1/Number of primitive data types in Java are?

/ 6

/ 7

/ 8

/ 9

/ c

2/What is the size of float and double in Java?

/ 32 and 64

/ 32 and 32

/ 64 and 64

/ 64 and 32 / a

3/Automatic type conversion is possible in which of the possible cases?

/ Byte to int

/ Int to long

/ Long to int

/ Short to int / b

4/Find the output of the following code/int Integer = 24;

char String = ‘I’; System.out.print(Integer); System.out.print(String);

/ Compile error

/ Throws exception

/ I

/ 24 I

/ d

5/Select the valid statement.

/ char[] ch = new char(5)

/ char[] ch = new char[5]

/ char[] ch = new char()

/ char[] ch = new char[]

/ b

6/When an array is passed to a method, what does the method receive?

/ The reference of the array

/ A copy of the array

/ Length of the array

/ Copy of the first element

/ a

7/Select the valid statement to declare and initialize an array.

/ int[] A = {}

/ int[] A = {1, 2, 3}

/ int[] A = (1, 2, 3)

/ int[][] A = {1, 2, 3}

/ b

8/Arrays in java are-

/ Object references

/ objects

/ Primitive data type

/ None

/ b

9/When is the object created with new keyword?

/ At run time

/ At compile time

/ Depends on the code

/ None

/ a

10/Identify the correct definition of a package.

/ A package is a collection of editing tools

/ A package is a collection of classes

/ A package is a collection of classes and interfaces

/ A package is a collection of interfaces

/ c

11/Identify the correct restriction on static methods.

i They must access only static data

ii They can only call other static methods

iii They cannot refer to this or super

/ I and ii

/ iiand iii

/ Only iii

/ I, ii and iii

/ d

12/Identify the keyword among the following that makes a variable belong to a class, rather than being defined for each instance of the class.

/ final

/ static

/ volatile

/ abstract

/ b

13/In which of the following is toString() method defined?

/ java.lang.Object

/ java.lang.String

/ java.lang.util

/ None

/ a

14/CompareTo() returns

/ True

/ False

/ An int value

/ None

/ c

15/Identify the output of the following program/String str = “Hellow”;

System.out.println(str.indexOf(‘t));

/ 0

/ 1

/ True

/ -1

/ d

16/To which of the following does the class string belong to.

/ java.lang

/ java.awt

/ java.applet

/ java.string

/ a

17/How many objects will be created in the following? String a = new String(“heetson”);

String b = new String(“heetson”); Strinc c = “heetson”;

String d = “heetson”;

/ 2

/ 3

/ 4

/ None

/ b

18/Total constructor string class have?

/ 3

/ 7

/ 13

/ 20

/ c

19/Find the output of the following code/int ++a = 100;

System.out.println(++/;

/ 101

/ Compile error as ++a is not valid identifier

/ 100

/ None

/ b

20/Identify the return type of a method that does not return any value.

/ int

/ void

/ double

/ None

/ b

21/Output of Math.floor(3.6) is

/ 3

/ 3.0

/ 4

/ 4.0

/ b

22/Where does the system stores parameters and local variables whenever a method is invoked?

/ Heap

/ Stack

/ Array

/ Tree

/ b

23/Identify the modifier which cannot be used for constructor.

/ public

/ protected

/ private

/ static

/ d

24/What is the variable declared in a class for the use of all methods of the class called?

/ Object

/ Instance variables

/ Reference variable

/ None

/ b

25/What is the implicit return type of constructor?

/ No return type

/ A class object in which it is defined

/ void

/ None

/ b

26/When is the finalize() method called?

/ Before garbage collection

/ Before an object goes out of scope

/ Before a variable goes out of scope

/ None

/ a

27/Identify the prototype of the default constructor/Public class Solution {}

/ Solution(voi/

/ Solution()

/ public Solution(voi/

/ public Solution()

/ d

28/Identify the correct way of declaring constructor/Public class Solution {}

/ Solution(){}

/ public Solution(){}

/ Solution(voi/{}

/ Both A and B

/ d

29/Identify the infinite loop.

/ for(; ;)

/ for(int i=0; i<1; i--)

/ for(int i=0; ;i++)

/ All of the above

/ d

30/What is Runnable?

/ Abstract class

/ Interface

/ Class

/ Method

/ b

31/Exception created by try block is caught in which block

/ catch

/ throw

/ final

/ none

/ a

32/Which of the following exception is thrown when divided by zero statement is executed?

/ NullPointerException

/ NumberFormatException

/ ArithmeticException

/ None

/ c

33/Where is System class defined?

/ java.lang.package

/ java.util.package

/ java.io.package

/ None

/ a

34/Identify the interface which is used to declare core methods in java?

/ Comparator

/ EventListener

/ Set

/ Collection

/ d

35/Which of the following statement are true about finalize() method?

/ It can be called Zero or one times

/ It can be called Zero or more times

/ It can be called Exactly once

/ It can be called one or more times

/ a

36/What does the operator >>>> do?

/ Right shift operator

/ Left shift operator

/ Zero fill left shift

/ Zero fill right sift

/ d

37/Identify the incorrect java feature.

/ Object oriented

/ Use of pointers

/ Dynamic

/ Architectural neural

/ b

38/Which environment variable is used to set the java path?

/ MAVEN\_Path

/ JavaPATH

/ JAVA

/ JAVA\_HOME

/ d

39/Which of the following is not an OOPS concept in Java?

/ Polymorphism

/ Inheritance

/ Compilation

/ Encapsulation

/ c

40/What is not the use of “this” keyword in Java?

/ Referring to the instance variable when a local variable has the same name

/ Passing itself to the method of the same class

/ Passing itself to another method

/ Calling another constructor in constructor chaining

/ b

41/Which of the following is a type of polymorphism in Java Programming?

/ Multiple polymorphism

/ Compile time polymorphism

/ Multilevel polymorphism

/ Execution time polymorphism

/ b

42/What is Truncation in Java?

/ Floating-point value assigned to a Floating type

/ Floating-point value assigned to an integer type

/ Integer value assigned to floating type

/ Integer value assigned to floating type

/ b

43/What is the extension of compiled java classes?

/ .txt

/ .js

/ .class

/ .java

/ c

44/Which exception is thrown when java is out of memory?

/ MemoryError

/ OutOfMemoryError

/ MemoryOutOfBoundsException

/ MemoryFullException

/ b

46/Which of these keywords is used to define interfaces in Java?

/ intf

/ Intf

/ interface

/ Interface

/ c

47/Which of the following is a superclass of every class in Java?

/ ArrayList

/ Abstract class

/ Object class

/ String

/ c

48/Which of the below is not a Java Profiler?

/ JProfiler

/ Eclipse Profiler

/ JVM

/ JConsole

/ c

49/Which of these packages contains the exception Stack Overflow in Java?

/ java.io

/ java.system

/ java.lang

/ java.util

/ c

50/Which of these statements is incorrect about Thread?

/ start() method is used to begin execution of the thread

/ run() method is used to begin execution of a thread before start() method in special cases

/ A thread can be formed by implementing Runnable interface only

/ A thread can be formed by a class that extends Thread class

/ b

51/Which of these keywords are used for the block to be examined for exceptions?

/ check

/ throw

/ catch

/ try

/ d

52/What is the numerical range of a char data type in Java?

/ 0 to 256

/ -128 to 127

/ 0 to 65535

/ 0 to 32767

/ c

53/Which class provides system independent server side implementation?

/ Server

/ ServerReader

/ Socket

/ ServerSocket

/ d

54/Which of the following is true about servlets?

/ Servlets can use the full functionality of the Java class libraries

/ Servlets execute within the address space of web server, platform independent and uses the functionality of java class libraries

/ Servlets execute within the address space of web server

/ Servlets are platform-independent because they are written in java

/ b

55/What is the range of short data type in Java?

/ -128 to 127

/ -32768 to 32767

/ -2147483648 to 2147483647

/ None of the mentioned

/ b

56/What is the range of byte data type in Java?

/ -128 to 127

/ -32768 to 32767

/ -2147483648 to 2147483647

/ None of the mentioned

/ a

57/An expression involving byte, int, and literal numbers is promoted to which of these?

/ int

/ long

/ byte

/ float

/ a

58/Which of these literals can be contained in float data type variable?

/ -1.7e+308

/ -3.4e+038

/ +1.7e+308

/ -3.4e+050

/ b

59/Which data type value is returned by all transcendental math functions?

/ int

/ float

/ double

/ long

/ c

60/Which of these coding types is used for data type characters in Java?

/ ASCII

/ ISO-LATIN-1

/ UNICODE

/ None of the mentioned

/ c

61/Which of these values can a boolean variable contain?

/ True & False

/ 0 & 1

/ Any integer value

/ true

/ a

62/Which of these occupy first 0 to 127 in Unicode character set used for characters in Java?

/ ASCII

/ ISO-LATIN-1

/ None of the mentioned

/ ASCII and ISO-LATIN1

/ d

63/What is the order of variables in Enum?

/ Ascending order

/ Descending order

/ Random order

/ Depends on the order() method

/ d

64/If we try to add Enum constants to a TreeSet, what sorting order will it use?

/ Sorted in the order of declaration of Enums

/ Sorted in alphabetical order of Enums

/ Sorted based on order() method

/ Sorted in descending order of names of Enums

/ a

65/Which method returns the elements of Enum class?

/ getEnums()

/ getEnumConstants()

/ getEnumList()

/ getEnum()

/ b

66/Which class does all the Enums extend?

/ Object

/ Enums

/ Enum

/ EnumClass

/ c

67/Which of the following is the advantage of BigDecimal over double?

/ Syntax

/ Memory usage

/ Garbage creation

/ Precision

/ d

68/Which of the below data type doesn’t support overloaded methods for +,-,\* and /?

/ int

/ float

/ double

/ BigDecimal

/ d

69/What is the base of BigDecimal data type?

/ Base 2

/ Base 8

/ Base 10

/ Base e

/ c

70/What is the limitation of toString() method of BigDecimal?

/ There is no limitation

/ toString returns null

/ toString returns the number in expanded form

/ toString uses scientific notation

/ d

71/Which of the following is not provided by BigDecimal?

/ scale manipulation

/ + operator

/ rounding

/ hashing

/ b

72/BigDecimal is a part of which package?

/ java.lang

/ java.math

/ java.util

/ java.io

/ b

73/What is BigDecimal.ONE?

/ wrong statement

/ custom defined statement

/ static variable with value 1 on scale 10

/ static variable with value 1 on scale 0

/ d

74/Which class is a library of functions to perform arithmetic operations of BigInteger and BigDecimal?

/ MathContext

/ MathLib

/ BigLib

/ BigContext

/ a

75/How to format date from one form to another?

/ SimpleDateFormat

/ DateFormat

/ SimpleFormat

/ DateConverter

/ a

76/How to identify if a timezone is eligible for DayLight Saving?

/ useDaylightTime() of Time class

/ useDaylightTime() of Date class

/ useDaylightTime() of TimeZone class

/ useDaylightTime() of DateTime class

/ a

77/What is the replacement of joda time library in java 8?

/ java.time (JSR-310)

/ java.date (JSR-310)

/ java.joda

/ java.jodaTime

/ a

78/How is Date stored in database?

/ java.sql.Date

/ java.util.Date

/ java.sql.DateTime

/ java.util.DateTime

/ a

79/What does LocalTime represent?

/ Date without time

/ Time without Date

/ Date and Time

/ Date and Time with timezone

/ b

80/How to get difference between two dates?

/ long diffInMilli = java.time.Duration.between(dateTime1, dateTime2).toMillis();

/ long diffInMilli = java.time.difference(dateTime1, dateTime2).toMillis();

/ Date diffInMilli = java.time.Duration.between(dateTime1, dateTime2).toMillis();

/ Time diffInMilli = java.time.Duration.between(dateTime1, dateTime2).toMillis();

/ a

81/How to get UTC time?

/ Time.getUTC();

/ Date.getUTC();

/ Instant.now();

/ TimeZone.getUTC();

/ c

82/Which of these is long data type literal?

/ 0x99fffL

/ ABCDEFG

/ 0x99fffa

/ 99671246

/ a

83/Which of these can be returned by the operator &?

/ Integer

/ Boolean

/ Character

/ Integer or Boolean

/ d

84/Literals in java must be appended by which of these?

/ L

/ l

/ D

/ L and I

/ d

85/Literal can be of which of these data types?

/ integer

/ float

/ boolean

/ all of the mentioned

/ d

86/Which of these is necessary condition for automatic type conversion in Java?

/ The destination type is smaller than source type

/ The destination type is larger than source type

/ The destination type can be larger or smaller than source type

/ None of the mentioned

/ b

87/What is the prototype of the default constructor of this Java class?

public class prototype { }

/ prototype{}

/ prototype{void}

/ public prototype{void}

/ public prototype{ }

/ d

88/If an expression contains double, int, float, long, then the whole expression will be promoted into which of these data types?

/ long

/ int

/ double

/ float / c

89/Which of these operators is used to allocate memory to array variable in Java?

