Self-study Questions 4
Due: November 23, 2009

1 Instructions for Answering
See Self-study question sheet 1.

2 Handing In
See Self-study question sheet 1.

3 Correcting Answers
See Self-study question sheet 1.

4 The Questions
1. What common programming errors does the use of a garbage collection system eliminate?

2. Is object-oriented programming superior to procedural or functional programming?

3. Explain the terms metaclass and class object.

4. What does the ability of a program to reflect upon itself mean?

5. Why does reflection greatly damage the ability to do static program analysis?

6. Explain generational garbage collection and how it can be considered an amalgamation of several other GC techniques.