

46 Multiple choice questions

93%

1. Consists of an outer loop and one or more inner loops

CORRECT

✓ Nested Loop

2. A loop statement that executes infinitely

CORRECT

✓ Infinite Loop

3. Only can be invoked from a specific string instance

CORRECT

✓ Instance Method

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

CORRECT

✓ Method Overloading

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

CORRECT

✓ Ambiguous Invocation

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

CORRECT

✓ Format Specifier

7. Separating the use of a method from its implementation

CORRECT

✓ Method Abstraction

8. Do-While Loop; the condition is checked after the loop body is executed

CORRECT

✓ Post-Test Loop

9. A simple, incomplete version of a method

CORRECT

✓ Stub

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

CORRECT

✓ Pre-Test Loop

11. \\ (two backslashes)

CORRECT

✓ Escape Sequence

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

CORRECT

✓ String

13. \ (the backslash)

CORRECT

✓ Escape Character

14. Only ends a current iteration

CORRECT

✓ Continue Statement

15. The method name and the parameter list

CORRECT

✓ Method Signature

16. How characters are encoded

CORRECT

✓ Encoding Scheme

17. Stores a fixed-size sequential collection of elements in the same type

CORRECT

✓ Array

18. The program takes the input from the file Input.TXT rather than having the user type the data from the keyboard at runtime

CORRECT

✓ Input Redirection

19. Using a method without knowing how it is implemented

CORRECT

✓ Information Hiding/Encapsulation

20. Executing a loop one more/less time accidentally

INCORRECT

✗ Off-by-One Error (Arrays)

THE ANSWER

Off-by-One Error (Loops)

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

CORRECT

✓ Actual Parameter/Argument

22. A technique of writing software where you gradually add error checking and functionality

CORRECT

✓ Divide-and-Conquer / Stepwise Refinement

23. The part of the loop that contains the statements to be repeated

CORRECT

✓ Loop Body

24. the variable inside the brackets, []

CORRECT

✓ Indexed Variable

25. A one-time execution of a loop body

CORRECT

✓ Iteration

26. The variable used in a method to stand for the value that is passed into the method by a caller

CORRECT

✓ Formal Parameter/Parameter

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

CORRECT

✓ Off-by-One Error (Arrays)

28. Mapping a character to its binary representation

CORRECT

✓ Encoding

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

CORRECT

✓ Index

30. The part of the program where the variable is accessible

CORRECT

✓ Scope of a Variable

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

CORRECT

✓ Pass-By-Value

32. 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

33. Controls how many times an operation or sequence of operations performed in succession

CORRECT

✓ Loop

34. 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

INCORRECT

✗ Pre-Test Loop

THE ANSWER

For Loop

35. Immediately ends the innermost loop

CORRECT

✓ Break Statement

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

CORRECT

✓ Output Redirection

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

CORRECT

✓ While Loop

38. When there is no explicit reference variable for an array

CORRECT

✓ Anonymous Array

39. An automatic memory management feature that is collected by the Java Virtual Machine

CORRECT

✓ Garbage Collection

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

CORRECT

✓ Sentinel Value

41. combines the declaration, creation, and initialization of an array in one statement

CORRECT

✓ Array Initializer

42. Keywords such as public, static, and final

CORRECT

✓ Modifier

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

CORRECT

✓ Searching

44. A group of statements to perform a specific task

CORRECT

✓ Method

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

CORRECT

✓ Char type

46. A non-instant method that can be invoked without using an object

INCORRECT

✗ Instance Method

THE ANSWER

Static Method