

CMP167 – Quiz #01

Instructor: Michael Iannelli

Name: _____

Results: _____

Class: _____

Date: _____

The first five questions are multiple choice and are worth 10 points each. Circle the letter of the most appropriate answer choice. Problem 6 requires you to write code. It is worth 50 points.

1. A problem is intractable when:
 - a. You cannot reverse its solution
 - b. It has many solutions
 - c. It is not practical to solve

2. The items listed in the parenthesis of a function definition are called:
 - a. Parentheticals
 - b. Scripts
 - c. Parameters

3. Fragments of code that produce or calculate new data values are called:
 - a. Identifiers
 - b. Expressions
 - c. Productive Clauses

4. Which of the following is not a step in the software development process?
 - a. Fee Setting
 - b. Specification
 - c. Testing/Debugging
 - d. Maintenance

5. In modern Python, an *int* value that grows larger than the underlying hardware *int*:
 - a. Causes an overflow
 - b. Converts to float
 - c. Uses more memory

6. Write a program to find the sum of the cubes of the first n natural numbers, where the value of n is provided by the user. Use the back of this paper to write your code.