/ malloc

/ alloc

/ new

/ new malloc

/ c

90/Which of these is an incorrect array declaration?

/ int arr[] = new int[5]

/ int [] arr = new int[5]

/ int arr[] = new int[5]

/ int arr[] = int [5] new

/ d

91/Which of these is an incorrect Statement?

/ It is necessary to use new operator to initialize an array

/ Array can be initialized using comma separated expressions surrounded by curly braces

/ Array can be initialized when they are declared

/ None of the mentioned

/ a

92/Which of these is necessary to specify at time of array initialization?

/ Row

/ Column

/ Both Row and Column

/ None of the mentioned

/ a

93/What is the type of variable ‘b’ and ‘d’ in the following Java snippet? int a[], b;

int []c, d;

/ ‘b’ and ‘d’ are int

/ ‘b’ and ‘d’ are arrays of type int

/ ‘b’ is int variable; ‘d’ is int array

/ ‘d’ is int variable; ‘b’ is int array

/ c

94/Generics does not work with?

/ Set

/ List

/ Tree

/ Array

/ d

95/How to sort an array?

/ Array.sort{}

/ Arrays.sort{}

/ Collection.sort{}

/ System.sort{}

/ b

96/How to copy contents of array?

/ System.arrayCopy{}

/ Array.copy{}

/ Arrays.copy{}

/ Collection.copy{}

/ a

97/Where is an array stored in memory?

/ heap space

/ stack space

/ heap space and stack space

/ first generation memory

/ a

98/An array elements are always stored in memory locations.

/ Sequential

/ Random

/ Sequential and Random

/ Binary search

/ a

99/Which of the following can be operands of arithmetic operators?

/ Numeric

/ Boolean

/ Characters

/ Both Numeric & Characters

/ d

100/Modulus operator, %, can be applied to which of these?

/ Integers

/ Floating – point numbers

/ Both Integers and floating – point numbers

/ None of the mentioned

/ c

101/Decrement operator, ??, decreases the value of variable by what number? / 1 / 2 / 3 / 4

/ a

102/Which of these statements are incorrect?

/ Assignment operators are more efficiently implemented by Java run-time system than their equivalent long forms

/ Assignment operators run faster than their equivalent long forms

/ Assignment operators can be used only with numeric and character data type

/ None of the mentioned / d

103/Which of these is not a bitwise operator?

/ &

/ &=

/ |=

/ <= / d

104/Which operator is used to invert all the digits in a binary representation of a number?

/ ~

/ <<<

/ >>>

/ ^ / a

105/On applying Left shift operator, <<, on integer bits are lost one they are shifted past which position bit?

/ 1

/ 32

/ 33

/ 31 / d

106/Which right shift operator preserves the sign of the value?

/ <<

/ >>

/ <<=

/ >>=

/ b

107/Which of these statements are incorrect?

/ The left shift operator, <<, shifts all of the bits in a value to the left specified number of times

/ The right shift operator, >>, shifts all of the bits in a value to the right specified number of times

/ The left shift operator can be used as an alternative to multiplying by 2

/ The right shift operator automatically fills the higher order bits with 0 / d

108/What is the output of relational operators?

/ Integer / Boolean / Characters / Double / b

109/Which of these is returned by “greater than”, “less than” and “equal to” operators?

/ Integers

/ Floating – point numbers

/ Boolean

/ None of the mentioned / c

110/Which of these operators can skip evaluating right hand operand?

/ !

/ |

/ &

/ && / d

111/Which of these statements is correct?

/ true and false are numeric values 1 and 0

/ true and false are numeric values 0 and 1

/ true is any non zero value and false is 0

/ true and false are non numeric values / d

112/Which of these have highest precedence?

/ ()

/ ++

/ \*

/ >> / a

113/What should be expression1 evaluate to in using ternary operator as in this line? expression1 ? expression2 : expression3

/ Integer

/ Floating – point numbers

/ Boolean

/ None of the mentioned / c

114/Which of these selection statements test only for equality?

/ if / switch

/ if & switch / none of the mentioned / b

115/Which of these are selection statements in Java?

/ if()

/ for()

/ continue

/ break / a

116/Which of the following loops will execute the body of loop even when condition controlling the loop is initially false?

/ do-while

/ while

/ for

/ none of the mentioned / a

117/Which of these jump statements can skip processing the remainder of the code in its body for a particular iteration?

/ break

/ return

/ exit

/ continue / d

118/Which of this statement is incorrect?

/ switch statement is more efficient than a set of nested ifs

/ two case constants in the same switch can have identical values

/ switch statement can only test for equality, whereas if statement can evaluate any type of boolean expression

/ it is possible to create a nested switch statements / b

119/What is true about a break?

/ Break stops the execution of entire program

/ Break halts the execution and forces the control out of the loop

/ Break forces the control out of the loop and starts the execution of next iteration

/ Break halts the execution of the loop for certain time frame / b

120/What is true about do statement?

/ do statement executes the code of a loop at least once

/ do statement does not get execute if condition is not matched in the first iteration

/ do statement checks the condition at the beginning of the loop

/ do statement executes the code more than once always / a

121/Which of the following is used with the switch statement?

/ Continue / Exit / break / do / c

122/Which of the following is not a decision making statement?

/ if

/ if-else

/ switch

/ do-while / d

123/Which of the following is not a valid jump statement?

/ break

/ goto

/ continue

/ return / b

124/From where break statement causes an exit?

/ Only from innermost loop

/ Terminates a program

/ Only from innermost switch

/ From innermost loops or switches / d

125/Which of the following is not a valid flow control statement?

/ exit()

/ break

/ continue

/ return / a

126/Which of the following is not OOPS concept in Java?

/ Inheritance

/ Encapsulation

/ Polymorphism

/ Compilation / d

127/Which of the following is a type of polymorphism in Java?

/ Compile time polymorphism / Execution time polymorphism

/ Multiple polymorphism / Multilevel polymorphism / a

128/When does method overloading is determined?

/ At run time

/ At compile time

/ At coding time

/ At execution time / b

129/When Overloading does not occur?

/ More than one method with same name but different method signature and different number or type of parameters

/ More than one method with same name, same signature but different number of signature

/ More than one method with same name, same signature, same number of parameters but different type

/ More than one method with same name, same number of parameters and type but different signature / d

130/Which concept of Java is a way of converting real world objects in terms of class?

/ Polymorphism

/ Encapsulation

/ Abstraction

/ Inheritance / c

131/Which concept of Java is achieved by combining methods and attribute into a class?

/ Encapsulation

/ Inheritance

/ Polymorphism

/ Abstraction / a

132/What is it called if an object has its own lifecycle and there is no owner?

/ Aggregation

/ Composition

/ Encapsulation

/ Association / d

133/What is it called where child object gets killed if parent object is killed?

/ Aggregation

/ Composition

/ Encapsulation

/ Association / b

134/What is it called where object has its own lifecycle and child object cannot belong to another parent object?

/ Aggregation / Composition / Encapsulation / Association / a

135/Which component is responsible for converting bytecode into machine specific code?

/ JVM / JDK / JIT / JRE / a

136/Which component is responsible to run java program?

/ JVM

/ JDK

/ JIT

/ JRE / d

137/Which of the below is invalid identifier with the main method?

/ public

/ static

/ private

/ final / c

138/How can we identify whether a compilation unit is class or interface from a .class file?

/ Java source file header

/ Extension of compilation unit

/ We cannot differentiate between class and interface

/ The class or interface name should be postfixed with unit type / a

139/What is use of interpreter?

/ They convert bytecode to machine language code

/ They read high level code and execute them

/ They are intermediated between JIT and JVM

/ It is a synonym for JIT / b

140/What is the stored in the object obj in following lines of Java code? box obj;

/ Memory address of allocated memory of object

/ NULL

/ Any arbitrary pointer

/ Garbage / b

141/Which of these keywords is used to make a class?

/ class / struct / int / none of the mentioned / a

142/Which of the following is a valid declaration of an object of class Box?

/ Box obj = new Box();

/ Box obj = new Box;

/ obj = new Box();

/ new Box obj; / a

143/Which of these statement is incorrect?

/ Every class must contain a main() method

/ Applets do not require a main() method at all

/ There can be only one main() method in a program

/ main() method must be made public / a

144/Which of the following statements is correct?

/ Public method is accessible to all other classes in the hierarchy

/ Public method is accessible only to subclasses of its parent class

/ Public method can only be called by object of its class

/ Public method can be accessed by calling object of the public class / a

145/What is the process of defining more than one method in a class differentiated by method signature?

/ Function overriding

/ Function overloading

/ Function doubling

/ None of the mentioned / b

146/Which of the following is a method having same name as that of it’s class?

/ finalize

/ delete

/ class

/ constructor / d

147/Which method can be defined only once in a program?

/ main method / finalize method

/ static method / private method / a

148/Which of this statement is incorrect?

/ All object of a class are allotted memory for the all the variables defined in the class

/ If a function is defined public it can be accessed by object of other class by inheritation

/ main() method must be made public

/ All object of a class are allotted memory for the methods defined in the class / d

149/What is the return type of Constructors?

/ int / float / void / none of the mentioned / d

150/Which keyword is used by the method to refer to the object that invoked it?

/ import / catch

/ abstract / this / d

151/Which of the following is a method having same name as that of its class?

/ finalize

/ delete

/ class

/ constructor / d

152/Which operator is used by Java run time implementations to free the memory of an object when it is no longer needed?

/ delete

/ free

/ new

/ none of the mentioned / d

153/Which function is used to perform some action when the object is to be destroyed?

/ finalize()

/ delete()

/ main()

/ none of the mentioned / a

154/Which of the following statements are incorrect?

/ default constructor is called at the time of object declaration

/ constructor can be parameterized

/ finalize() method is called when a object goes out of scope and is no longer needed

/ finalize() method must be declared protected

155/What is true about private constructor?

/ Private constructor ensures only one instance of a class exist at any point of time

/ Private constructor ensures multiple instances of a class exist at any point of time

/ Private constructor eases the instantiation of a class

/ Private constructor allows creating objects in other classes / a

156/What would be the behaviour if this() and super() used in a method?

/ Runtime error / Throws exception

/ compile time error / Runs successfully / c

157/What is false about constructor?

/ Constructors cannot be synchronized in Java

/ Java does not provide default copy constructor

/ Constructor can have a return type

/ “this” and “super” can be used in a constructor / c

158/What is true about Class.getInstance()?

/ Class.getInstance calls the constructor

/ Class.getInstance is same as new operator

/ Class.getInstance needs to have matching constructor

/ Class.getInstance creates object if class does not have any constructor / d

159/What is true about constructor?

/ It can contain return type / It can take any number of parameters

/ It can have any non access modifiers / Constructor cannot throw an exception / b

160/What is true about protected constructor?

/ Protected constructor can be called directly

/ Protected constructor can only be called using super()

/ Protected constructor can be used outside package

/ protected constructor can be instantiated even if child is in a different package / b

161/What is not the use of “this” keyword in Java?

/ Passing itself to another method

/ Calling another constructor in constructor chaining

/ Referring to the instance variable when local variable has the same name

/ Passing itself to method of the same class

162/What would be the behaviour if one parameterized constructor is explicitly defined?

/ Compilation error

/ Compilation succeeds

/ Runtime error

/ Compilation succeeds but at the time of creating object using default constructor, it throws compilation error

/ d

163/What would be behaviour if the constructor has a return type?

/ Compilation error

/ Runtime error

/ Compilation and runs successfully

/ Only String return type is allowed / a

164/Which of the following has the highest memory requirement?

/ Heap / Stack / JVM / Class / c

165/Where is a new object allocated memory?

/ Young space

/ Old space

/ Young or Old space depending on space availability

/ JVM / a

166/Which of the following is a garbage collection technique?

/ Cleanup model

/ Mark and sweep model

/ Space management model

/ Sweep model / b

167/What is -Xms and -Xmx while starting jvm?

/ Initial; Maximum memory

/ Maximum; Initial memory

/ Maximum memory

/ Initial memory / a

168/Which exception is thrown when java is out of memory?

/ MemoryFullException / MemoryOutOfBoundsException

/ OutOfMemoryError / MemoryError

169/How to get prints of shared object memory maps or heap memory maps for a given process?

/ jmap / memorymap / memorypath / jvmmap / a

170/What happens to the thread when garbage collection kicks off?

/ The thread continues its operation

/ Garbage collection cannot happen until the thread is running

/ The thread is paused while garbage collection runs

/ The thread and garbage collection do not interfere with each other / c

171/Which of the below is not a Java Profiler?

/ JVM / JConsole / JProfiler / Eclipse Profiler / a

172/Which of the below is not a memory leak solution?

/ Code changes / JVM parameter tuning

/ Process restart / GC parameter tuning / c

173/What is the process of defining two or more methods within same class that have same name but different parameters declaration?

/ method overloading

/ method overriding

/ method hiding

/ none of the mentioned / a

174/Which of these can be overloaded?

/ Methods

/ Constructors

/ All of the mentioned

/ None of the mentioned / c

175/Which of these is correct about passing an argument by call-by-value process?

