

YOUR NAME: \_\_\_\_\_

YOUR RCS ID: \_\_\_\_\_ @rpi.edu

Your RCS ID is the first part of your RPI e-mail address

## Principles of Software Quiz 8

Nov. 29, 2018

10 points total

Complete the sentences below by filling in the blanks below with the letter indicating the correct word or phrase.

a) absense b) blob c) code smell d) decompose conditional  
e) design f) documentation g) extract h) feature envy  
i) functionality j) lava flow k) maintainable l) move  
m) performance optimization n)polymorphism o) presence  
p) readable q) shotgun surgery r) when code is broken s) understandable

**Question 1.** In software, a \_\_\_\_\_ is the indication that there might be something wrong with the code that might call for the application of refactoring.

**Question 2.** A refactored program has an improved \_\_\_\_\_ but with the same \_\_\_\_\_.

**Question 3.** The goal of refactoring is to transform an existing program to be more \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.

**Question 4.** Testing can only show the \_\_\_\_\_ of defects but cannot demonstrate their \_\_\_\_\_.

**Question 5.** One large class that contains the majority of the processes is an example of \_\_\_\_\_ antipattern.

**Question 6** The \_\_\_\_\_ refactoring should be considered when you have a cohesive code fragment in a large method.