c hybired
d single
Ans a

Q:82 **If there is any abstract method in a class, that class must be abstract. (True/false)**
a TRUE
b syntax error can be generate
c FALSE
d none of above
Ans a

Q:83 **which keyword use to implement interface in the class?**
a extends
b extend
c implement
d implements
Ans d

Q:84 **can you inherit the interface ?**
a   yes
b   no
c   compile time error
d   none of above
Ans   a

Q:85 **Applet code uses the services of classes namely _____ from Java library.**
a   app
b   applet
c   Applet
d   apple
Ans   c

Q:86 **Which of following is not applet life cycle state ?**
a   Born
b   live
c   Idle
d   Dead
Ans   b

Q:87 **Applet enters the initialization state when it is first loaded. This is achieved by calling the ___ method of Applet Class.**
a   inite()
b   init()
c   paint()
d   start()
Ans   b

Q:88 **The initialization occurs only once in the applet's life cycle. (True/False)**
a   TRUE
b   FALSE
c   can't say anthing
d   depend on situation
Ans   a

Q:89 **The start() method may be called more than once. (True/False)**
a   TRUE
b   FALSE
c   can't say anthing
d   depend on situation
Ans   a

Q:90 **when applet is removed from memory, which method is called?**
a   end()
b   init()
c   paint()
d   destroy()
Ans   d

Q:91 **To execute the applet , you require _____**
a   appletviewer
b   jdb
c   package
d   none of above
Ans   a

Q:92 **Applet can also run with HTML file. (True/False)**
a   TRUE
b   FALSE
c   can't say anthing
d   depend on situation
Ans   a

Q:93 **which method is used to draw the specified string in applet?**
a   fillString()
b   write()
c   drawString()
d   text()
Ans   c

Q:94 **to draw sqaure in applet . Which method is used?**
a   drawRect()
b   drawSquare()
c   rect()
d   sqaure()
Ans   a

Q:95 **drawString() have _____ parameter?**
a   1
b   2
c   3
d   4
Ans   c

Q:96   **when use fill method of Applet, what is the default fill color?**
a   red
b   black
c   white
d   blue
Ans   b

Q:97   **which is the method to draw Oval in applet?**
a   oval
b   DRAWOVAL
c   drawoval
d   drawOval
Ans   d

Q:98   **what are the number of parameter to draw a circular or elliptical arc?**
a   3
b   6
c   9
d   12
Ans   b

Q:99   **which method is used to set the graphics current color to the specified color ?**
a   setColor
b   settingColor
c   setcolor
d   SetColor
Ans   a

Q:100 **which method is used to set the graphics current font to the specified font?**
a   Font
b   setFont
c   checkFont
d   none of above
Ans   b

Q:101 **whenever your applet needs to update the information displayed in its window, it simply calls _____ method ?**
a   paint
b   init
c   repaint
d   start
Ans   c

Q:102 **which tag is used with parameter of applet?**

a   param
b   parameter
c   head
d   html
Ans a

Q:103 **Which is method to set foreground color of applet?**

a   foreground
b   setForeground
c   setcolor
d   none of above
Ans b

Q:104 **_____ is basically a lightweight sub-process.**

a   class
b   constructor
c   applet
d   Thread
Ans d

Q:105 **There are ____state of applet**

a   2
b   3
c   5
d   6
Ans c

Q:106 **A thread is always in one of these five states. (T/F)**

a   TRUE
b   FALSE
c   both true and/or false
d   can't determine
Ans a

Q:107 **A thread is said to be ____ when it is prevented from entering into the Runnable state and subsequently the running state.**

a   new
b   block
c   running
d   runnable

Ans   b

Q:108   you can crate a thread by extending _____ class.
a   lang
b   Thread
c   thread
d   Th
Ans   b

Q:109   you can crate a thread by implementing _____ interface.
a   Thread
b   package
c   Runnable
d   Run
Ans   c

Q:110   _____method of Thread class is used to start a newly created thread.
a   start
b   runnable
c   init
d   none of above
Ans   a

Q:111   Can we start a thread twice?
a   Yes
b   NO
c   Depend on situation
d   can't determined
Ans   b

Q:112   Priorities are represented by a number between ___ and ___.
a   1,5
b   1,2
c   1,8
d   1,10
Ans   d

Q:113   which of following correct thread priority constant?
a   MIN_PRIORITY
b   MAX_PRIORITY
c   NORM_PRIORITY
d   All of above

