**For each of the following questions (##-##), choose the corresponding word for the definition provided.**

a. Pseudocode b. Source code c. Literal d. Scanner e. Output Stream

**33.** An object used to obtain input from a user.

**34.** A mix of English and program code.

**35.** java code typed by a programmer.

**36.** Sends data to an output device.

**37.** any actual value.

**For each of the following questions (##-##), choose the corresponding definition for the word provided.**

a. Used to change, or set, the value of a variable

b. Is to assign a value to a variable it when it is declared

c. Using the + operator to combine two Strings

d. Data passed to a method for processing.

e. A numeric variable type that stores only whole numbers (positive or negative).

**38.** Initialize **39.** Assignment statement **40.** int **41.** Concatenate **42.** Parameter(argument)

**For each of the following questions (##-##), choose the corresponding word for the definition provided.**

a. Algorithm b. Input Stream c. Variable d. Syntax error e. double

**43.** The sequence of characters received from an input device

**44.** A numeric type used to store values with decimals

**45.** Set of steps that outline how to solve a problem

**46.** A named space in memory to store data

**47.** Occurs in a statement that violates the rules of java

**For each of the following questions (##-##), choose the corresponding definition for the word provided.**

a. made up of an assignment statement and a mathematical operator

b. To change the value of

c. Used to create an instance of an object

d. Takes the form <type> <name>

e. Usually a mathematical equation and found on the right side of the = sign.

**48.** Variable declaration **49.** Assign  **50.** Expression **51.** Instantiation **52.** Assignment operator

Identify the appropriate variable type for following values.

**Answers:** a. int b. double c. boolean d. char

\_\_\_\_\_ **53**. Number of turtles.

\_\_\_\_\_**54**. How much I paid for a turtle.

\_\_\_\_\_**55**. Whether or not I fed my turtle today.

\_\_\_\_\_**56**. How many meal worms my turtle ate.

\_\_\_\_\_**57**. The third letter of my turtle’s name.

Consider the following code for questions **58 & 59**:

Scanner scan = new Scanner(System.in);

int foo;

foo = input.nextInt();

if(foo < 9){

foo += 3;

}

System.out.println(foo);

What would be the output given the following inputs foo?

**58**. **0**

1. 7 b. 10 c. 3 d. none of these

**59**. **6**

1. 9 b. 12 c. 3 d. 15

Consider the following code for questions **60 & 61**:

int x, y;

Scanner scan = new Scanner(System.in);

x = scan.nextInt();

y = scan.nextInt();

if(x > y){

if(y > 6){

System.out.println(“Good!”);

}else{

System.out.println(“Great!);

}

}else{

System.out.println(“Wonderful!”);

}

What would be the output of the previous code given the following inputs for x and y.

**60**. **3, 7**

a. Good b. Great! c. Wonderful! d. there would not be an output

**61**. **7, 3**

a. Good b. Great! c. Wonderful! d. there would not be an output

Consider the following code for questions **62-65**:

Scanner scan = new Scanner(System.in);

int x, int y;

x = input.nextInt();

y = input.nextInt();

y -= x;

**if**(x > y){

x += 4;

}**else** **if**(x < y){

y %= x;

}**else**{

y=10;

x=20;

}

What would be the value of x and y after the following code is executed given the inputs for x and y?

**3 , 6**

**62**. x = ?

a. 7 b. 3 c. 2 d. 20

**63**. y = ?

a. 3 b. 6 c. 2 d. 10

**2 , 9**

**64**. x = ?

a. 6 b. 2 c. 3 d. none of these

**65**. y = ?

a. 7 b. 1 c. 9 d. none of these

Identify which line the syntax error is on if one is present:

1 Int x = 5;

2 x \*= 3;

3 System.out.println(x);

**66**) a. line 1 b. line 2 c. line 3 d. no syntax error present

Identify which line the syntax error is on if one is present:

1 double x = 3;

2 x = x + 3;

3 System.out.println(x);

**67**) a. line 1 b. line 2 c. line 3 d. no syntax error present

**True/ False**

Write the correct response if the space provided to the left of the number. ((a) for TRUE, (b) for FALSE)

\_\_\_\_\_ **68**. A Boolean expression evaluates to either true or false.

\_\_\_\_\_ **69**. Relational operators are used to perform a mathematical equation and set the variable on

the left to the resulting value.

\_\_\_\_\_ **70**. An object instantiation takes the form <type> <name>.

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_HTML\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**71.**  Which tag below is used to close a webpage?

a. <HTML>

b. /HTML/

c. <HTML/>

d. </HTML>

For questions # 74 - 78 identify which tag should be used to open each component of a webpage.

a) <p>

b) <u>

c) <b>

d) <h>

e) <body>

**72.**  Header

**73.** Paragraph

**74.** Underline

**75.** Body

**76.** Bold

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**Core Technology**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**77.** How many steps are there in the design process?

a) 4

b) 10

c) 8

d) 9

e) 12

**78.** Which is the last step in the design process?

a) Maintain

b) Refine the design

c) Research

d) Deciding on the details

e) none of the above