## Quiz 5 CISC 370 07/25/2006

Name:

- (3 pts) In Java, Regular Expressions are made up of literal characters and special symbols. \_\_\_\_\_\_(a) represents "all characters except for line terminators". \_\_\_\_\_\_(b) represents whitespace characters. To group together some part of the regular expression—perhaps to retrieve for use later—use \_\_\_\_\_\_(c).
- (3 pts) CVS is a version control system. To edit projects/codebases, a programmer must first \_\_\_\_\_\_(a) the code. After a programmer makes a change that she wants reflected in the codebase, she can \_\_\_\_\_\_(b) the code. Other programmers can view the change by \_\_\_\_\_\_(c) the code.
- 3. (2 pts) Write the regular expression for U.S. Postal Service Zip codes (a 5-digit number). (Keep it as simple as you can.)

4. (2 pts) Write the regular expression for the color codes in HTML/CSS. (The color codes are 6 digits long and each character in the color code is either 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B, C, D, E, or F. The codes begin with a '#'.)

5. (3 pts) What is **usability testing**? Why is it useful? What is its primary limitation?

6. (4 pts) What is JUnit? Why is it useful? What are its limitations?

7. (3 pts) Describe at least two new things your learned about Eclipse. If relevant, describe how you applied or plan to apply this knowledge.

Extra Credit (2 pts): What are the names of the guest lecturers?