**Name** _____

**Student number** _____

# SE 2AA4 Winter 2007

## Quiz 2 Answer Key

Instructor: William M. Farmer

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You have 10 minutes to complete this quiz consisting of 2 pages and 5 questions. You may *not* use your notes and textbooks, nor may you use any calculators or other electronic devices. Circle the *best* answer for the multiple choice questions, and write the answer in the space provided for the other questions. Good luck!

(1) [4 pts.] Documentation is only a small part of a typical software product. Is this statement true or false?

    (a) True.

    (b) False.

(2) [4 pts.] A standard Java compiler generates

    (a) Machine code.

    (b) Byte code.

    (c) P code.

    (d) Java source code.

(3) [4 pts.] Which of the following is more a quality of a software development process than a quality of a software product.

    (a) Portability.

    (b) Visibility.

    (c) Interoperability.

    (d) Robustness.

(4) [4 pts.] Fill in the following blanks:

    (a) The *privacy* subquality of information security corresponds to the Unix <u>read</u> privilege.

    (b) The <u>*integrity*</u> subquality of information security corresponds to the Unix *write* privilege.

          **1/2**

(5) [4 pts.] Explain in two or three sentences why the Unix root account is dangerous.

**Answer**: The root account gives a user complete control over a computer running Unix. In particular, a person with access to the root account can read, write, and delete any file and can execute any program on the computer. This power enables someone with root access to do unlimited harm to the system either maliciously or accidentally.