/ Copy of argument is made into the formal parameter of the subroutine

/ Reference to original argument is passed to formal parameter of the subroutine

/ Copy of argument is made into the formal parameter of the subroutine and changes made on parameters of subroutine have effect on original argument

/ Reference to original argument is passed to formal parameter of the subroutine and changes made on parameters of subroutine have effect on original argument

/ a

176/What is the process of defining a method in terms of itself, that is a method that calls itself?

/ Polymorphism

/ Abstraction

/ Encapsulation

/ Recursion / d

177/Which of these access specifiers must be used for main() method?

/ private

/ public

/ protected

/ none of the mentioned / b

178/Which of these is used to access a member of class before object of that class is created?

/ public

/ private

/ static

/ protected / c

179/Which of these is used as a default for a member of a class if no access specifier is used for it?

/ private

/ public

/ public, within its own package

/ protected / a

180/What is the process by which we can control what parts of a program can access the members of a class?

/ Polymorphism

/ Abstraction

/ Encapsulation

/ Recursion / c

181/Which of the following statements are incorrect?

/ public members of class can be accessed by any code in the program

/ private members of class can only be accessed by other members of the class

/ private members of class can be inherited by a subclass, and become protected members in subclass

/ protected members of a class can be inherited by a subclass, and become private members of the subclass

182/Which of these access specifier must be used for class so that it can be inherited by another subclass?

/ public / private / protected / none of the mentioned / a

183/All the variables of class should be ideally declared as?

/ private / public

/ protected / default / a

184/Which of the following modifier means a particular variable cannot be accessed within the package?

/ private

/ public

/ protected

/ default / a

185/How can a protected modifier be accessed?

/ accessible only within the class

/ accessible only within package

/ accessible within package and outside the package but through inheritance only

/ accessible by all / c

186/What happens if constructor of class A is made private?

/ Any class can instantiate objects of class A

/ Objects of class A can be instantiated only within the class where it is declared

/ Inherited class can instantiate objects of class A

/ classes within the same package as class A can instantiate objects of class A / b

187/All the variables of interface should be?

/ default and final

/ default and static

/ public, static and final

/ protect, static and final / c

188/What is true of final class?

/ Final class cause compilation failure

/ Final class cannot be instantiated

/ Final class cause runtime failure

/ Final class cannot be inherited

189/How many copies of static and class variables are created when 10 objects are created of a class? / 1, 10 / 10, 10 / 10, 1 / 1, 1

/ a

190/Which is the modifier when there is none mentioned explicitly?

/ protected / private

/ public / default / d

191/Arrays in Java are implemented as?

/ class

/ object

/ variable

/ none of the mentioned / b

192/Which of these keywords is used to prevent content of a variable from being modified?

/ final

/ last

/ constant

/ static / a

193/Which of these cannot be declared static?

/ class

/ object

/ variable

/ method / b

194/Which of the following statements are incorrect?

/ static methods can call other static methods only

/ static methods must only access static data

/ static methods can not refer to this or super in any way

/ when object of class is declared, each object contains its own copy of static variables / d

195/Which of the following statements are incorrect?

/ Variables declared as final occupy memory

/ final variable must be initialized at the time of declaration

/ Arrays in java are implemented as an object

/ All arrays contain an attribute-length which contains the number of elements stored in the array / a

196/Which of these methods must be made static?

/ main() / delete() / run() / finalize() / a

197/String in Java is a?

/ class

/ object

/ variable

/ character array / a

198/Which of these method of String class is used to obtain character at specified index?

/ char()

/ Charat()

/ charat()

/ charAt() / d

199/Which of these keywords is used to refer to member of base class from a subclass?

/ upper

/ super

/ this

/ none of the mentioned / b

200/Which of these method of String class can be used to test to strings for equality?

/ isequal()

/ isequals()

/ equal()

/ equals() / d

201/Which of the following statements are incorrect?

/ String is a class

/ Strings in java are mutable

/ Every string is an object of class String

/ Java defines a peer class of String, called StringBuffer, which allows string to be altered / b

202/Which of these is the method which is executed first before execution of any other thing takes place in a program?

/ main method / finalize method

/ static method / private method / c

203/What is the process of defining more than one method in a class differentiated by parameters?

/ Function overriding / Function overloading

/ Function doubling / None of the mentioned / b

204/Which of these can be used to differentiate two or more methods having the same name?

/ Parameters data type

/ Number of parameters

/ Return type of method

/ All of the mentioned / d

205/Which of these data type can be used for a method having a return statement in it?

/ void

/ int

/ float

/ both int and float / d

206/Which of these statement is incorrect?

/ Two or more methods with same name can be differentiated on the basis of their parameters data type

/ Two or more method having same name can be differentiated on basis of number of parameters

/ Any already defined method in java library can be defined again in the program with different data type of parameters

/ If a method is returning a value the calling statement must have a variable to store that value / d

207/Which of this method is given parameter via command line arguments?

/ main()

/ recursive() method

/ Any method

/ System defined methods / a

208/Which of these data types is used to store command line arguments?

/ Array

/ Stack

/ String

/ Integer / c

209/How many arguments can be passed to main()?

/ Infinite / Only 1 / System Dependent / None of the mentioned / a

210/Which of these is a correct statement about args in the following line of code? public static void main(String args[])

/ args is a String

/ args is a Character

/ args is an array of String

/ args in an array of Character / c

211/Can command line arguments be converted into int automatically if required?

/ Yes

/ No

/ Compiler Dependent

/ Only ASCII characters can be converted / b

212/How do we pass command line argument in Eclipse?

/ Arguments tab

/ Variable tab

/ Cannot pass command line argument in eclipse

/ Environment variable tab / a

213/Which class allows parsing of command line arguments?

/ Args

/ JCommander

/ Command Line

/ Input / b

214/Which annotation is used to represent command line input and assigned to correct data type?

/ @Input

/ @Variable

/ @Command Line

/ @Parameter / d

215/What is the use of @syntax?

/ Allows multiple parameters to be passed

/ Allows one to put all your options into a file and pass this file as a parameter

/ Allows one to pass only one parameter

/ Allows one to pass one file containing only one parameter / b

216/What is Recursion in Java?

/ Recursion is a class

/ Recursion is a process of defining a method that calls other methods repeatedly

/ Recursion is a process of defining a method that calls itself repeatedly

/ Recursion is a process of defining a method that calls other methods which in turn call again this method

/ c

217/Which of these data types is used by operating system to manage the Recursion in Java?

/ Array

/ Stack

/ Queue

/ Tree / b

218/Which of these will happen if recursive method does not have a base case?

/ An infinite loop occurs

/ System stops the program after some time

/ After 1000000 calls it will be automatically stopped

/ None of the mentioned / a

219/Which of these is not a correct statement?

/ A recursive method must have a base case

/ Recursion always uses stack

/ Recursive methods are faster that programmers written loop to call the function repeatedly using a stack

/ Recursion is managed by Java Runtime environment / d

220/Which of these packages contains the exception Stack Overflow in Java?

/ java.lang

/ java.util

/ java.io

/ java.system / a

221/Which of this keyword can be used in a subclass to call the constructor of superclass?

/ super

/ this

/ extent

/ extends / a

222/What is the process of defining a method in a subclass having same name & type signature as a method in its superclass?

/ Method overloading / Method overriding

/ Method hiding / None of the mentioned / b

223/Which of these keywords can be used to prevent Method overriding?

/ static

/ constant

/ protected

/ final / d

224/Which of these is correct way of calling a constructor having no parameters, of superclass A by subclass B?

/ super(voi/;

/ superclass.();

/ super.A();

/ super(); / d

225/Which of these is supported by method overriding in Java?

/ Abstraction

/ Encapsulation

/ Polymorphism

/ None of the mentioned / c

226/Which of these method of Object class can clone an object?

/ Objectcopy()

/ copy()

/ Object clone()

/ clone() / c

227/Which of these method of Object class is used to obtain class of an object at run time?

/ get()

/ void getclass()

/ Class getclass()

/ None of the mentioned / c

228/Which of these keywords can be used to prevent inheritance of a class?

/ super

/ constant

/ class

/ final / d

229/Which of these keywords cannot be used for a class which has been declared final?

/ abstract / extends / abstract and extends / none of the mentioned / a

230/Which of these class relies upon its subclasses for complete implementation of its methods?

/ Object class / abstract class

/ ArrayList class / None of the mentioned / b

231/Which of these keywords are used to define an abstract class?

/ abst

/ abstract

/ Abstract

/ abstract class / b

232/Which of these is not abstract?

/ Thread

/ AbstractList

/ List

/ None of the Mentioned / a

233/If a class inheriting an abstract class does not define all of its function then it will be known as?

/ Abstract

/ A simple class

/ Static class

/ None of the mentioned / a

234/Which of these is not a correct statement?

/ Every class containing abstract method must be declared abstract

/ Abstract class defines only the structure of the class not its implementation

/ Abstract class can be initiated by new operator

/ Abstract class can be inherited / c

235/Which of these packages contains abstract keyword?

/ java.lang

/ java.util

/ java.io

/ java.system / a

236/Which of this keyword must be used to inherit a class?

/ super / this

/ extent / extends / d

237/A class member declared protected becomes a member of subclass of which type?

/ public member / private member

/ protected member / static member / b

238/Which of these is correct way of inheriting class A by class B?

/ class B + class A {}

/ class B inherits class A {}

/ class B extends A {}

/ class B extends class A {} / c

239/What is not type of inheritance?

/ Single inheritance

/ Double inheritance

/ Hierarchical inheritance

/ Multiple inheritance / b

240/Using which of the following, multiple inheritance in Java can be implemented?

/ Interfaces

/ Multithreading

/ Protected methods

/ Private methods / a

241/All classes in Java are inherited from which class?

/ java.lang.class

/ java.class.inherited

/ java.class.object

/ java.lang.Object / d

242/In order to restrict a variable of a class from inheriting to subclass, how variable should be declared?

/ Protected

/ Private

/ Public

/ Static / b

243/If super class and subclass have same variable name, which keyword should be used to use super class?

/ super / this / upper / classname / a

244/Which of the following is used for implementing inheritance through an interface?

/ inherited / using / extends / implements / d

245/Which of the following is used for implementing inheritance through class?

/ inherited

/ using

/ extends

/ implements / c

246/What would be the result if a class extends two interfaces and both have a method with same name and signature? Lets assume that the class is not implementing that method.

/ Runtime error

/ Compile time error

/ Code runs successfully

/ First called method is executed successfully / b

247/Which of these class is superclass of String and StringBuffer class?

/ java.util

/ java.lang

/ ArrayList

/ None of the mentioned / b

248/Which of these operators can be used to concatenate two or more String objects?

/ +

/ +=

/ &

/ || / a

249/Which of this method of class String is used to obtain a length of String object?

/ get()

/ Sizeof()

/ lengthof()

/ length() / d

250/Which of these method of class String is used to extract a single character from a String object?

/ CHARAT() / chatat()

/ charAt() / ChatAt() / c

251/Which of these constructors is used to create an empty String object?

/ String()

/ String(voi/

/ String(0)

/ None of the mentioned / a

252/Which of these is an incorrect statement?

/ String objects are immutable, they cannot be changed

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

/ StringBuffer class is used to store string in a buffer for later use

/ None of the mentioned / c

253/Which of these method of class String is used to extract more than one character at a time a String object?

/ getchars()

/ GetChars()

/ Getchars()

/ getChars() / d

254/Which of these methods is an alternative to getChars() that stores the characters in an array of bytes?

/ getBytes()

/ GetByte()

/ giveByte()

/ Give Bytes() / a

255/Which of these methods can be used to convert all characters in a String into a character array?

/ charAt()

/ both getChars() & charAt()

/ both toCharArray() & getChars()

/ all of the mentioned / c

256/Which of these method of class String is used to compare two String objects for their equality?

/ equals()

/ Equals()

/ isequal()

/ Isequal() / a

257/Which of these methods is used to compare a specific region inside a string with another specific region in another string?

/ regionMatch()

/ match()

/ RegionMatches()

/ regionMatches() / d

258/Which of these methods of class String is used to check whether a given object starts with a particular string literal?

/ startsWith()

/ endsWith()

/ Starts()

/ ends() / a

259/What is the value returned by function compareTo() if the invoking string is less than the string compared?

/ zero

/ value less than zero

/ value greater than zero

/ none of the mentioned / b

260/Which of these data type value is returned by equals() method of String class?

/ char

/ int

/ boolean

/ all of the mentioned / c

261/Which of this method of class String is used to extract a substring from a String object?

/ substring()

/ Substring()

/ SubString()

/ None of the mentioned / a

262/Which of these method of class String is used to remove leading and trailing whitespaces?

/ startsWith()

/ trim()

/ Trim()

/ doTrim() / b

263/What is the value returned by function compareTo() if the invoking string is greater than the string compared?

/ zero

/ value less than zero

/ value greater than zero

/ none of the mentioned / c

264/Which of the following statement is correct?

