6

This type of method cannot access any nonstatic member variables in its own class.

instance

void

static

nonstatic

6

Two or more methods in a class may have the same name, as long as this is different.

their return values

their access specifier

their signatures

their memory address

6

The process of matching a method call with the correct method is known as

matching

binding

linking

connecting

6

When an object is passed as an argument to a method, this is actually passed.

a copy of the object

the name of the object

a reference to the object

None of these. You cannot pass an object.

6

If you write this method for a class, Java will automatically call it any time you

concatenate an object of the class with a string.

toString

plusString

stringConvert

concatString

6

Making an instance of one class a field in another class is called

nesting

class fielding

aggregation

concatenation

6

This is the name of a reference variable that is always available to an instance method

and refers to the object that is calling the method.

callingObject

this

me

instance

6

This enum method returns the position of an enum constant in the declaration.

position

location

ordinal

toString

6

Assuming the following declaration exists:

enum seasons ( SPRING, WINTER, SUMMER, FALL

What is the fully qualified name of the FALL constant?

FALL

enum. FALL

FALL. Seasons

Seasons. FALL

6

You cannot use the fully qualified name of an enum constant for this.

a switch expression

a case expression

an argument to a method

all of these

6

A class that is defined inside of another class is called a(n)

inner class

folded class

hidden class

unknown class

6

The VM periodically performs this process, which automatically removes unrefer-

enced objects from memory.

memory cleansing

memory deallocation

garbage collection

object expungement

6

If a class has this method, it is called automatically just before an instance of the class

is destroyed by the JVM

finalize

destroy

remove

housekeeper

6

CRC stands for

Class, Return value, Composition

Class, Responsibilities, Collaborations

Class, Responsibilities, Composition

Compare, Return, Continue

5

What will the printin statement in the following program segment display?

int X = 5;

System.out.println(x++);

5

6

O

None of these

5

What will the printin statement in the following program segment display?

int X = 5;

System.out.println(++x);

5

6

O

None of these

5

In the expression number++, the ++ operator is in what mode?

prefix

pretest

postfix

posttest

5

What is each repetition of a loop known as?

cycle

revolution

orbit

iteration

5

This is a variable that controls the number of iterations performed by a loop.

loop control variable

accumulator

iteration register variable

repetition meter

5

The while loop is this type of loop.

pretest

posttest

prefix

posttix

5

The do-while loop is this type of loop.

pretest

posttest

prefix

postfix

5

The for loop is this type of loop.

pretest

posttest

prefix

postfix

5

This type of loop has no way of ending and repeats until the program is interrupted.

indeterminate

interminable

infinite

timeless

5

This type of loop always executes at least one time.

while

do-while

for

Any of these

5

This expression is executed by the for loop only once, regardless of the number of

iterations.

initialization expression

test expression

update expression

preincrement expression

5

This is a variable that keeps a running total.

sentinel

sum

total

accumulator

5

This a special value that signals when there are no more items from a list of items to be processed. This value cannot be mistaken as an item from the list.

sentinel

flag

signal

accumulator

5

To open a file for writing, you use the following class.

PrintWriter

FileOpen

OutputFile

FileReader

5

To open a file for reading, you use the following classes.

File and Writer

File and Output

File and Input

File and Scanner

5

When a program is finished using a file, it should do this.

Erase the file

Close the file

Throw an exception

Reset the read position

Review Questions and

5

This class allows you to use the print and printin methods to write data

File

FileReader

OutputFile

Printwriter

5

This class allows you to read a line from a file.

FileWriter

Scanner

InputFile

FileReader

2

 Every complete statement ends with a\_\_\_\_\_.

Period

Parenthesis

semicolon

ending brace

2

The following data

72

‘A'

"Hello World"

2.8712

are all examples of\_\_\_\_\_.

 variables

Literals

strings

none of these

2

 A group of statements, such as the contents of a class or a method, are enclosed in\_\_\_\_\_\_.

braces {}

parentheses ()

brackets []

any of these will do

2

Which of the following are not valid assignment statements? (Indicate all that apply.)

total= 9;

 72 = amount;

profit = 129

letter ='W':

2

 Which of the following are not valid printIn statements? (Indicate all that apply.)

