

ICS 52 - Introduction to Software Engineering
Midterm Exam #1 – Fall, 2008

Last Name: _____ First Name: _____

1	2	3	4	5	6	Total
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1. (10 points.) Name and define (in the context of software engineering) one desirable software quality, other than “maintainability,” discussed in lecture or the textbook. Read question 2 before you answer this question.
2. (15 points.) Select one software process model described in lecture or the textbook, and describe how following that model promotes the software quality you selected in question 1. Be quite specific.

5. (30 points) Consider this statement: “One particular software process model puts the focus on risk.”
- a. Define “software process” as used in this sentence.

 - b. Define “model” as used in this sentence.

 - c. What software process model is being referred to?

 - d. How does this software process model focus on risk?

 - e. Describe one particular kind of risk in a software process and how this model can reduce that risk.

 - f. In what sense could this software process model be described as “agile”?

6. (15 points) According to the textbook, what are two essential characteristics of software engineering that are always present, either explicitly or implicitly? Your answer can name any two of those the textbook discusses. Don't answer "multi-person" and/or "multi-version". Briefly explain each characteristic in a sentence or two.

First:

Second: