

# CITS1200 Java Programming Semester 2 2008

## Course Review and Exam Preview

*Past examinations in this unit held in the Library under the MCO are excellent indicators of the type of exam that has been set for this forthcoming November Examination Period.*

The examination will be for 2 hours and 10 minutes. It is a **CLOSED BOOK** exam. **NO CALCULATORS** are allowed (nor are they necessary).

You will be required to complete five (5) of the six (6) long answer problems. Each problem carries 12 marks (60 marks in total), and consists of four (4) simpler problems and two (2) more difficult problems.

The Multiple Choice Questions (MCQ) consists of 20 questions each with 5 choices. Each MCQ carries 2 marks (40marks in total). You will mark your answers on a special computer scannable sheet. **BRING A PENCIL AND ERASER**. The MCQ will have the same flavour as the mid-semester test and as those in past examinations.

You are expected to have a solid understanding of the lecture notes, and the information contained within. This exam will focus on the **APPLICATION** of your knowledge of the material.

What should you know for the problems section.

- While you will need to understand recursion for the MCQ section, there will NOT be a large problem involving the implementation of a recursive algorithm.
- You were tested in laboratory exercises on the features of the Java programming language. You should have a thorough understanding of what you did in *FlagDrawer*, *TextAnalyser* and the labs on matrix manipulations. Each of those labs introduced you to concepts and methods you will find necessary to answer many of the MCQ.
- The lectures extensively covered *Searching*, *Sorting* and the *Game of Life*; these should be thoroughly understood.
- You did a project. The project covered most of the basic features object oriented programming. If you (*really*) understand what you did, then you understand the basics.
- “*I am told there is no need to study the last 2-3 weeks of the lectures, they don’t put that in that late stuff in the exams*”. Many a student has crashed and burned on that myth!

What you should do

- Read the questions carefully and answer the question. Don't waste time writing an elegant and succinct answer to a question *that was never asked*.
- You will be implementing code in the long answer problems. I expect that the code you write will be a very good stab at real code, but I DO NOT expect code that would compile first time. On the other hand I will not accept a story in prose outlining what you would do.
- An important factor in passing exams is being there. Check Student Access to get the details of time, date and venue of the exam. Don't leave it to the last minute, and don't think you can ask me (or anyone in the office) – we won't know where you are expected to go (there may be several venues).
- Come prepared. Several sharp pencils, an eraser, pens, a bottle of water, a picnic lunch (if you are so inclined). But don't bring to the desk a mobile phone, iPod/MP3 player, calculator, books, notes etc.

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