Ans   d

Q:114 Default Thread priority constant is _____ ?
a   MIN_PRIORITY
b   MAX_PRIORITY
c   NORM_PRIORITY
d   All of above
Ans   c

Q:115 The value of MIN_PRIORITY is _____
a   1
b   5
c   10
d   2
Ans   a

Q:116 The value of MAX_PRIORITY is _____
a   1
b   5
c   10
d   2
Ans   c

Q:117 The value of NORM_PRIORITY is _____
a   1
b   5
c   10
d   2
Ans   b

Q:118 which method is used to check Thread Priority ?
a   getPriority
b   priority
c   GETPRIORITY
d   setPriority
Ans   a

Q:119 which method is used to set Thread Priority ?
a   getPriority
b   priority
c   GETPRIORITY
d   setPriority

Ans   d

Q:120 _____ **method of Thread class is used to sleep a thread for the specified amount of time.**
a   thread
b   run
c   sleep
d   slip
Ans   c

Q:121 which keyword is used with the method to enter the thread in monitor?
a   synz
b   sync
c   synchronized
d   none of above
Ans   c

Q:122 which method resumes the first thread that went into the sleep mode ?
a   notify
b   resume
c   wait
d   sleep
Ans   a

Q:123 which mechanisms is used to handle the runtime errors ?
a   String
b   Thread
c   Applet
d   Exception
Ans   d

Q:124 If we divide any number by zero, there occurs _____
a   NumberFormatException
b   ArithmeticException
c   NullPointerException
d   none of above
Ans   b

Q:125 If you are inserting any value in the wrong index, it would result _____
a   NumberFormatException
b   ArithmeticException
c   NullPointerException
d   ArrayIndexOutOfBoundsException

Ans   d

Q:126 How many threads can be executed at a time?

a   Only one thread

b   Multiple threads

c   Only main (main() method) thread

d   Two threads

Ans   b

Q:127 The exceptions that are not checked at compile time are called _____exceptions

a   unchecked

b   checked

c   declare

d   undeclare

Ans   a

Q:128 The exceptions that are checked at compile time are called _____exceptions

a   unchecked

b   checked

c   declare

d   undeclare

Ans   b

Q:129 which of following is not used for exception handling?

a   try

b   catch

c   final

d   finally

Ans   c

Q:130 ____block must be followed by either catch or finally block.

a   try

b   catch

c   final

d   finally

Ans   a

Q:131 _____ block is used after the try block only.

a   try

b   catch

c   final

d   finally

Ans   b

Q:132   **At a time only one Exception is occurred and at a time only one catch block is executed.(T/F)**

a   TRUE
b   FALSE
c   error
d   can't determine
Ans   a

Q:133   **_____ block is always executed.**
a   try
b   catch
c   final
d   finally
Ans   d

Q:134   **_____ keyword is used to explicitly throw an exception.**
a   try
b   catch
c   throw
d   throws
Ans   c

Q:135   **_____ Keyword is used to declare an exception.**
a   try
b   catch
c   throw
d   throws
Ans   d

Q:136   **Java StringBuffer is _____**
a   Dynamic
b   mutable
c   static
d   Immutable
Ans   b

Q:137   **StringBuffer() creates an empty string buffer with the initial capacity of _____**
a   15
b   16
c   17

d   18
Ans   b

Q:138   _____ **method concatenates the given argument with this string.**
a   append
b   add
c   join
d   insert
Ans   a

Q:139   _____method inserts the given string with this string at the given position.**
a   append
b   add
c   join
d   insert
Ans   d

Q:140   _____method of StringBuffer class used to deletes the string.**
a   remove
b   delete
c   rm
d   del
Ans   b

Q:141   _____ **method of StringBuilder class reverses the current string.**
a   reverse
b   rev
c   strrev
d   none of above
Ans   a

Q:142   _____ **method returns the string in lowercase letter.**
a   lower
b   strlow
c   toLoweCase
d   strlower
Ans   c

Q:143   _____ **method returns the string in uppercase letter.**
a   upper
b   strupr
c   toUpperCase

d   strUpper
Ans   c

Q:144   _____method eliminates leading and trailing spaces.
a   ltrim
b   rtrim
c   trim
d   trimmer
Ans   c

Q:145   _____ method checks if this string is empty.
a   isEmpty
b   strempty
c   stringempty
d   empty
Ans   a

Q:146   _____method returns a part of the string.
a   substr
b   substring
c   strsub
d   strsubstr
Ans   b

