COSC 211: Programming Data Structures
Fall 2013

Exam II Notes

Date: Monday, November 11
Time: 12:30 – 2:20 pm

Format:
Part I: Closed notes, closed book, closed www
      A.   True or False (20 points)
      B.   Short Answers (30 points)

Part II: Closed notes, open textbook.
      Web browser can be opened only on the Exam pages and the Java 7 API
Oracle web site
      -Use Eclipse to develop your answers
      C. Problem Solving (50 points)

Coverage:
      Chapter 1 – Chapter 10
      Highlights:
- Polymorphism
  - Early vs late binding
  - Upcasting and downcasting
- Abstract classes
- Exception handling
  - try-throw-catch-finally
  - throws
  - defining Exception-derived classes
  - checked and unchecked exceptions
- Text File I/O
  - File class
  - Reading from a text file
    - Scanner
    - FileInputStream class
    - Use of hastNextxxx() to read until end of file
  - Writing to a text file
    - PrintWriter class
    - FileOutputStream class
  - Closing files