1. The if statement is an example of a

b. decision structure

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

d. boolean expression

3. > , < , and == are

a. relational operators

4. && , || , and ! are

b. logical operators

5. This is an empty statement that does nothing.

c. null statement

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

d. braces {}

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

a. flag

8. How does the character ‘A’ compare to the character ‘B’?

b. ‘A’ is less than ‘B’

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

a. nested if statement

10. An else clause always goes with

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

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

c. || Correct A

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

c. the equals method

13. The conditional operator takes this many operands.

c. three

14. This section of a switch statement is branched to if none of the case expressions match the switch expression.

b. Default

15. You can use this method to display formatted output in a console window.

c. System.out.printf

16. FALSE: The = operator and the == operator perform the same operation

17. FALSE: A conditionally executed statement should be indented one level from the if clause. Correct TRUE

18. TRUE: All lines in a conditionally executed block should be indented one level.

19. TRUE: When an if statement is nested in the if clause of another statement, the only time the inner if statement is executed is when the boolean expression of the outer if statement is true .

20. TRUE: When an if statement is nested in the else clause of another statement, the only time the inner if statement is executed is when the boolean expression of the outer if statement is true . Correct FALSE

21. TRUE The scope of a variable is limited to the block in which it is defined