Q:147   _____method concatenates the specified string to the end of current string.
a   concat
b   join
c   plus
d   none of above
Ans   a

Q:148   _____ method compares values lexicographically .
a   check
b   compare
c   equals
d   compareTo
Ans   d

Q:149   _____method returns index of given character value or substring.
a   indexOf
b   index
c   iof

d   Index

Ans   a

Q:150   _____method checks if this string starts with given prefix.

a   starts

b   startsWith

c   Startwith

d   none of above

Ans   b

Q:151 **java handles deallocation automatically that called _____**

a   JVM

b   Jdk

c   Array collection

d   Garbage collection

Ans   d

Q:152 **finalize is a _____**

a   method

b   block

c   keyword

d   none of above

Ans   a

Q:153 **_____ act as container for classes & interface**

a   Abstraction

b   package

c   Loop

d   Array

Ans   b

Q:154 **Full form of API _____**

a   Application Program Interface

b   Application Program Index

c   Application Process Index

d   Application Process Interface

Ans   a

Q:155 **Thread class available in _____ package.**

a   awt

b   util

c   lang

d   io

Ans   c

Q:156   Fullform of AWT _____

a   Abstract Wait Taskkit

b   Abstract Window Taskkit

c   Abstract Wait Toolkit

d   Abstract Window Toolkit

Ans   d

Q:157   To create user define package ___ keyword is used.

a   package

b   extends

c   abstract

d   import

Ans   a

Q:158   To import a package, _____ keyword is used.

a   package

b   extends

c   abstract

d   import

Ans   d

Q:159   Which of these class is superclass of String and StringBuffer class?

a   util

b   lang

c   io

d   lang

Ans   d

Q:160   Which of these method of class String is used to extract a single character from a String object?

a   CHARAT()

b   CHARaT()

c   CharAt()

d   charAt()

Ans   d

Q:161   Which of these is an incorrect statement?

a   String objects are immutable, they cannot be changed

b   String object can point to some other reference of String variable

c   StringBuffer class is used to store string in a buffer for later use
d   None of the mentioned
Ans   c

Q:162

```
class String_demo
{
  public static void main(String args[])

  {
    char chars[] = {'a', 'b', 'c'};
    String s = new String(chars);
    String s1 = "abcd";
    int len1 = s1.length();
    int len2 = s.length();
    System.out.println(len1 + " " + len2);
  }    }
```

What will be the output of the this Java program?

a   3 0
b   4 3
c   3 4
d   0 0
Ans   b

Q:163   Which of these is not a bitwise operator?
a   &
b   &=
c |=
d   &&
Ans   d

Q:164

```
class bitwise_operator
{
  public static void main(String args[])
  {
    int a = 3;
    int b = 6;
   int c = a | b;
    int d = a & b;
    System.out.println(c + " "  + d);
  }    }
```

a   7 3
b   7 2

c   8 2
d   8 3
Ans   b

Q:165 Method overriding is combination of inheritance and polymorphism? (T/F)
a   TRUE
b   FALSE
c   can't say anything
d   none of above
Ans   a

Q:166 When does method overloading is determined?
a   At run time
b   At compile time
c   At coding time
d   At execution time
Ans   b

Q:167 Which of the following is a type of polymorphism in Java?
a   Compile time polymorphism
b   Execution time polymorphism
c   Multiple polymorphism
d   Multilevel polymorphism
Ans   a

Q:168 Which component is responsible for converting bytecode into machine specific code?
a   JVM
b   JDK
c   JIT
d   JRE
Ans   a

Q:169 Which component is used to compile, debug and execute java program?
a   JVM
b   JDK
c   JIT
d   JRE
Ans   b

Q:170 Which statement is true about java?
a   Platform independent programming language
b   Platform dependent programming language

c   Code dependent programming language

d   Sequence dependent programming language

Ans   a

Q:171 What is the extension of compiled java classes?

a   .class

b   .java

c   .txt

d   .js

Ans   a

Q:172 What is use of interpreter?

a   They convert bytecode to machine language code

b   They read high level code and execute them

c   They are intermediated between JIT and JVM

d   It is a synonym for JIT

Ans   b

Q:173 Which function is used to perform some action when the object is to be destroyed?

a   finalize()

b   delete()

c   main()

d   none of the mentioned

Ans   a

Q:174 Which of the following classes can catch all exceptions which cannot be caught?