/ replace() method replaces all occurrences of one character in invoking string with another character

/ replace() method replaces only first occurrences of a character in invoking string with another character

/ replace() method replaces all the characters in invoking string with another character

/ replace() replace() method replaces last occurrence of a character in invoking string with another character

/ a

265/Which of these class is used to create an object whose character sequence is mutable?

/ String()

/ StringBuffer()

/ String() & StringBuffer()

/ None of the mentioned / b

266/Which of this method of class StringBuffer is used to concatenate the string representation to the end of invoking string?

/ concat()

/ append()

/ join()

/ concatenate() / b

267/Which of these method of class StringBuffer is used to find the length of current character sequence?

/ length()

/ Length()

/ capacity()

/ Capacity() / a

268/What is the string contained in s after following lines of Java code? StringBuffer s new StringBuffer("Hello");

s.deleteCharAt(0);

/ Hell / ello / Hel / llo / b

269/Which of the following statement is correct?

/ reverse() method reverses all characters

/ reverseall() method reverses all characters

/ replace() method replaces first occurrence of a character in invoking string with another character

/ replace() method replaces last occurrence of a character in invoking string with another character / a

270/Which of these methods of class StringBuffer is used to extract a substring from a String object?

/ substring() / Substring()

/ SubString() / None of the mentioned / a

271/Which of this method of class StringBuffer is used to reverse sequence of characters?

/ reverse()

/ reverseall()

/ Reverse()

/ reverseAll() / a

272/Which of this method of class StringBuffer is used to get the length of the sequence of characters?

/ length()

/ capacity()

/ Length()

/ Capacity() / a

273/Which of the following are incorrect form of StringBuffer class constructor?

/ StringBuffer()

/ StringBuffer(int size)

/ StringBuffer(String str)

/ StringBuffer(int size , String str) / d

274/Which of these classes is not included in java.lang?

/ Byte

/ Integer

/ Array

/ Class / c

275/Which of these is a process of converting a simple data type into a class?

/ type wrapping / type conversion

/ type casting / none of the Mentioned / a

276/Which of these is a super class of wrappers Double & Integer?

/ Long / Digits / Float / Number / d

277/Which of these is a wrapper for simple data type float?

/ float

/ double

/ Float

/ Double / c

278/Which of the following is a method of wrapper Float for converting the value of an object into byte?

/ bytevalue()

/ byte byteValue()

/ Bytevalue()

/ Byte Bytevalue() / b

279/Which of these methods is used to check for infinitely large and small values?

/ isInfinite()

/ isNaN()

/ Isinfinite()

/ IsNaN() / a

280/Which of the following package stores all the simple data types in java?

/ lang

/ java

/ util

/ java.packages / a

281/Which of these is a wrapper for data type int?

/ Integer

/ Long

/ Byte

/ Double / a

282/Which of the following methods is a method of wrapper Integer for obtaining hash code for the invoking object?

/ int hash() / int hashcode()

/ int hashCode() / Integer hashcode() / c

283/Which of these is a super class of wrappers Long, Character & Integer?

/ Long / Digits / Float / Number / d

284/Which of these is a wrapper for simple data type char?

/ Float

/ Character

/ String

/ Integer / b

285/Which of the following is method of wrapper Integer for converting the value of an object into int?

/ bytevalue()

/ int intValue();

/ Bytevalue()

/ Byte Bytevalue() / b

286/Which of these methods is used to obtain value of invoking object as a long?

/ long value()

/ long longValue()

/ Long longvalue()

/ Long Longvalue() / b

287/Which of these class have only one field ‘TYPE’?

/ Void

/ Process

/ System

/ Runtime / a

288/Which of the following method of Process class can terminate a process?

/ void kill()

/ void destroy()

/ void terminate()

/ void exit() / b

289/Standard output variable ‘out’ is defined in which class?

/ Void / Process

290/Which of these class can encapsulate an entire executing program?

/ Void / Process / Runtime / System / b

291/Which of the following is method of System class is used to find how long a program takes to execute?

/ currenttime()

/ currentTime()

/ currentTimeMillis()

/ currenttimeMillis() / c

292/Which of these class holds a collection of static methods and variables?

/ Void

/ Process

/ Runtime

/ System / d

293/Which of these class is a superclass of all other classes?

/ Math

/ Process

/ System

/ Object / d

294/What is the value of double consonant ‘E’ defined in Math class?

/ approximately 3

/ approximately 3.14

/ approximately 2.72

/ approximately 0 / c

295/Which of these class contains only floating point functions?

/ Math

/ Process

/ System

/ Object / a

296/Which of these class encapsulate the runtime state of an object or an interface?

/ Class / Object

297/What is the value of “d” in the following Java code snippet?

double d = Math.round ( 2.5 + Math.random() );

/ 2

/ 3

/ 4

/ 2.5

/ b

Explanation: The Math.random() method returns a number greater than or equal to 0 and less than 1/so

2.5 will be greater than or equal to 2.5 and less than 3.5, we can be sure that Math.round() will round that number to 3.

298/Which of these exceptions is thrown by methods of System class?

/ IOException

/ SystemException

/ SecurityException

/ InputOutputException / c

299/Which of these methods initiates garbage collection?

/ gc()

/ garbage()

/ garbagecollection()

/ Systemgarbagecollection() / a

300/Which of these methods loads the specified dynamic library?

/ load()

/ library()

/ loadlib()

/ loadlibrary() / a

301/Which of these values are returns under the case of normal termination of a program?

/ 0

/ 1

/ 2

/ 3 / a

302/Which of these is a super class of wrappers Double and Float?

/ Long / Digits

/ Float / Number / d

303/Which of the following methods return the value as a double?

/ doubleValue() / converDouble() / getDouble() / getDoubleValue() / a

304/Which of these methods can be used to check whether the given value is a number or not?

/ isNaN()

/ isNumber()

/ checkNaN()

/ checkNumber() / a

305/Which of these exceptions is thrown by compareTo() method defined in a double wrapper?

/ IOException

/ SystemException

/ CastException

/ ClassCastException / d

306/Which of these packages contain classes and interfaces used for input & output operations of a program?

/ java.util

/ java.lang

/ java.io

/ all of the mentioned / c

307/Which of these class is not a member class of java.io package?

/ String

/ StringReader

/ Writer

/ File / a

308/Which of these interface is not a member of java.io package?

/ DataInput

/ ObjectInput

/ ObjectFilter

/ FileFilter / c

309/Which of these is specified by a File object?

/ a file in disk / directory path

/ directory in disk / none of the mentioned

310/Which of these is method for testing whether the specified element is a file or a directory?

/ IsFile() / isFile() / Isfile() / isfile() / b

311/Which of these classes is used for input and output operation when working with bytes?

/ InputStream

/ Reader

/ Writer

/ All of the mentioned / a

312/Which of these class is used to read and write bytes in a file?

/ FileReader

/ FileWriter

/ FileInputStream

/ InputStreamReader / c

313/Which of these method of InputStream is used to read integer representation of next available byte input?

/ read()

/ scanf()

/ get()

/ getInteger() / a

314/Which of these is a method to clear all the data present in output buffers?

/ clear()

/ flush()

/ fflush()

/ close() / b

315/Which of these method(s) is/are used for writing bytes to an outputstream?

/ put()

/ print() and write()

/ printf()

/ write() and read() / b

316/Which of these stream contains the classes which can work on character stream?

/ InputStream / OutputStream

/ Character Stream / All of the mentioned

317/Which of these class is used to read characters in a file?

/ FileReader / FileWriter

/ FileInputStream / InputStreamReader / a

318/Which of these method of FileReader class is used to read characters from a file?

/ read() / scanf()

/ get() / getInteger() / a

319/Which of these classes can return more than one character to be returned to input stream?

/ BufferedReader

/ Bufferedwriter

/ PushbachReader

/ CharArrayReader / c

320/Which of the following is not a segment of memory in java?

/ Stack Segment

/ Heap Segment

/ Code Segment

/ Register Segment / d

321/What is JVM?

/ Bootstrap

/ Interpreter

/ Extension

/ Compiler / b

322/Which class loader loads jar files from JDK directory?

/ Bootstrap

/ Extension

/ System

/ Heap / b

323/Which of the following is not a memory classification in java?

/ Young

/ Old

/ Permanent

/ Temporary

324/What is the Java 8 update of PermGen?

/ Code Cache / Tenured Space / Metaspace / Eden space / c

325/Classes and Methods are stored in which space?

/ Eden space

/ Survivor space

/ Tenured space

/ Permanent space / d

326/Where is String Pool stored?

/ Java Stack

/ Java Heap

/ Permanent Generation

/ Metaspace / b

327/Which of these exceptions handles the situations when an illegal argument is used to invoke a method?

/ IllegalException

/ Argument Exception

/ IllegalArgumentException

/ IllegalMethodArgumentExcepetion / c

328/Which of these exceptions will be thrown if we declare an array with negative size?

/ IllegalArrayException

/ IllegalArraySizeExeption

/ NegativeArrayException

/ NegativeArraySizeExeption / d

329/Which of these packages contain all the Java’s built in exceptions?

/ java.io

/ java.util

/ java.lang

/ java.net / c

330/Which of these exceptions will be thrown if we use null reference for an arithmetic operation?

/ ArithmeticException / NullPointerException

/ IllegalAccessException / IllegalOperationException / b

331/Which of these class is used to create user defined exception?

/ java.lang / Exception / RunTime / System / b

332/Which of these class provides various types of rounding functions?

/ Math

/ Process

/ System

/ Object / a

333/Which of these methods return a smallest whole number greater than or equal to variable X?

/ double ceil(double X)

/ double floor(double X)

/ double max(double X)

/ double min(double X) / a

334/Which of these method returns a largest whole number less than or equal to variable X?

/ double ceil(double X)

/ double floor(double X)

/ double max(double X)

/ double min(double X) / b

335/Which of these methods of Byte wrapper can be used to obtain Byte object from a string?

/ toString()

/ getString()

/ decode()

/ encode() / c

336/Which of the following methods Byte wrapper return the value as a double?

/ doubleValue()

/ converDouble()

/ getDouble()

/ getDoubleValue() / a

337/Which of these is a super class of wrappers Byte and short wrappers?

/ Long / Digits

/ Float / Number / d

338/Which of these methods is not defined in both Byte and Short wrappers?

/ intValue() / isInfinite() / toString() / hashCode() / b

339/Which of these methods of Character wrapper can be used to obtain the char value contained in Character object.

/ get()

/ getVhar()

/ charValue()

/ getCharacter() / c

340/Which of the following constant are defined in Character wrapper?

/ MAX\_RADIX

/ MAX\_VALUE

/ TYPE

/ All of the mentioned / d

341/Which of these is a super class of Character wrapper?

/ Long

/ Digits

/ Float

/ Number / d

342/Which of these methods is used to know whether a given Character object is part of Java’s Identifiers?

/ isIdentifier()

/ isJavaIdentifier()

/ isJavaIdentifierPart()

/ none of the mentioned / c

343/Which of these coding techniques is used by method isDefined()?

/ Latin

/ ASCII

/ ANSI

/ UNICODE / d

344/Which of these methods of Boolean wrapper returns boolean equivalent of an object.

/ getBool() / booleanValue()

/ getbooleanValue() / getboolValue() / b

345/Which of these methods return string equivalent of Boolean object?

/ getString() / toString() / converString() / getStringObject() / b

346/Which of these methods is used to know whether a string contains “true”?

/ valueOf()

/ valueOfString()

/ getString()

/ none of the mentioned / a

347/Which of these class have only one field?

/ Character

/ Boolean

/ Byte

/ void / d

348/Which of these class contains all the methods present in Math class?

/ SystemMath

/ StrictMath

/ Compiler

/ ClassLoader / b

349/Which of these method return a pseudorandom number?

/ rand()

/ random()

/ randomNumber()

/ randGenerator() / b

350/Which of these method returns the remainder of dividend / divisor?

/ remainder()

/ getRemainder()

/ CSIremainder()

/ IEEEremainder() / d

351/toRadian() and toDegree() methods were added by which version of Java?

/ Java 1.0 / Java 1.5

/ Java 2.0 / Java 3.0 / c

352/Which of these method returns a smallest whole number greater than or equal to variable X?

/ double ciel(double X) / double floor(double X)

/ double max(double X) / double min(double X) / a

353/Which of these classes encapsulate runtime environment?

/ Class

/ System

/ Runtime

/ ClassLoader / c

354/Which of the following exceptions is thrown by every method of Runtime class?

/ IOException

/ SystemException

/ SecurityException

/ RuntimeException / c

355/Which of these methods returns the total number of bytes of memory available to the program?

/ getMemory()

/ TotalMemory()

/ SystemMemory()

/ getProcessMemory() / b

356/Which of these classes encapsulate runtime state of an object?

/ Class

/ System

/ Runtime

/ Cache / a

357/Which of these methods returns the class of an object?

/ getClass()

/ Class()

/ WhoseClass()

/ WhoseObject() / a

358/Which of these methods return a class object given its name?

/ getClass() / findClass()

/ getSystemClass() / findSystemClass() / d

359/Which of these class defines how the classes are loaded?

/ Class / System / Runtime / ClassLoader / d

360/Which of the interface contains all the methods used for handling thread related operations in Java?

