Preparation for Final Exam

The final exam will have 5 programming questions. You will do your work in Eclipse, disconnected from the network. Before the exam begins, you may store lecture slides, labs, and other notes on the hard drive of the laptop you will use. You will submit your exam in the same way you submitted your Quiz.

Below is a description of the types of questions that you will encounter on the exam:

1. Do two of three questions asking you to solve problems by creating appropriate lambda library expressions, as in the Quiz, and also like Lab 9, Problem 7b.
2. Do two of three questions like Lab 8, Problem 6, in which you are given a lambda expression and you:
   a. Assign an appropriate type (some functional interface)
   b. Express it as a method expression
   c. State the type of method expression you have used
   d. Express it as a local inner class
   e. Evaluate the lambda, the method expression and the inner class inside an evaluator() method.
3. One problem in which you apply the reduce() method of Streams (see Lab 9, Prob 9).
4. One problem in which you have to find a way to handle an exception that is thrown within a lambda expression, like Lab 10, Problem 5.
5. One problem in generic programming, like Lab 11, Problem 5.