

46 True/False questions

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1. Method Signature → the variable inside the brackets, []

INCORRECT

✗ No answer given

THE ANSWER

False

It should be → The method name and the parameter list

2. String → The process of looking for a specific element in an array

INCORRECT

✗ No answer given

THE ANSWER

False

It should be → A predefined class in the Java library, not a primitive type, a reference type, also an object

3. Infinite Loop → Consists of an outer loop and one or more inner loops

INCORRECT

✗ No answer given

THE ANSWER

False

It should be → A loop statement that executes infinitely

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

INCORRECT

✗ No answer given

THE ANSWER

True

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

INCORRECT

✗ No answer given

THE ANSWER

False

It should be → Formal Parameter/Parameter

6. Indexed Variable → the variable inside the brackets, []

INCORRECT

✗ No answer given

THE ANSWER

True

7. 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 → While Loop

INCORRECT

✗ No answer given

THE ANSWER

False

It should be → For Loop

8. While & For Loops; the continuation condition is checked before the loop body is executed → Pre-Test Loop

INCORRECT

✗ No answer given

THE ANSWER

True

9. \ (the backslash) → Scope of a Variable

INCORRECT

✗ No answer given

THE ANSWER

False

It should be → Escape Character

10. A group of statements to perform a specific task → Method

INCORRECT

✗ No answer given

THE ANSWER

True

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

INCORRECT

✗ No answer given

THE ANSWER

False

It should be → The part of the program where the variable is accessible

12. \\ (two backslashes) → Encoding Scheme

INCORRECT

✗ No answer given

THE ANSWER

False

It should be → Escape Sequence

13. How characters are encoded → Encoding Scheme

INCORRECT

✗ No answer given

THE ANSWER

True

14. The actual value that is passed into the method by a caller → Actual Parameter/Argument

INCORRECT

✗ No answer given

THE ANSWER

True

15. Continue Statement → How characters are encoded

INCORRECT

✗ No answer given

THE ANSWER

False

It should be → Only ends a current iteration

16. Consists of an outer loop and one or more inner loops → Nested Loop

INCORRECT

✗ No answer given

THE ANSWER

True

17. Encoding → Keywords such as public, static, and final

INCORRECT

✗ No answer given

THE ANSWER

False

It should be → Mapping a character to its binary representation

18. Do-While Loop → similar to while loop; executes the loop body first and then checks the loop-continuation-condition to decide whether to continue or to terminate

INCORRECT

✗ No answer given

THE ANSWER

True

19. Modifier → Keywords such as public, static, and final

INCORRECT

✗ No answer given

THE ANSWER

True

20. Sends the output to a file rather than displaying it on the console → Input Redirection

INCORRECT

✗ No answer given

THE ANSWER

False

It should be → Output Redirection

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

INCORRECT

✗ No answer given

THE ANSWER

True

22. Only can be invoked from a specific string instance → Instance Method

INCORRECT

✗ No answer given

THE ANSWER

True

23. The process of looking for a specific element in an array → Char type

INCORRECT

✗ No answer given

THE ANSWER

False

It should be → Searching

24. The value of the argument passed to the parameter when a method is invoked with an argument → Pass-By-Value

INCORRECT

✗ No answer given

THE ANSWER

True

25. Anonymous Array → The part of the program where the variable is accessible

INCORRECT

✗ No answer given

THE ANSWER

False

It should be → When there is no explicit reference variable for an array

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

INCORRECT

✗ No answer given

THE ANSWER

True

27. Loop → Consists of an outer loop and one or more inner loops

INCORRECT

✗ No answer given

THE ANSWER

False

It should be → Controls how many times an operation or sequence of operations performed in succession

28. Sentinel Value → A loop statement that executes infinitely

INCORRECT

✗ No answer given

THE ANSWER

False

It should be → A special value that signifies the end of the loop

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

INCORRECT

✗ No answer given

THE ANSWER

False

It should be → Iteration

30. A simple, incomplete version of a method → Stub

INCORRECT

✗ No answer given

THE ANSWER

True

31. Method Abstraction → Separating the use of a method from its implementation

INCORRECT

✗ No answer given

THE ANSWER

True

32. Static Method → A loop statement that executes infinitely

INCORRECT

✗ No answer given

THE ANSWER

False

It should be → A non-instant method that can be invoked without using an object

33. Using a method without knowing how it is implemented → Information Hiding/Encapsulation

INCORRECT

✗ No answer given

THE ANSWER

True

34. Executing a loop one more/less time accidentally → Off-by-One Error (Arrays)

INCORRECT

✗ No answer given

THE ANSWER

False

It should be → Off-by-One Error (Loops)

35. Off-by-One Error (Arrays) → Executing a loop one more/less time accidentally

INCORRECT

✗ No answer given

THE ANSWER

False

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

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

INCORRECT

✗ No answer given

THE ANSWER

True

37. When there are two methods have the same name but different parameter lists within one class → Ambiguous Invocation

INCORRECT

✗ No answer given

THE ANSWER

False

It should be → Method Overloading

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

INCORRECT

✗ No answer given

THE ANSWER

False

It should be → Stores a fixed-size sequential collection of elements in the same type

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

INCORRECT

✗ No answer given

THE ANSWER

True

40. Immediately ends the innermost loop → Break Statement

INCORRECT

✗ No answer given

THE ANSWER

True

41. Loop Body → The part of the loop that contains the statements to be repeated

INCORRECT

✗ No answer given

THE ANSWER

True

42. A character data type used to represent a single character → Char type

INCORRECT

✗ No answer given

THE ANSWER

True

43. 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

INCORRECT

✗ No answer given

THE ANSWER

True

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

INCORRECT

✗ No answer given

THE ANSWER

False

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

45. Garbage Collection → Sends the output to a file rather than displaying it on the console

INCORRECT

✗ No answer given

THE ANSWER

False

It should be → An automatic memory management feature that is collected by the Java Virtual Machine

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

INCORRECT

✗ No answer given

THE ANSWER

False

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