/ Runnable interface

/ Math interface

/ System interface

/ ThreadHandling interface / a

361/Which of these class is used to make a thread?

/ String

/ System

/ Thread

/ Runnable / c

362/Which of this interface is implemented by Thread class?

/ Runnable

/ Connections

/ Set

/ MapConnections / a

363/Which object Java application uses to create a new process?

/ Process

/ Builder

/ ProcessBuilder

/ CreateBuilder / c

364/Which of the following is true about Java system properties?

/ Java system properties are accessible by any process

/ Java system properties are accessible by processes they are added to

/ Java system properties are retrieved by System.getenv()

/ Java system properties are set by System.setenv() / b

365/What does System.getProperty(“variable”) return?

/ compilation error / value stored in variable

/ runtime error / null / d

366/What is true about the setProperties method?

/ setProperties method changes the set of Java Properties which are persistent

/ Changing the system properties within an application will affect future invocations

/ setProperties method changes the set of Java Properties which are not persistent

/ setProperties writes the values directly into the file which stores all the properties / c

367/How to use environment properties in the class?

/ @Environment / @Variable / @Property / @Autowired / d

368/Which environment variable is used to set java path?

/ JAVA

/ JAVA\_HOME

/ CLASSPATH

/ MAVEN\_HOME / b

369/How to read a classpath file?

/ InputStream in = this.getClass().getResource(“SomeTextFile.txt”);

/ InputStream in = this.getClass().getResourceClasspath(“SomeTextFile.txt”);

/ InputStream in = this.getClass().getResourceAsStream(“SomeTextFile.txt”);

/ InputStream in = this.getClass().getResource(“classpath:/SomeTextFile.txt”); / c

370/Which of these is a process of writing the state of an object to a byte stream?

/ Serialization

/ Externalization

/ File Filtering

/ All of the mentioned / a

371/Which of these process occur automatically by the java runtime system?

/ Serialization

/ Garbage collection

/ File Filtering

/ All of the mentioned / a

372/Which of these is an interface for control over serialization and deserialization?

/ Serializable / Externalization

/ FileFilter / ObjectInput

373/Which of these interface extends DataOutput interface?

/ Serializable

/ Externalization

/ ObjectOutput

/ ObjectInput / c

374/Which of these is a method of ObjectOutput interface used to finalize the output state so that any buffers are cleared?

/ clear()

/ flush()

/ fflush()

/ close() / b

375/Which of these is method of ObjectOutput interface used to write the object to input or output stream as required?

/ write()

/ Write()

/ StreamWrite()

/ writeObject() / d

376/How an object can become serializable?

/ If a class implements java.io.Serializable class

/ If a class or any superclass implements java.io.Serializable interface

/ Any object is serializable

/ No object is serializable / b

377/What is serialization?

/ Turning object in memory into stream of bytes

/ Turning stream of bytes into an object in memory

/ Turning object in memory into stream of bits

/ Turning stream of bits into an object in memory / a

378/What is deserialization?

/ Turning object in memory into stream of bytes

/ Turning stream of bytes into an object in memory

/ Turning object in memory into stream of bits

/ Turning stream of bits into an object in memory

379/How many methods Serializable has?

/ 1

/ 2

/ 3

/ 0 / d

Explanation: Serializable interface does not have any method/It is also called a marker interface.

380/What type of members are not serialized?

/ Private

/ Protected

/ Static

/ Throwable / c

381/If member does not implement serialization, which exception would be thrown?

/ RuntimeException

/ SerializableException

/ NotSerializableException

/ UnSerializedException / c

382/Which of the following methods is used to avoid serialization of new class whose super class already implements Serialization?

/ writeObject()

/ readWriteObject()

/ writeReadObject()

/ unSerializaedObject() / a

383/Which of the following methods is not used while Serialization and DeSerialization?

/ readObject()

/ readExternal()

/ readWriteObject()

/ writeObject() / c

384/Which of these is a process of extracting/removing the state of an object from a stream?

/ Serialization

/ Externalization

/ File Filtering

/ Deserialization

385/Which of these process occur automatically by java run time system?

/ Serialization / Memory allocation / Deserialization / All of the mentioned / d

386/Which of these interface extends DataInput interface?

/ Serializable

/ Externalization

/ ObjectOutput

/ ObjectInput / d

387/Which of these is a method of ObjectInput interface used to deserialize an object from a stream?

/ int read()

/ void close()

/ Object readObject()

/ Object WriteObject() / c

388/Which of these class extend InputStream class?

/ ObjectStream

/ ObjectInputStream

/ ObjectOutput

/ ObjectInput / b

389/Which of these package contains classes and interfaces for networking?

/ java.io

/ java.util

/ java.net

/ java.network / c

390/Which of these is a protocol for breaking and sending packets to an address across a network?

/ TCP/IP

/ DNS

/ Socket

/ Proxy Server / a

391/Which of these methods of httpd class is used to read data from the stream?

/ getDta() / GetResponse()

/ getStream() / getRawRequest()

392/Which of these interface abstractes the output of messages from httpd?

/ LogMessage / LogResponse

/ Httpdserver / httpdResponse / a

393/How many ports of TCP/IP are reserved for specific protocols?

/ 10

/ 1024

/ 2048

/ 512

/ b

394/Which of these is a protocol for breaking and sending packets to an address across a network?

/ TCP/IP

/ DNS

/ Socket

/ Proxy Server / a

395/Which of these class is used to encapsulate IP address and DNS?

/ DatagramPacket

/ URL

/ InetAddress

/ ContentHandler / c

396/Which of these class is used to create servers that listen for either local or remote client programs?

/ httpServer

/ ServerSockets

/ MimeHeader

/ HttpResponse / b

397/Which of these is a standard for communicating multimedia content over email?

/ http

/ https

/ Mime

/ httpd / c

398/Which of these methods is used to make raw MIME formatted string?

/ parse() / toString()

/ getString() / parseString()

399/Which of these class is used for operating on request from the client to the server?

/ http / httpDecoder / httpConnection / httpd / d

400/Which of these method of MimeHeader is used to return the string equivalent of the values stores on MimeHeader?

/ string()

/ toString()

/ convertString()

/ getString() / b

401/Which of these is an instance variable of class httpd?

/ port

/ cache

/ log

/ All of the mentioned / d

402/Which of these methods of httpd class is used to read data from the stream?

/ getDta()

/ GetResponse()

/ getStream()

/ getRawRequest() / d

403/Which of these method of httpd class is used to get report on each hit to HTTP server?

/ log()

/ logEntry()

/ logHttpd()

/ logResponse() / b

404/Which of these methods are used to find a URL from the cache of httpd?

/ findfromCache()

/ findFromCache()

/ serveFromCache()

/ getFromCache() / c

405/Which of these method of httpd class is used to write UrlCacheEntry object into local disk?

/ writeDiskCache() / writetoDisk()

/ writeCache() / writeDiskEntry()

406/Which of these method is used to start a server thread?

/ run() / start()

/ runThread() / startThread() / a

407/Which of these method is called when http daemon is acting like a normal web server?

/ Handle()

/ HandleGet()

/ handleGet()

/ Handleget() / c

408/Which of these exceptions is thrown by URL class’s constructors?

/ URLNotFound

/ URLSourceNotFound

/ MalformedURLException

/ URLNotFoundException / c

409/Which of these methods is used to know host of an URL?

/ host()

/ getHost()

/ GetHost()

/ gethost() / b

410/Which of these methods is used to know the full URL of an URL object?

/ fullHost()

/ getHost()

/ ExternalForm()

/ toExternalForm() / d

411/Which of these class is used to access actual bits or content information of a URL?

/ URL

/ URLDecoder

/ URLConnection

/ All of the mentioned / d

412/Which of these is a wrapper around everything associated with a reply from an http server?

/ HTTP / HttpResponse

/ HttpRequest / httpserver

413/Which of these transfer protocol must be used so that URL can be accessed by URLConnection class object?

/ http

/ https

/ Any Protocol can be used

/ None of the mentioned / a

414/Which of these methods is used to know when was the URL last modified?

/ LastModified() / getLastModified()

/ GetLastModified() / getlastModified()() / b

415/Which of these methods is used to know the type of content used in the URL?

/ ContentType()

/ contentType()

/ getContentType()

/ GetContentType() / c

416/Which of these data member of HttpResponse class is used to store the response from an http server?

/ status

/ address

/ statusResponse

/ statusCode / d

417/Which of these is a bundle of information passed between machines?

/ Mime

/ Cache

/ Datagrams

/ DatagramSocket / c

418/Which of these class is necessary to implement datagrams?

/ DatagramPacket

/ DatagramSocket

/ All of the mentioned

/ None of the mentioned / c

419/Which of these method of DatagramPacket is used to find the port number?

/ port() / getPort() / findPort() / recievePort()

420/Which of these methods of DatagramPacket is used to find the length of byte array?

/ getnumber() / length() / Length() / getLength() / d

421/Which of these class must be used to send a datagram packets over a connection?

/ InetAdress

/ DatagramPacket

/ DatagramSocket

/ All of the mentioned / d

422/Which of these method of DatagramPacket class is used to find the destination address?

/ findAddress()

/ getAddress()

/ Address()

/ whois() / b

423/Which of these is a return type of getAddress() method of DatagramPacket class?

/ DatagramPacket

/ DatagramSocket

/ InetAddress

/ ServerSocket / c

424/Which API gets the SocketAddress (usually IP address + port number) of the remote host that this packet is being sent to or is coming from.

/ getSocketAddress()

/ getAddress()

/ address()

/ none of the mentioned / a

425/Which of these standard collection classes implements a dynamic array?

/ AbstractList

/ LinkedList

/ ArrayList

/ AbstractSet / c

426/Which of these class can generate an array which can increase and decrease in size automatically?

/ ArrayList() / DynamicList()

/ LinkedList() / MallocList()

427/Which of these method can be used to increase the capacity of ArrayList object manually?

/ Capacity() / increaseCapacity()

/ increasecapacity() / ensureCapacity() / d

428/Which of these method of ArrayList class is used to obtain present size of an object?

/ size() / length()

/ index() / capacity() / a

429/Which of these methods can be used to obtain a static array from an ArrayList object?

/ Array()

/ covertArray()

/ toArray()

/ covertoArray() / c

430/Which of these method is used to reduce the capacity of an ArrayList object?

/ trim()

/ trimSize()

/ trimTosize()

/ trimToSize() / d

431/Which of the below does not implement Map interface?

/ HashMap

/ Hashtable

/ EnumMap

/ Vector / d

432/What is the premise of equality for IdentityHashMap?

/ Reference equality

/ Name equality

/ Hashcode equality

/ Length equality / a

433/What happens if we put a key object in a HashMap which exists?

/ The new object replaces the older object

/ The new object is discarded

/ The old object is removed from the map

/ It throws an exception as the key already exists in the map

434/While finding the correct location for saving key value pair, how many times the key is hashed?

/ 1 / 2 / 3 / unlimited till bucket is found / b

435/If two threads access the same hashmap at the same time, what would happen?

/ ConcurrentModificationException / NullPointerException

/ ClassNotFoundException / RuntimeException / a

436/If large number of items are stored in hash bucket, what happens to the internal structure?

/ The bucket will switch from LinkedList to BalancedTree

/ The bucket will increase its size by a factor of load size defined

/ The LinkedList will be replaced by another hashmap

/ Any further addition throws Overflow exception / a

437/How can we remove an object from ArrayList?

/ remove() method

/ using Iterator

/ remove() method and using Iterator

/ delete() method / c

438/How to remove duplicates from List?

/ HashSet<String> listToSet = new HashSet<String>(duplicateList);

/ HashSet<String> listToSet = duplicateList.toSet();

/ HashSet<String> listToSet = Collections.convertToSet(duplicateList);

/ HashSet<String> listToSet = duplicateList.getSet(); / a

439/How to sort elements of ArrayList?

/ Collection.sort(listObj);

/ Collections.sort(listObj);

/ listObj.sort();

/ Sorter.sortAsc(listObj); / b

440/How is Arrays.asList() different than the standard way of initialising List?

/ Both are same

/ Arrays.asList() throws compilation error

/ Arrays.asList() returns a fixed length list and doesn’t allow to add or remove elements

/ We cannot access the list returned using Arrays.asList() / c

441/What is the difference between length() and size() of ArrayList?

/ length() and size() return the same value

/ length() is not defined in ArrayList

/ size() is not defined in ArrayList

/ length() returns the capacity of ArrayList and size() returns the actual number of elements stored in the list

/ d

442/Which class provides thread safe implementation of List?

/ ArrayList / CopyOnWriteArrayList

/ HashList / List / b

443/Which of the below is not an implementation of List interface?

/ RoleUnresolvedList

/ Stack

/ AttibuteList

/ SessionList / d

444/What is the worst case complexity of accessing an element in ArrayList?

/ O(n)

/ O(1)

/ O(nlogn)

/ O(2) / b

445/What is the default clone of HashSet?

/ Deep clone

/ Shallow clone

/ Plain clone

/ Hollow clone / b

446/What does Collections.emptySet() return?

