Quizlet

NAME_____

23 Multiple choice questions

83%

1. When there are are two or more possible matches for the invocation of a method, but the compiler is unable to determine the best match

INCORRECT

✕ Method Overloading

THE ANSWER

Ambiguous Invocation

2. Immediately ends the innermost loop

CORRECT

✓ Break Statement

3. A special value that signifies the end of the loop

CORRECT

✓ Sentinel Value

4. The process of looking for a specific element in an array

CORRECT

✓ Searching

5. Checks the loop-continuation-condition first. If the condition is true, its body is executed; if it is false, it terminates

CORRECT

✓ While Loop

6. similar to while loop; executes the loop body first and then checks the loop-continuation-condition to decide whether to continue or to terminate

CORRECT

✓ Do-While Loop

7. How characters are encoded

INCORRECT

✕ Continue Statement

THE ANSWER

Encoding Scheme

8. A character data type used to represent a single character

CORRECT

✓ Char type

9. \\ (two backslashes)

INCORRECT

✕ Break Statement

THE ANSWER

Escape Sequence

10. Sends the output to a file rather than displaying it on the console

INCORRECT

✕ Method Overloading

THE ANSWER

Output Redirection

11. When there are two methods have the same name but different parameter lists within one class

CORRECT

✓ Method Overloading

12. the variable inside the brackets, [ ]

CORRECT

✓ Indexed Variable

13. The actual value that is passed into the method by a caller

CORRECT

✓ Actual Parameter/Argument

14. The method name and the parameter list

CORRECT

✓ Method Signature

15. A predefined class in the Java library, not a primitive type, a reference type, also an object

CORRECT

✓ String

16. Executing a loop one more/less time accidentally

CORRECT

✓ Off-by-One Error (Loops)

17. A group of statements to perform a specific task

CORRECT

✓ Method

18. The value of the argument passed to the parameter when a method is invoked with an argument
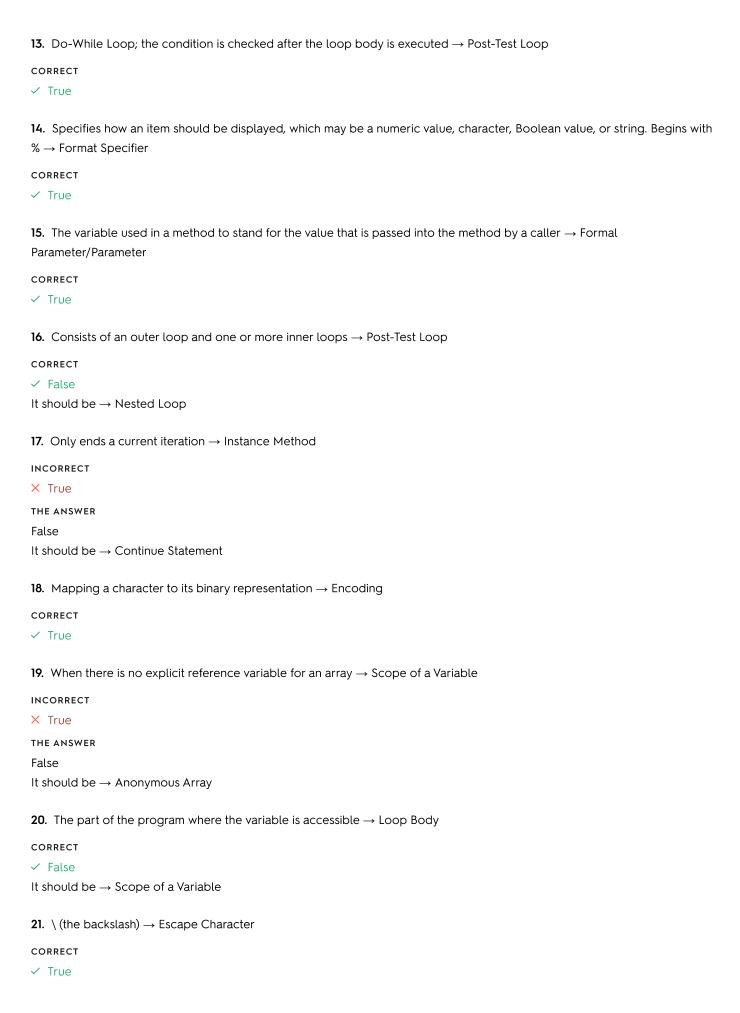
CORRECT

