Exam 2 Guide

Topics Covered:

- **Java class syntax**
  - Member variables
  - Constructor syntax
  - Method syntax
  - Overloaded constructors
  - Aggregation (containing arrays of objects)

- **Class design**
  - Designing constructors
  - Designing modifier methods
  - Validation as part of modifiers
  - Designing inspector methods
  - Validation inspectors
  - Static constants

- **Unit testing**
  - Designing test cases for constructors, modifiers, and inspectors
  - Support methods for viewing object state
  - Class drivers for testing a class

Types of Questions:

- Short answer (simple code fragment, or sentence-type answer).
- There will be at least one simple class you will have to create methods and constructors for, given some specifications.
- There may be questions that involve designing additional methods for a class for the benefit of users.
- There may be questions that require you to design a set of test cases for a class, or possibly a simple class driver.