/ Immutable Set

/ Mutable Set

/ The type of Set depends on the parameter passed to the emptySet() method

/ Null object / a

447/What are the initial capacity and load factor of HashSet? / 10, 1.0 / 32, 0.75 / 16, 0.75 / 32, 1.0

448/What is the relation between hashset and hashmap?

/ HashSet internally implements HashMap

/ HashMap internally implements HashSet

/ HashMap is the interface; HashSet is the concrete class

/ HashSet is the interface; HashMap is the concrete class / a

449/What is the difference between TreeSet and SortedSet?

/ TreeSet is more efficient than SortedSet

/ SortedSet is more efficient than TreeSet

/ TreeSet is an interface; SortedSet is a concrete class

/ SortedSet is an interface; TreeSet is a concrete class / d

450/What happens if two threads simultaneously modify TreeSet?

/ ConcurrentModificationException is thrown

/ Both threads can perform action successfully

/ FailFastException is thrown

/ IteratorModificationException is thrown / a

451/What is the unique feature of LinkedHashSet?

/ It is not a valid class

/ It maintains the insertion order and guarantees uniqueness

/ It provides a way to store key values with uniqueness

/ The elements in the collection are linked to each other / b

452/Which of these standard collection classes implements a linked list data structure?

/ AbstractList

/ LinkedList

/ HashSet

/ AbstractSet / b

453/Which of these classes implements Set interface?

/ ArrayList / HashSet

/ LinkedList / DynamicList / b

454/Which of these method is used to add an element to the start of a LinkedList object?

/ add() / first()

/ AddFirst() / addFirst()

455/Which of these method of HashSet class is used to add elements to its object?

/ add() / Add() / addFirst() / insert() / a

456/Which of these methods can be used to delete the last element in a LinkedList object?

/ remove()

/ delete()

/ removeLast()

/ deleteLast() / c

457/Which of this method is used to change an element in a LinkedList Object?

/ change()

/ set()

/ redo()

/ add() / b

458/Which of these object stores association between keys and values?

/ Hash table

/ Map

/ Array

/ String / b

459/Which of these classes provide implementation of map interface?

/ ArrayList

/ HashMap

/ LinkedList

/ DynamicList / b

460/Which of these method is used to remove all keys/values pair from the invoking map?

/ delete()

/ remove()

/ clear()

/ removeAll() / b

461/Which of these methods can be used to obtain set of all keys in a map?

/ getAll() / getKeys()

/ keyall() / keySet() / d

462/Which of these method is used add an element and corresponding key to a map?

/ put() / set() / redo() / add() / a

463/Which of these class object can be used to form a dynamic array?

/ ArrayList

/ Map

/ Vector

/ ArrayList & Vector / d

464/Which of these are legacy classes?

/ Stack

/ Hashtable

/ Vector

/ All of the mentioned / d

465/Which of these is the interface of legacy?

/ Map

/ Enumeration

/ HashMap

/ Hashtable / b

466/Which of these methods is used to add elements in vector at specific location?

/ add()

/ set()

/ AddElement()

/ addElement() / d

467/Which of these class object uses the key to store value?

/ Dictionary

/ Map

/ Hashtable

/ All of the mentioned / d

468/Which of these method is used to insert value and its key?

/ put() / set()

/ insertElement() / addElement()

469/Which of these is the interface of legacy is implemented by Hashtable and Dictionary classes?

/ Map / Enumeration / HashMap / Hashtable / a

470/Which of these is a class which uses String as a key to store the value in object?

/ Array

/ ArrayList

/ Dictionary

/ Properties / d

471/Which of these methods is used to retrieve the elements in properties object at specific location?

/ get()

/ Elementat()

/ ElementAt()

/ getProperty() / d

472/Which of these class object has an architecture similar to that of array?

/ Bitset

/ Map

/ Hashtable

/ All of the mentioned / a

473/Which of these method is used to make a bit zero specified by the index?

/ put()

/ set()

/ remove()

/ clear() / d

474/Which of these method is used to calculate number of bits required to hold the BitSet object?

/ size()

/ length()

/ indexes()

/ numberofBits() / b

475/Which of these methods is used to retrieve elements in BitSet object at specific location?

/ get() / Elementat()

/ ElementAt() / getProperty()

476/What is Remote method invocation (RMI)?

/ RMI allows us to invoke a method of java object that executes on another machine

/ RMI allows us to invoke a method of java object that executes on another Thread in multithreaded programming

/ RMI allows us to invoke a method of java object that executes parallely in same machine

/ None of the mentioned / a

477/Which of these package is used for remote method invocation?

/ java.applet / java.rmi

/ java.lang.rmi / java.lang.reflect / b

478/Which of these methods are member of Remote class?

/ checkIP()

/ addLocation()

/ AddServer()

/ None of the mentioned / d

479/Which of these class is used for creating a client for a server-client operations?

/ serverClientjava

/ Client.java

/ AddClient.java

/ ServerClient.java / c

480/Which of these package is used for all the text related modifications?

/ java.text

/ java.awt

/ java.lang.text

/ java.text.modify / a

481/Which of these packages contain all the collection classes?

/ java.lang

/ java.util

/ java.net

/ java.awt / b

482/Which of these classes is not part of Java’s collection framework?

/ Maps / Array / Stack / Queue / a

483/Which of this interface is not a part of Java’s collection framework?

/ List / Set / SortedMap / SortedList / d

484/What is Collection in Java?

/ A group of objects

/ A group of classes

/ A group of interfaces

/ None of the mentioned / a

485/Which of these return type of hasNext() method of an iterator?

/ Integer

/ Double

/ Boolean

/ Collections Object / c

486/Which of these methods is used to obtain an iterator to the start of collection?

/ start()

/ begin()

/ iteratorSet()

/ iterator() / d

487/Which of these methods can be used to move to next element in a collection?

/ next()

/ move()

/ shuffle()

/ hasNext() / a

488/Which of these iterators can be used only with List?

/ Setiterator

/ ListIterator

/ Literator

/ None of the mentioned / b

489/Which of these is a method of ListIterator used to obtain index of previous element?

/ previous() / previousIndex()

/ back() / goBack() / b

490/Which of these exceptions is thrown by remover() method?

/ IOException / SystemException

/ ObjectNotFoundExeception / IllegalStateException / d

491/Which of the below is not a subinterface of Queue?

/ BlockingQueue

/ BlockingEnque

/ TransferQueue

/ BlockingQueue / b

492/What is the remaining capacity of BlockingQueue whose intrinsic capacity is not defined?

/ Integer.MAX\_VALUE

/ BigDecimal.MAX\_VALUE

/ 99999999

/ Integer.INFINITY / a

493/What is difference between dequeue() and peek() function of java?

/ dequeue() and peek() remove and return the next time in line

/ dequeue() and peek() return the next item in line

/ dequeue() removes and returns the next item in line while peek() returns the next item in line

/ peek() removes and returns the next item in line while dequeue() returns the next item in line / c

494/What is the difference between Queue and Stack?

/ Stack is LIFO; Queue is FIFO

/ Queue is LIFO; Stack is FIFO

/ Stack and Queue is FIFO

/ Stack and Queue is LIFO / a

495/What are the use of front and rear pointers in CircularQueue implementation?

/ Front pointer points to first element; rear pointer points to the last element

/ Rear pointer points to first element; front pointer points to the last element

/ Front and read pointers point to the first element

/ Front pointer points to the first element; rear pointer points to null object / c

496/What is the correct method used to insert and delete items from the queue?

/ push and pop / enqueue and dequeue

/ enqueue and peek / add and remove / b

497/Which data structure is used in Breadth First Traversal of a graph?

/ Stack

/ Queue

/ Array

/ Tree / b

498/Where does a new element be inserted in linked list implementation of a queue?

/ Head of list

/ Tail of list

/ At the centre of list

/ All the old entries are pushed and then the new element is inserted / b

499/If the size of the array used to implement a circular queue is MAX\_SIZE/How rear moves to traverse inorder to insert an element in the queue?

/ rear=(rear%1)+MAX\_SIZE

/ rear=(rear+1)%MAX\_SIZE

/ rear=rear+(1%MAX\_SIZE)

/ rear=rear%(MAX\_SIZE+1) / b

500/Which of these standard collection classes implements all the standard functions on list data structure?

/ Array

/ LinkedList

/ HashSet

/ AbstractSet / a

501/Which of this method is used to make all elements of an equal to specified value?

/ add()

/ fill()

/ all()

/ set() / b

502/Which of these method of Array class is used sort an array or its subset?

/ binarysort()

/ bubblesort()

/ sort()

/ insert()

503/Which of these methods can be used to search an element in a list?

/ find() / sort() / get() / binaryserach() / d

504/Which of these interface declares core method that all collections will have?

/ set / EventListner

/ Comparator / Collection / d

505/Which of these interface handle sequences?

/ Set

/ List

/ Comparator

/ Collection / b

506/Which of this interface must contain a unique element?

/ Set

/ List

/ Array

/ Collection / a

507/Which of these is a Basic interface that all other interface inherits?

/ Set

/ Array

/ List

/ Collection / d

508/Which of these is static variable defined in Collections?

/ EMPTY\_SET

/ EMPTY\_LIST

/ EMPTY\_MAP

/ All of the mentioned / d

509/Which of these is an incorrect form of using method max() to obtain a maximum element?

/ max(Collection /

/ max(Collection c, Comparator comp)

/ max(Comparator comp)

/ max(List /

510/Which of these methods sets every element of a List to a specified object?

/ set() / fill() / Complete() / add() / b

511/Which of these methods can randomize all elements in a list?

/ rand()

/ randomize()

/ shuffle()

/ ambiguous() / c

512/Which of these is true about unmodifiableCollection() method?

/ unmodifiableCollection() returns a collection that cannot be modified

/ unmodifiableCollection() method is available only for List and Set

/ unmodifiableCollection() is defined in Collection class

/ none of the mentioned / b

513/When does Exceptions in Java arises in code sequence?

/ Run Time

/ Compilation Time

/ Can Occur Any Time

/ None of the mentioned / a

514/Which of these keywords is not a part of exception handling?

/ try

/ finally

/ thrown

/ catch / c

515/Which of these keywords must be used to monitor for exceptions?

/ try

/ finally

/ throw

/ catch / a

516/Which of these keywords must be used to handle the exception thrown by try block in some rational manner?

/ try / finally

/ throw / catch / d

517/Which of these keywords is used to manually throw an exception?

/ try

/ finally

/ throw

/ catch / c

518/Which of the following keywords is used for throwing exception manually?

/ finally

/ try

/ throw

/ catch / c

519/Which of the following classes can catch all exceptions which cannot be caught?

/ RuntimeException

/ Error

/ Exception

/ ParentException / b

520/Which of the following is a super class of all exception type classes?

/ Catchable

/ RuntimeExceptions

/ String

/ Throwable / d

521/Which of the following operators is used to generate instance of an exception which can be thrown using throw?

/ thrown

/ alloc

/ malloc

/ new / d

522/Which of the following keyword is used by calling function to handle exception thrown by called function?

/ throws

/ throw

/ try

/ catch / a

523/Which of the following handles the exception when a catch is not used?

/ finally / throw handler

/ default handler / java run time system / c

524/Which part of code gets executed whether exception is caught or not?

/ finally

/ try

/ catch

/ throw / a

525/Which of the following should be true of the object thrown by a thrown statement?

/ Should be assignable to String type

/ Should be assignable to Exception type

/ Should be assignable to Throwable type

/ Should be assignable to Error type / c

526/Which of these is a super class of all exceptional type classes?

/ String

/ RuntimeExceptions

/ Throwable

/ Cacheable / c

527/Which of these class is related to all the exceptions that can be caught by using catch?

/ Error

/ Exception

/ RuntimeExecption

/ All of the mentioned / b

528/Which of these class is related to all the exceptions that cannot be caught?

/ Error

/ Exception

/ RuntimeExecption

/ All of the mentioned / a

529/Which of these handles the exception when no catch is used?

/ Default handler / finally

/ throw handler / Java run time system

230/What exception thrown by parseInt() method?

/ ArithmeticException / ClassNotFoundException

/ NullPointerException / NumberFormatException / d

531/Which of these keywords is used to generate an exception explicitly?

/ try

/ finally

/ throw

/ catch / c

532/Which of these class is related to all the exceptions that are explicitly thrown?

/ Error

/ Exception

/ Throwable

/ Throw / c

533/Which of these operator is used to generate an instance of an exception than can be thrown by using throw?

/ new

/ malloc

/ alloc

/ thrown / a

534/Which of these clause will be executed even if no exceptions are found?

/ throws

/ finally

/ throw

/ catch / b

535/A single try block must be followed by which of these?

/ finally

/ catch

/ finally & catch

/ none of the mentioned / c

536/Which of these exceptions handles the divide by zero error?

/ ArithmeticException / MathException / IllegalAccessException / IllegarException

537/What is the use of try & catch?

/ It allows us to manually handle the exception

/ It allows to fix errors

/ It prevents automatic terminating of the program in cases when an exception occurs

/ All of the mentioned / d

538/Which of these keywords are used for the block to be examined for exceptions?