 System.out.println + "Hello World";

System.out.println ( "Have a nice day") ;

out. System.println(value);

println.out (Programming is great fun);

2

The negation operator is \_\_\_\_\_\_.

unary

binary

ternary

none of these

2

This key word is used to declare a named constant.

constant

namedConstant

final

concrete

2

These characters mark the beginning of a multiline comment.

//

/\*

\*/

/\*\*

2

These characters mark the beginning of a single-line comment.

 //

 /\*

 \*/

/\*\*

2

These characters mark the beginning of a documentation comment.

 //

 /\*

 \*/

 /\*\*

2

 Which scanner class method would you use to read a string as input?

 nextString

 nextLine

 readString

 getLine

2

 Which scanner class method would you use to read a double as input?

 NextDouble

getDouble

readDouble

 None of these; you cannot read a double with the Scanner class

2

You can use this class to display dialog boxes.

 JOptionPane

 BufferedReader

 InputStreamReader

DialogBox

2

 When Java converts a lower-ranked value to a higher-ranked type, it is called a \_\_\_\_\_.

 4-bit conversion

 escalating conversion

 widening conversion

narrowing conversion

2

 This type of operator lets you manually convert a value, even if it means that a nar-

rowing conversion will take place.

 cast

 binary

 uploading

 dot

4

The if statement is an example of a

sequence structure.

decision structure.

pathway structure.

class structure.

4

This type of expression has a value of either true or false.

binary expression

decision expression

unconditional expression

boolean expression

4

>, <, and == are

relational operators.

logical operators.

conditional operators.

ternary operators.

4

&&, | |, and ! are

relational operators.

logical operators.

conditional operators.

ternary operators.

4

This is an empty statement that does nothing.

missing statement

virtual statement

null statement

conditional statement

4

To create a block of statements, you enclose the statements in these.

parentheses ()

square brackets [1

angled brackets <>

braces {}

4

This is a boolean variable that signals when some condition exists in the program.

flag

signal

sentinel

siren

4

How does the character "A" compare to the character "B'?

"A" is greater than "B"

"A" is less than "B'

"A" is equal to "B"

You cannot compare characters.

4

This is an if statement that appears inside another if statement.

nested if statement

tiered if statement

dislodged if statement

structured if statement

4

An else always clause goes with

the closest previous if clause that doesn't already have its own else clause.

the closest if clause.

the if clause that is randomly selected by the compiler.

none of these

4

When determining whether a number is inside a range, it's best to use this operator.

&&

!

Il

?:

4

This determines whether two different string objects contain the same string.

the == operator

the = operator

the equals method

the stringCompare method

4

The conditional operator takes this many operands.

one

two

three

four

4

This section of a switch statement is branched to if none of the case values match the

testExpression.

else

default

case

otherwise

1

This part of the computer fetches instructions, carries out the operations commands by the instructions, and produces some outcome or resultant information,

memory

CPU

secondary storage

input device

1

A byte is made up of eight

CPUs

addresses

variables

bits

1

Each byte is assigned a unique

address

CPU

bit

variable

1

This type of memory can hold data for long periods of time-even when there is no power to the computer.

RAM

primary storage

secondary storage

CPU storage

1

If you were to look at a machine language program, you would see

Java source code

a stream of binary numbers

English words

Circuits

1

This type of program is designed to be transmitted over the Internet and run in Web browser.

application

applet

machine language

source code

1

These are words that have a special meaning in the programming language. punctuation

programmer-defined names

key words

operators

1

These are symbols or words that perform operations on one or more operands.

punctuation

programmer-defined names

key words

operators

1

These characters serve specific purposes, such as marking the beginning or ending of a statement, or separating items in a list.

punctuation

programmer-defined names

key words

operators

1

These are words or names that are used to identify storage locations in memory and parts of the program that are created by the programmer.

punctuation

programmer-defined names

key words

operators

1

These are the rules that must be followed when writing a program.

syntax

punctuation

key words

operators

1

This is a named storage location in the computer's memory.

class

key word

variable

operator

1

The Java compiler generates

machine code

byte code

source code

HTML

1

JVM stands for

Java Variable Machine

Java Variable Method

Java Virtual Method

Java Virtual Machine