✓ Pass-By-Value

19. While & For Loops; the continuation condition is checked before the loop body is executed

CORRECT

✓ Pre-Test Loop

20. A loop statement that executes infinitely

CORRECT

✓ Infinite Loop

21. A numeric association to an element in a collection of data; the position of an object in an array

CORRECT

✓ Index

22. Keywords such as public, static, and final

CORRECT

✓ Modifier

23. When one references the first element in an array with index [1], but it should be [0]

CORRECT

✓ Off-by-One Error (Arrays)

23 True/False questions

1. Using a method without knowing how it is implemented → Off-by-One Error (Loops)

CORRECT

✓ False
It should be → Information Hiding/Encapsulation

2. An automatic memory management feature that is collected by the Java Virtual Machine → Garbage Collection

CORRECT

✓ True

3. Only can be invoked from a specific string instance → Nested Loop

CORRECT

✓ False
It should be → Instance Method

4. The program takes the input from the file Input.TXT rather than having the user type the data from the keyword at runtime → Input Redirection

CORRECT

✓ True

5. Controls how many times an operation or sequence of operations performed in succession → Post-Test Loop

INCORRECT

✕ True

THE ANSWER

False

It should be → Loop

6. combines the declaration, creation, and initialization of an array in one statement → Array Initializer

CORRECT

✓ True

7. Stores a fixed-size sequential collection of elements in the same type → Char type

CORRECT

✓ False

It should be → Array

8. A one-time execution of a loop body → Char type

CORRECT

✓ False

It should be → Iteration

9. Separating the use of a method from its implementation → Scope of a Variable

CORRECT

✓ False

It should be → Method Abstraction

10. Used to execute a loop body a fixed number of times; has three parts: initial action that initializes a control variable, the loop-continuation-condition, and execution after each iteration and is often used to adjust the control variable → For Loop

CORRECT

✓ True

11. A technique of writing software where you gradually add error checking and functionality → Off-by-One Error (Arrays)

INCORRECT

✕ True

THE ANSWER

False

It should be → Divide-and-Conquer / Stepwise Refinement

12. The part of the loop that contains the statements to be repeated → Scope of a Variable

CORRECT

✓ False

It should be → Loop Body

13. Do-While Loop; the condition is checked after the loop body is executed → Post-Test Loop

CORRECT

✓ True

14. Specifies how an item should be displayed, which may be a numeric value, character, Boolean value, or string. Begins with % → Format Specifier

CORRECT

✓ True

15. The variable used in a method to stand for the value that is passed into the method by a caller → Formal Parameter/Parameter

CORRECT

✓ True

16. Consists of an outer loop and one or more inner loops → Post-Test Loop

CORRECT

✓ False

It should be → Nested Loop

17. Only ends a current iteration → Instance Method

INCORRECT

✗ True

THE ANSWER

False

It should be → Continue Statement

18. Mapping a character to its binary representation → Encoding

CORRECT

✓ True

19. When there is no explicit reference variable for an array → Scope of a Variable

INCORRECT

✗ True

THE ANSWER

False

It should be → Anonymous Array

20. The part of the program where the variable is accessible → Loop Body

CORRECT

✓ False

It should be → Scope of a Variable

21. \ (the backslash) → Escape Character

CORRECT

✓ True

22. A non-instant method that can be invoked without using an object → Instance Method

CORRECT

✓ False

It should be → Static Method

23. A simple, incomplete version of a method → String

CORRECT

✓ False

It should be → Stub