/ try / catch / throw / check / a

539/Which of these keywords are used for the block to handle the exceptions generated by try block?

/ try

/ catch

/ throw

/ check / b

540/Which of these keywords are used for generating an exception manually?

/ try

/ catch

/ throw

/ check / c

541/Which of these statements is incorrect?

/ try block need not to be followed by catch block

/ try block can be followed by finally block instead of catch block

/ try can be followed by both catch and finally block

/ try need not to be followed by anything / d

542/Which of these classes is used to define exceptions?

/ Exception

/ Throwable

/ Abstract

/ System / a

543/Which of these methods return description of an exception?

/ getException() / getMessage()

/ obtainDescription() / obtainException() / b

544/Which of these methods is used to print stack trace?

/ obtainStackTrace() / printStackTrace()

/ getStackTrace() / displayStackTrace() / b

545/Which of these methods return localized description of an exception?

/ getLocalizedMessage()

/ getMessage()

/ obtainLocalizedMessage()

/ printLocalizedMessage() / a

546/Which of these classes is super class of Exception class?

/ Throwable

/ System

/ RunTime

/ Class / a

547/Which of this method can be used to make the main thread to be executed last among all the threads?

/ stop()

/ sleep()

/ join()

/ call() / b

548/Which of this method is used to find out that a thread is still running or not?

/ run()

/ Alive()

/ isAlive()

/ checkRun() / c

549/What is the default value of priority variable MIN\_PRIORITY AND MAX\_PRIORITY? / 0 & 256

/ 0 & 1

/ 1 & 10

/ 1 & 256

/ c

550/Which of these method waits for the thread to terminate?

/ sleep() / isAlive() / join() / stop() / c

551/Which of these method is used to explicitly set the priority of a thread?

/ set() / make() / setPriority() / makePriority() / c

552/What is synchronization in reference to a thread?

/ It’s a process of handling situations when two or more threads need access to a shared resource

/ It’s a process by which many thread are able to access same shared resource simultaneously

/ It’s a process by which a method is able to access many different threads simultaneously

/ It’s a method that allow too many threads to access any information require / a

553/Which of these method is used to implement Runnable interface?

/ stop()

/ run()

/ runThread()

/ stopThread() / b

554/Which of these method is used to begin the execution of a thread?

/ run()

/ start()

/ runThread()

/ startThread() / b

555/Which of these statement is incorrect?

/ A thread can be formed by implementing Runnable interface only

/ A thread can be formed by a class that extends Thread class

/ start() method is used to begin execution of the thread

/ run() method is used to begin execution of a thread before start() method in special cases / d

556/Which of these method of Thread class is used to find out the priority given to a thread?

/ get()

/ ThreadPriority()

/ getPriority()

/ getThreadPriority() / c

557/Which of these method of Thread class is used to Suspend a thread for a period of time?

/ sleep() / terminate()

/ suspend() / stop() / a

558/Which function of pre defined class Thread is used to check weather current thread being checked is still running?

/ isAlive() / Join() / isRunning() / Alive() / a

559/What is multithreaded programming?

/ It’s a process in which two different processes run simultaneously

/ It’s a process in which two or more parts of same process run simultaneously

/ It’s a process in which many different process are able to access same information

/ It’s a process in which a single process can access information from many sources / b

560/Which of these are types of multitasking?

/ Process based

/ Thread based

/ Process and Thread based

/ None of the mentioned / c

561/Thread priority in Java is?

/ Integer

/ Float

/ double

/ long / a

562/What will happen if two thread of the same priority are called to be processed simultaneously?

/ Anyone will be executed first lexographically

/ Both of them will be executed simultaneously

/ None of them will be executed

/ It is dependent on the operating system / b

563/Which of these statements is incorrect?

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

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

/ Two thread in Java can have the same priority

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

564/What requires less resources?

/ Thread / Process

/ Thread and Process / Neither Thread nor Process / a

565/What does not prevent JVM from terminating?

/ Process / Daemon Thread

/ User Thread / JVM Thread / b

566/What decides thread priority?

/ Process

/ Process scheduler

/ Thread

/ Thread scheduler / d

567/What should not be done to avoid deadlock?

/ Avoid using multiple threads

/ Avoid hold several locks at once

/ Execute foreign code while holding a lock

/ Use interruptible locks / c

568/What is true about threading?

/ run() method calls start() method and runs the code

/ run() method creates new thread

/ run() method can be called directly without start() method being called

/ start() method creates new thread and calls code written in run() method / d

569/Which of the following is a correct constructor for thread?

/ Thread(Runnable a, String str)

/ Thread(int priority)

/ Thread(Runnable a, int priority)

/ Thread(Runnable a, ThreadGroup t) / a

570/Which of the following stops execution of a thread?

/ Calling SetPriority() method on a Thread object

/ Calling notify() method on an object

/ Calling wait() method on an object

/ Calling read() method on an InputStream object / b

571/Which of the following will ensure the thread will be in running state?

/ yield() / notify()

/ wait() / Thread.killThread()

572/Which of these keywords are used to implement synchronization?

/ synchronize / syn / synch / synchronized / d

573/Which of this method is used to avoid polling in Java?

/ wait() / notify()

/ notifyAll() / all of the mentioned / d

574/Which of these method is used to tell the calling thread to give up a monitor and go to sleep until some other thread enters the same monitor?

/ wait()

/ notify()

/ notifyAll()

/ sleep() / a

575/Which of these method wakes up the first thread that called wait()?

/ wake()

/ notify()

/ start()

/ notifyAll() / b

576/Which of these method wakes up all the threads?

/ wakeAll()

/ notify()

/ start()

/ notifyAll() / d

577/What is synchronization in reference to a thread?

/ It’s a process of handling situations when two or more threads need access to a shared resource

/ It’s a process by which many thread are able to access same shared resource simultaneously

/ It’s a process by which a method is able to access many different threads simultaneously

/ It’s a method that allow too many threads to access any information the require / a

578/What does AWT stands for?

/ All Window Tools

/ All Writing Tools

/ Abstract Window Toolkit

/ Abstract Writing Toolkit

579/Which of these is used to perform all input & output operations in Java?

/ streams / Variables / classes / Methods / a

580/Which of these is a type of stream in Java?

/ Integer stream

/ Short stream

/ Byte stream

/ Long stream / c

581/Which of these classes are used by character streams for input and output operations?

/ InputStream

/ Writer

/ ReadStream

/ InputOutputStream / b

582/Which of these class is used to read from byte array?

/ InputStream

/ BufferedInputStream

/ ArrayInputStream

/ ByteArrayInputStream / d

583/Which exception is thrown by read() method?

/ IOException

/ InterruptedException

/ SystemException

/ SystemInputException / a

584/Which of these is used to read a string from the input stream?

/ get()

/ getLine()

/ read()

/ readLine() / c

585/Which of these class is used to read characters and strings in Java from console?

/ BufferedReader / StringReader

/ BufferedStreamReader / InputStreamReader / a

586/Which of these class contains the methods print() & println()?

/ System / System.out / BUfferedOutputStream / PrintStream / d

587/Which of these methods can be used to writing console output?

/ print()

/ println()

/ write()

/ all of the mentioned / d

588/Which of these classes are used by character streams output operations?

/ InputStream

/ Writer

/ ReadStream

/ InputOutputStream / b

589/Which of these class is used to read from a file?

/ InputStream

/ BufferedInputStream

/ FileInputStream

/ BufferedFileInputStream / c

590/Which of these class contains the methods used to write in a file?

/ FileStream

/ FileInputStream

/ BUfferedOutputStream

/ FileBufferStream / b

591/Which of these exception is thrown in cases when the file specified for writing is not found?

/ IOException

/ FileException

/ FileNotFoundException

/ FileInputException / c

592/Which of these methods are used to read in from file?

/ get() / read()

/ scan() / readFileInput() / b

593/Which of these values is returned by read() method is end of file (EOF) is encountered?

/ 0 / 1 / -1 / Null / c

594/Which of these exception is thrown by close() and read() methods?

/ IOException

/ FileException

/ FileNotFoundException

/ FileInputOutputException / a

595/Which of these methods is used to write() into a file?

/ put()

/ putFile()

/ write()

/ writeFile() / c

596/Which of these functions is called to display the output of an applet?

/ display()

/ paint()

/ displayApplet()

/ PrintApplet() / b

597/Which of these methods can be used to output a string in an applet?

/ display()

/ print()

/ drawString()

/ transient() / c

598/Which of these methods is a part of Abstract Window Toolkit (AWT) ?

/ display()

/ paint()

/ drawString()

/ transient() / b

599/Which of these operators can be used to get run time information about an object?

/ getInfo / Info

/ instanceof / getinfoof

600/Which of these package is used for text formatting in Java programming language?

/ java.text / java.awt / java.awt.text / java.io / a

601/Which of this class can be used to format dates and times?

/ Date

/ SimpleDate

/ DateFormat

/ textFormat / c

602/Which of these method returns an instance of DateFormat that can format time information?

/ getTime()

/ getTimeInstance()

/ getTimeDateinstance()

/ getDateFormatinstance() / b

603/Which of these class allows us to define our own formatting pattern for dates and time?

/ DefinedDateFormat

/ SimpleDateFormat

/ ComplexDateFormat

/ UsersDateFormat / b

604/Which of these formatting strings of SimpleDateFormat class is used to print AM or PM in time?

/ a

/ b

/ c

/ d / a

605/Which of these formatting strings of SimpleDateFormat class is used to print week of the year?

/ w

/ W

/ s

/ S / a

606/Which of the following is not a class of java.util.regex?

/ Pattern class / matcher class

/ PatternSyntaxException / Regex class

607/What is the significance of Matcher class for regular expression in java?

/ interpretes pattern in the string

/ Performs match in the string

/ interpreted both pattern and performs match operations in the string

/ None of the mentioned// c

608/Object of which class is used to compile regular expression?

/ Pattern class

/ Matcher class

/ PatternSyntaxException

/ None of the mentioned / a

609/Which of the following matches nonword character using regular expression in java?

/ \w / \W / \s / \S / b

610/Which of the following matches end of the string using regular expression in java?

/ \z / \\ / \\* / \Z / a

611/What does public int end(int group) return?

/ offset from last character of the subsequent group

/ offset from first character of the subsequent group

/ offset from last character matched

/ offset from first character matched / a

612/What does public String replaceAll(string replace) do?

/ Replace all characters that matches pattern with a replacement string

/ Replace first subsequence that matches pattern with a replacement string

/ Replace all other than first subsequence of that matches pattern with a replacement string

/ Replace every subsequence of the input sequence that matches pattern with a replacement string / d

613/What does public int start() return?

/ returns start index of the input string

/ returns start index of the current match

/ returns start index of the previous match

/ none of the mentioned / c

614/Which of these packages contains all the classes and methods required for even handling in Java?

/ java.applet / java.awt

/ java.event / java.awt.event / d

615/What is an event in delegation event model used by Java programming language?

/ An event is an object that describes a state change in a source

/ An event is an object that describes a state change in processing

/ An event is an object that describes any change by the user and system

/ An event is a class used for defining object, to create events / a

616/Which of these methods are used to register a keyboard event listener?

/ KeyListener()

/ addKistener()

/ addKeyListener()

/ eventKeyboardListener() / c

617/What is a listener in context to event handling?

/ A listener is a variable that is notified when an event occurs

/ A listener is a object that is notified when an event occurs

/ A listener is a method that is notified when an event occurs

/ None of the mentioned / b

618/Event class is defined in which of these libraries?

/ java.io

/ java.lang

/ java.net

/ java.util / d

619/Which of these methods can be used to determine the type of event?

/ getID()

/ getSource()

/ getEvent()

/ getEventObject() / a

620/Which of these class is super class of all the events?

/ EventObject / EventClass

/ ActionEvent / ItemEvent / a

621/Which of these events will be notified if scroll bar is manipulated?

/ ActionEvent / ComponentEvent

/ AdjustmentEvent / WindowEvent / c

622/Which of these events will be generated if we close an applet’s window?

/ ActionEvent

/ ComponentEvent

/ AdjustmentEvent

/ WindowEvent / d

623/Which of these events is generated when a button is pressed?

/ ActionEvent

/ KeyEvent

/ WindowEvent

/ AdjustmentEvent / a

624/Which of these methods can be used to obtain the command name for invoking ActionEvent object?

/ getCommand()

/ getActionCommand()

/ getActionEvent()

/ getActionEventCommand() / b

625/Which of these are integer constants defined in ActionEvent class?

/ ALT\_MASK

/ CTRL\_MASK

/ SHIFT\_MASK

/ All of the mentioned / d

626/Which of these events is generated by scroll bar?

/ ActionEvent

/ KeyEvent

/ WindowEvent

/ AdjustmentEvent / d

627/Which of these methods can be used to determine the type of adjustment event?

/ getType() / getEventType()

/ getAdjustmentType() / getEventObjectType() / c

628/Which of these methods can be used to know the degree of adjustment made by the user?

