

Signature _____ CSE 70 Name _____

General Testing Pre-Test

cs70f _____ Fall 2009 Student ID _____

This quiz is to be taken **by yourself** with closed books, closed notes, no electronic devices.

1) Match the correct description with each term

_____ Unit Testing	_____ Performance Testing
_____ Integration Testing	_____ Acceptance Testing
_____ Function Testing	_____ Installation Testing

- A) Test with the customer to make certain the system works according to customer expectations.
- B) Test each component on its own, isolated from the other components in the system.
- C) Test to determine if the functions described by the requirements specs are actually performed by the system.
- D) Test the system installed in the customer's environment in which it will be used.
- E) Test to verify the system component work together as described in the system and design specs.
- F) Test the system in a customer's working environment along with other HW and SW requirements.

2) Black box testing (Circle all correct answers)

- A. Views the object being tested from the outside
- B. Just deals with input values and expected output values
- C. Can always completely test an object in this manner
- D. Can usually choose representative test cases vs. exhaustive/brute force test cases
- E. Can choose either black box or white box testing as long as the chosen testing is complete

3) White box testing (Circle all correct answers)

- A. Uses the internal structure of the object being tested to devise test cases
- B. Statement-level testing is a stronger test than all paths testing
- C. Can always completely test an object in this manner
- D. Can usually choose representative test cases vs. exhaustive/brute force test cases
- E. Can choose either black box or white box testing as long as the chosen testing is complete

4) Circle all correct statements:

- A. Code walkthroughs are more informal than code inspections
- B. Code inspections can be very resource heavy
- C. Code walkthrough and inspection results are commonly used in employee performance reviews
- D. Code walkthroughs find far more faults than most other techniques
- E. Prototyping is better for identifying requirements problems
- F. White box testing may end up testing what the program does instead of what it should do

5) If something is coded to expect a positive integer input value, list some input values to use in test cases. Do not give exact values, but instead a general description of the kinds of values to use.
