===============46 Multiple choice questions========

1. Used to execute a loop body a fixed number of times; has three parts: initial action that initializes a control variable, the loopcontinuation-condition,

and execution after each iteration and is often used to adjust the control variable

1. While Loop
2. Nested Loop
3. Do-While Loop
4. For Loop

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

1. Formal Parameter/Parameter
2. Sentinel Value
3. Scope of a Variable
4. Actual Parameter/Argument

3. Using a method without knowing how it is implemented

1. Information Hiding/Encapsulation
2. Instance Method
3. Off-by-One Error (Arrays)
4. Encoding

4. A loop statement that executes infinitely

1. Sentinel Value
2. Instance Method
3. Nested Loop
4. Infinite Loop

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

1. Index
2. Pre-Test Loop
3. Loop
4. While Loop

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

1. Instance Method
2. Nested Loop
3. Post-Test Loop
4. Pre-Test Loop

7. Keywords such as public, static, and final

1. Searching
2. Modifier
3. Encoding
4. Infinite Loop

8. Separating the use of a method from its implementation

1. Method Abstraction
2. Method Signature
3. Output Redirection
4. Scope of a Variable

9. Only can be invoked from a specific string instance

1. Continue Statement
2. Instance Method
3. Nested Loop
4. Infinite Loop

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

1. Modifier
2. Scope of a Variable
3. Searching
4. String

11. \ (the backslash)

1. Actual Parameter/Argument
2. Method Signature
3. Escape Character
4. Break Statement

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

1. Loop Body
2. Pass-By-Value
3. Char type
4. Searching

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

1. Index
2. Stub
3. Loop
4. Method Overloading

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

1. Nested Loop
2. Sentinel Value
3. Method Signature
4. Static Method

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

1. Pre-Test Loop
2. Nested Loop
3. While Loop
4. Post-Test Loop

16. How characters are encoded

1. Escape Sequence
2. Encoding Scheme
3. Continue Statement
4. Indexed Variable

17. 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

1. Anonymous Array
2. Ambiguous Invocation
3. Input Redirection
4. While Loop

18. A simple, incomplete version of a method

1. Sentinel Value
2. Stub
3. Loop
4. Index

19. the variable inside the brackets, [ ]

1. Method Signature
2. Scope of a Variable
3. Anonymous Array
4. Indexed Variable

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

1. Pre-Test Loop
2. Post-Test Loop
3. Loop Body
4. Pass-By-Value

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

1. Input Redirection
2. Output Redirection
3. Garbage Collection
4. Method Abstraction

22. Immediately ends the innermost loop

1. Encoding Scheme
2. Break Statement
3. Continue Statement
4. Method Signature

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

1. Loop Body
2. Iteration
3. Static Method
4. Char type

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

1. Input Redirection
2. Post-Test Loop
3. Format Specifier
4. Pre-Test Loop

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

1. Nested Loop
2. Char type
3. Static Method
4. Loop Body

26. Only ends a current iteration

1. Continue Statement
2. Output Redirection
3. Encoding Scheme
4. Break Statement

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

1. Off-by-One Error (Arrays)
2. Pre-Test Loop
3. Method Signature
4. Method Overloading

28. \\ (two backslashes)

1. Escape Sequence
2. Encoding Scheme
3. Break Statement
4. Escape Character

29. Mapping a character to its binary representation

1. Information Hiding/Encapsulation
2. String
3. Nested Loop
4. Encoding

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

1. Anonymous Array
2. Instance Method
3. Scope of a Variable
4. Ambiguous Invocation

31. A one-time execution of a loop body

1. Infinite Loop
2. Iteration
3. Nested Loop
4. Searching

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

1. Array
2. Anonymous Array
3. Loop Body
4. Index

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

1. Method Abstraction
2. Array Initializer
3. Pre-Test Loop
4. Pass-By-Value

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

1. Off-by-One Error (Arrays)
2. Divide-and-Conquer / Stepwise Refinement
3. Pass-By-Value
4. Formal Parameter/Parameter

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

1. Formal Parameter/Parameter
2. Off-by-One Error (Arrays)
3. Anonymous Array
4. Off-by-One Error (Loops)

36. Executing a loop one more/less time accidentally

1. Off-by-One Error (Loops)
2. Method Abstraction
3. Actual Parameter/Argument
4. Off-by-One Error (Arrays)

37. similar to while loop; executes

the loop body first and then checks the loop-continuation-condition to

decide whether to continue or to terminate

1. While Loop
2. Post-Test Loop
3. Format Specifier
4. Do-While Loop

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

1. Nested Loop
2. Pass-By-Value
3. Post-Test Loop
4. Pre-Test Loop

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

1. Anonymous Array
2. Scope of a Variable
3. Pass-By-Value
4. Method Abstraction

40. The method name and the parameter list

1. Method Signature
2. Method Abstraction
3. Sentinel Value
4. Indexed Variable

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

1. Garbage Collection
2. Formal Parameter/Parameter
3. Output Redirection
4. Method Abstraction

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

1. Pass-By-Value
2. Format Specifier
3. Formal Parameter/Parameter
4. Indexed Variable

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

1. String
2. Index
3. Stub
4. Char type

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

1. Input Redirection
2. Scope of a Variable
3. Output Redirection
4. Format Specifier

45. A group of statements to perform a specific task

1. Static Method
2. Method
3. Iteration
4. Nested Loop

46. Checks the loop-continuation-condition first. If the condition

is true, its body is executed; if it is false, it terminates

1. Post-Test Loop
2. While Loop
3. Pre-Test Loop
4. For Loop