/ getValue()

/ getAdjustmentType()

/ getAdjustmentValue()

/ getAdjustmentAmount() / a

629/Which of these constant value will change when the button at the end of scroll bar was clicked to increase its value?

/ BLOCK\_DECREMENT

/ BLOCK\_INCREMENT

/ UNIT\_DECREMENT

/ UNIT\_INCREMENT / d

630/Which of these events is generated when the size of an event is changed?

/ ComponentEvent

/ ContainerEvent

/ FocusEvent

/ InputEvent / a

631/Which of these events is generated when the component is added or removed?

/ ComponentEvent

/ ContainerEvent

/ FocusEvent

/ InputEvent / b

632/Which of these methods can be used to obtain the reference to the container that generated a ContainerEvent?

/ getContainer()

/ getContainerCommand()

/ getActionEvent()

/ getContainerEvent() / d

633/Which of these are integer constants of ComponentEvent class?

/ COMPONENT\_HIDDEN

/ COMPONENT\_MOVED

/ COMPONENT\_RESIZE

/ All of the mentioned / d

634/Which of these events is generated when computer gains or loses input focus?

/ ComponentEvent / ContainerEvent

/ FocusEvent / InputEvent / c

635/FocusEvent is subclass of which of these classes?

/ ComponentEvent

/ ContainerEvent

/ ItemEvent

/ InputEvent / a

636/Which of these methods can be used to know the type of focus change?

/ typeFocus()

/ typeEventFocus()

/ isTemporary()

/ isPermanent() / c

637/Which of these is superclass of ContainerEvent class?

/ WindowEvent

/ ComponentEvent

/ ItemEvent

/ InputEvent / b

638/Which of these events is generated when the window is closed?

/ TextEvent

/ MouseEvent

/ FocusEvent

/ WindowEvent / d

639/Which of these methods can be used to obtain the coordinates of a mouse?

/ getPoint()

/ getCoordinates()

/ getMouseXY()

/ getMouseCordinates() / a

640/Which of these methods can be used to change location of an event?

/ ChangePoint() / TranslatePoint()

/ ChangeCordinates() / TranslateCordinates()

641/Which of these methods is used to obtain the object that generated a WindowEvent?

/ getMethod()

/ getWindow()

/ getWindowEvent()

/ getWindowObject() / b

642/MouseEvent is subclass of which of these classes?

/ ComponentEvent

/ ContainerEvent

/ ItemEvent

/ InputEvent / d

643/Which of these methods is used to get x coordinate of the mouse?

/ getX()

/ getXCoordinate()

/ getCoordinateX()

/ getPointX() / a

644/Which of these are constants defined in WindowEvent class?

/ WINDOW\_ACTIVATED

/ WINDOW\_CLOSED

/ WINDOW\_DEICONIFIED

/ All of the mentioned / d

645/Which of these is superclass of WindowEvent class?

/ WindowEvent

/ ComponentEvent

/ ItemEvent

/ InputEvent / b

646/Which of these packages contains all the event handling interfaces?

/ java.lang

/ java.awt

/ java.awt.event

/ java.event / c

647/Which of these interfaces handles the event when a component is added to a container?

/ ComponentListener

/ ContainerListener

/ FocusListener

/ InputListener

648/Which of these interfaces define a method actionPerformed()?

/ ComponentListener

/ ContainerListener

/ ActionListener

/ InputListener / c

649/Which of these interfaces define four methods?

/ ComponentListener

/ ContainerListener

/ ActionListener

/ InputListener / a

650/Which of these interfaces define a method itemStateChanged()?

/ ComponentListener

/ ContainerListener

/ ActionListener

/ ItemListener / d

651/Which of these methods will respond when you click any button by mouse?

/ mouseClicked()

/ mouseEntered()

/ mousePressed()

/ all of the mentioned / d

652/Which of these methods will be invoked if a character is entered?

/ keyPressed()

/ keyReleased()

/ keyTyped()

/ keyEntered() / c

653/Which of these methods is defined in MouseMotionAdapter class?

/ mouseDragged()

/ mousePressed()

/ mouseReleased()

/ mouseClicked() / a

654/Which of these is a superclass of all Adapter classes?

/ Applet

/ ComponentEvent

/ Event

/ InputEvent / a

655/Which class is used to generate random number?

/ java.lang.Object / java.util.randomNumber

/ java.util.Random / java.util.Object / c

656/Which method is used to generate boolean random values in java?

/ nextBoolean()

/ randomBoolean()

/ previousBoolean()

/ generateBoolean() / a

657/What is the return type of Math.random() method?

/ Integer

/ Double

/ String

/ Boolean / b

658/What is the range of numbers returned by Math.random() method? / -1.0 to 1.0

/ -1 to 1

/ 0 to 100

/ 0.0 to 1.0 / d

659/How many bits are used for generating random numbers?

/ 32

/ 64

/ 48

/ 8 / c

660/What will be the output of the following Java code snippet? int a = random.nextInt(15) + 1;

/ Random number between 1 to 15, including 1 and 15

/ Random number between 1 to 15, excluding 15

/ Random number between 1 to 15, excluding 1

/ Random number between 1 to 15, excluding 1 and 15 / a

661/What will be the output of the following Java code snippet? int a = random.nextInt(7) + 4;

/ Random number between 4 to 7, including 4 and 7

/ Random number between 4 to 7, excluding 4 and 7

/ Random number between 4 to 10, excluding 4 and 10

/ Random number between 4 to 10, including 4 and 10 / d

662/What is the signature of Math.random() method?

/ public static double random()

/ public void double random()

/ public static int random()

/ public void int random() / a

663/Which of these class produce objects with respect to geographical locations?

/ TimeZone

/ Locale

/ Date

/ SimpleTimeZone / b

664/Which of these methods is not a Locale class?

/ UK

/ US

/ INDIA

/ KOREA / c

665/Which of these class can generate pseudorandom numbers?

/ Locale

/ Rand

/ Random

/ None of the mentioned / c

666/Which of these is a method can generate a boolean output?

/ retbool()

/ getBool()

/ nextBool()

/ nextBoolean() / d

667/What is the use of Observable class?

/ It is used to create global subclasses

/ It is used to create classes that other part of the program can observe

/ It is used to create classes that can be accessed by other parts of program

/ It is used to create methods that can be accessed by other parts of program / b

668/Which of these methods is used to notify observer the change in observed object?

/ update()

/ notify()

/ check()

/ observed() / a

669/Which of these methods calls update() method?

/ notify()

/ observeObject()

/ updateObserver()

/ notifyObserver() / d

670/Which of these methods is called when observed object has changed?

/ setChanged()

/ update()

/ notifyObserver()

/ all of the mentioned / d

671/Which of these classes can schedule task for execution in future?

/ Thread

/ Timer

/ System

/ Observer / b

672/Which of these interfaces is implemented by TimerTask class?

/ Runnable

/ Thread

/ Observer

/ ThreadCount / a

673/Which of these package provides the ability to read and write in Zip format?

/ java.lang

/ java.io

/ java.util.zip

/ java.util.zar / c

674/Which of these keywords is used to define packages in Java?

/ pkg

/ Pkg

/ package

/ Package / c

675/Which of these is a mechanism for naming and visibility control of a class and its content?

/ Object

/ Packages

/ Interfaces

/ None of the Mentioned// b

676/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?

/ Public

/ Protected

/ No Modifier

/ All of the mentioned / d

677/Which of these access specifiers can be used for a class so that its members can be accessed by a different class in the different package?

/ Public

/ Protected

/ Private

/ No Modifier / a

678/Which of the following is the correct way of importing an entire package „pkg??

/ import pkg.

/ Import pkg.

/ import pkg.\*

/ Import pkg.\* / c

679/Which of the following is an incorrect statement about packages?

/ Package defines a namespace in which classes are stored

/ A package can contain other package within it

/ Java uses file system directories to store packages

/ A package can be renamed without renaming the directory in which the classes are stored / d

680/Which of the following package stores all the standard java classes?

/ lang

/ java

/ util

/ java.packages / b

681/Which of these keywords is used to define interfaces in Java?

/ interface

/ Interface

/ intf

/ Intf / a

682/Which of these can be used to fully abstract a class from its implementation?

/ Objects / Packages

/ Interfaces / None of the Mentioned / c

683/Which of these access specifiers can be used for an interface?

/ Public

/ Protected

/ private

/ All of the mentioned / a

684/Which of these keywords is used by a class to use an interface defined previously?

/ import

/ Import

/ implements

/ Implements / c

685/Which of the following is the correct way of implementing an interface salary by class manager?

/ class manager extends salary {}

/ class manager implements salary {}

/ class manager imports salary {}

/ none of the mentioned / b

686/Which of the following is an incorrect statement about packages?

/ Interfaces specifies what class must do but not how it does

/ Interfaces are specified public if they are to be accessed by any code in the program

/ All variables in interface are implicitly final and static

/ All variables are static and methods are public if interface is defined pubic / d

687/Which of the following access specifiers can be used for an interface?

/ Protected

/ Private

/ Public

/ Public, protected, private / a

688/Which of the following is the correct way of implementing an interface A by class B?

/ class B extends A{}

/ class B implements A{}

/ class B imports A{}

/ None of the mentioned / b

689/What does an interface contain?

/ Method definition

/ Method declaration

/ Method declaration and definition

/ Method name / b

690/What type of methods an interface contain by default?

/ abstract

/ static

/ final

/ private / a

691/What will happen if we provide concrete implementation of method in interface?

/ The concrete class implementing that method need not provide implementation of that method

/ Runtime exception is thrown

/ Compilation failure

/ Method not found exception is thrown / c

692/What happens when a constructor is defined for an interface?

/ Compilation failure

/ Runtime Exception

/ The interface compiles successfully

/ The implementing class will throw exception / a

693/What happens when we access the same variable defined in two interfaces implemented by the same class?

/ Compilation failure

/ Runtime Exception

/ The JVM is not able to identify the correct variable

/ The interfaceName.variableName needs to be defined / d

694/Which of these package is used for graphical user interface?

/ java.applet

/ java.awt

/ java.awt.image

/ java.io / b

695/Which of this package is used for analyzing code during run-time?

/ java.applet

/ java.awt

/ java.io

/ java.lang.reflect / d

696/Which of this package is used for handling security related issues in a program?

/ java.security

/ java.lang.security

/ java.awt.image

/ java.io.security / a

697/Which of these class allows us to get real time data about private and protected member of a class?

/ java.io / GetInformation / ReflectPermission / MembersPermission / c

698/Which of this package is used for invoking a method remotely?

/ java.rmi / java.awt

/ java.util / java.applet / a

699/Why are generics used?

/ Generics make code more fast

/ Generics make code more optimised and readable

/ Generics add stability to your code by making more of your bugs detectable at compile time

/ Generics add stability to your code by making more of your bugs detectable at runtime / c

700/Which of these type parameters is used for a generic class to return and accept any type of object?

/ K

/ N

/ T

/ V / c

701/Which of these type parameters is used for a generic class to return and accept a number?

/ K

/ N

/ T

/ V / b

702/Which of the following is an incorrect statement regarding the use of generics and parameterized types in Java?

/ Generics provide type safety by shifting more type checking responsibilities to the compiler

/ Generics and parameterized types eliminate the need for down casts when using Java Collections

/ When designing your own collections class (say, a linked list), generics and parameterized types allow you to achieve type safety with just a single class definition as opposed to defining multiple classes

/ All of the mentioned / c

703/Which of the following reference types cannot be generic?

/ Anonymous inner class

/ Interface

/ Inner class

/ All of the mentioned / a

1/Identify the output of the following program/Public class Test{

Public static void main(String argos[]){ String str1 = “one”;

String str2 = “two”; System.out.println(str1.concat(str2));

}

}

/ one

/ two

/ onetwo

/ twoone

2/What does the following string do to given string str1/String str1 = “heetson”.replace(„e?,?s?);

/ Replaces single occurrence of „e? to „s?

/ Replaces all occurrences of „e? to „s?

/ Replaces single occurrence of „s? to „e?

/ None

3/Find the output of the following code/if(1 + 1 + 1 + 1 + 1 == 5){ System.out.print(“TRUE”);

}

else{ System.out.print(“FALSE”);

}

/ TRUE

/ FALSE

/ Compile error

/ None

4/Which component is used to compile, debug and execute the java programs?

/ JRE

/ JIT

/ JDK

/ JVM

5/Who invented Java Programming?

/ Guido van Rossum

/ James Gosling

/ Dennis Ritchie

/ Bjarne Stroustrup

6/Which statement is true about Java?

/ Java is a sequence-dependent programming language

/ Java is a code dependent programming language

/ Java is a platform-dependent programming language

/ Java is a platform-independent programming language

7/Which of these cannot be used for a variable name in Java?

/ identifier & keyword

/ identifier

/ keyword

/ none of the mentioned

8/What is the extension of java code files?

/ .js

/ .txt

/ .class

/ .java

9/Which of these are selection statements in Java?

/ break

/ continue

/ for()

/ if()

10/Which one of the following is not an access modifier?

/ Protected

/ Void

/ Public

/ Private

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