For questions 65-74 on the prereq I got constant space complexity. For questions 75-84 I got a space complexity equal to the time complexity of the function. So is this thinking correct?:

Any non-recursive code fragment that only prints an output and then increments a variable has a constant space complexity, since printing takes up no memory and the variable is always overwritten. (All of the examples were as such)

Therefore,
Any function recursive function has a space complexity equal to it’s runtime, as long as the base function is operates as above.

Your thinking only works as long as no memory is allocated in a recursive call.

It also depends on if there is a linear recursion (say \( n \times \text{factorial}(n-1) \)), in which case I believe your thinking is correct. However, for tree recursion (say \( \text{fib}(n-1) + \text{fib}(n-2) \)), time and space complexity differ (on a normal computer).