a   RuntimeException

b   Error

c   Exception

d   ParentException

Ans   b

Q:175 Which of these access specifiers must be used for main() method?

a   private

b   public

c   protected

d   none of the mentioned

Ans   b

Q:176 Which of these access specifier must be used for class so that it can be inherited by another subclass?

a   public

b   private
c   protected
d   none of the mentioned
Ans   a

Q:177 Which of these is a wrapper for simple data type float?
a   float
b   double
c   Float
d   Double
Ans   c

Q:178 Which of the following package stores all the simple data types in java?
a   lang
b   java
c   util
d   java.packages
Ans   a

Q:179 Which of these methods of a Thread class is used to suspend a thread for a period of time?
a   sleep()
b   terminate()
c   suspend()
d   stop()
Ans   a

Q:180 Which of these keywords are used for the block to be examined for exceptions?
a   try
b   catch
c   throw
d   check
Ans   a

Q:181 Which of these statements is incorrect?
a   try block need not to be followed by catch block
b   try block can be followed by finally block instead of catch block
c   try can be followed by both catch and finally block
d   try need not to be followed by anything
Ans   d

Q:182 Which of these classes is used to define exceptions?
a   Exception

b   Throwable

c   Abstract

d   System

Ans   a

Q:183 Which of these classes is super class of Exception class?

a   Throwable

b   System

c   RunTime

d   Class

Ans   a

Q:184 Which of these are types of multitasking?

a   Process based

b   Thread based

c   Process and Thread based

d   None of the mentioned

Ans   c

Q:185 Thread priority in Java is?

a   Integer

b   Float

c   double

d   long

Ans   a

Q:186 Which of these statements is incorrect?

a   By multithreading CPU idle time is minimized, and we can take maximum use of it

b   By multitasking CPU idle time is minimized, and we can take maximum use of it

c   Two thread in Java can have the same priority

d   A thread can exist only in two states, running and blocked

Ans   d

Q:187 Which of these method wakes up all the threads?

a   wakeAll()

b   notify()

c   start()

d   notifyAll()

Ans   d

Q:188 Which of these is used to perform all input & output operations in Java?

a   streams

b   Variables
c   classes
d   Methods
Ans   a

Q:189 Which of these functions is called to display the output of an applet?
a   display()
b   paint()
c   displayApplet()
d   PrintApplet()
Ans   b

Q:190 Which of these keywords is used to define interfaces in Java?
a   interface
b   Interface
c   intf
d   Intf
Ans   a

Q:191 Which of these keywords is used by a class to use an interface defined previously?
a   import
b   Import
c   implements
d   Implements
Ans   c

Q:192 Which of the following is the correct way of implementing an interface A by class B?
a   class B extends A{}
b   class B implements A{}
c   class B imports A{}
d   None of the mentioned
Ans   b

Q:193 What does an interface contain?
a   Method definition
b   Method declaration
c   Method declaration and definition
d   Method name
Ans   b

Q:194 What type of methods an interface contain by default?
a   abstract

b   static
c   final
d   private
Ans   a

Q:195 What happens when a constructor is defined for an interface?
a   Compilation failure
b   Runtime Exception
c   The interface compiles successfully
d   The implementing class will throw exception
Ans   a

Q:196 All methods must be implemented of an interface.
a   TRUE
b   FALSE
c   can't determined
d   none of above
Ans   a

Q:197 Which of this method is used to find out that a thread is still running or not?
a   run()
b   Alive()
c   isAlive()
d   checkRun()
Ans   c

Q:198 What is synchronization in reference to a thread?
a   It's a process of handling situations when two or more threads need access to a shared resource
b   It's a process by which many thread are able to access same shared resource simultaneously
c   It's a process by which a method is able to access many different threads simultaneously
d   It's a method that allow too many threads to access any information the require
Ans   a

Q:199   Which of these method waits for the thread to terminate?
a   sleep()
b   isAlive()
c   join()
d   stop()
Ans   c

Q:200
```
import java.awt.*;
import java.applet.*;
public class BCA extends Applet
{
   public void paint(Graphics g)
   {
      g.drawString("SDJ", 20, 20);
   }
}
```
what is the Message is displayed in the applet made by the following Java program?

a   SDJ
b   SDJ 20 20
c   Compilation Error
d   Runtime Error
Ans   a

Q:201 Which of the following is the correct way of importing an entire package 'pkg'?
a   import pkg.
b   Import pkg.
c   import pkg.*
d   Import pkg.*
Ans   c