# Programming Test Questions

1. 1. Which loop is appropriate when the loop condition is unknown?

* ○ for loop
* ○ while loop
* ○ do-while loop
* ○ switch loop

1. 2. How can you remove an element from an ArrayList?

* ○ Using remove() method
* ○ Using delete() method
* ○ Using pop() method
* ○ Using erase() method

1. 3. What happens if an exception is not caught?

* ○ The program continues to run
* ○ The program terminates
* ○ The program ignores it
* ○ The program restarts

1. 4. What is the output of: int x = 5; if (x > 3) System.out.println("Hello");

* ○ Hello
* ○ 5
* ○ Nothing
* ○ Error

1. 5. What is the purpose of a try-catch block?

* ○ To execute code regardless of exceptions
* ○ To handle exceptions
* ○ To terminate the program
* ○ To debug the code

1. 6. Which collection maintains the insertion order?

* ○ HashSet
* ○ TreeMap
* ○ LinkedHashMap
* ○ SortedSet

1. 7. How is an infinite loop created?

* ○ Using for loop with a false condition
* ○ Using while loop with a true condition
* ○ Using do-while loop
* ○ Using switch statement

1. 8. Which keyword is used to exit from a loop?

* ○ quit
* ○ exit
* ○ break
* ○ terminate

1. 9. Which statement is used to throw an exception manually?

* ○ raise
* ○ throw
* ○ createException
* ○ except

1. 10. What is the correct way to iterate over a Set?

* ○ Using a for loop
* ○ Using a while loop
* ○ Using a do-while loop
* ○ Using an Iterator

1. 11. What is the purpose of the "default" case in a switch?

* ○ It is the default value
* ○ It is used for error handling
* ○ It is used for assertion
* ○ It is an alternative case

1. 12. What is the output of: int[] arr = new int[5]; System.out.println(arr[2]);

* ○ 0
* ○ null
* ○ Error
* ○ 2

1. 13. Which loop iterates at least once even if the condition is false?

* ○ do-while loop
* ○ switch loop
* ○ for loop
* ○ while loop

1. 14. What is the result of: 5 / 2?

* ○ 2
* ○ 2.5
* ○ 3
* ○ 2

1. 15. What is the purpose of the "finally" block in a try-catch?

* ○ It is executed after the try block
* ○ It is executed if an exception occurs
* ○ It is executed before the try block
* ○ It is executed before the catch block