

CSC 160 WEEK 8 TEST STUDY GUIDE

PROFESSOR GODFREY C. MUGANDA

1. LECTURE CONCEPTS

Please refer to the previous study guides for important concepts covered while leading up to week 5. Additional concepts covered since include

Arrays, classes, subclasses, superclasses, class inheritance, class extension, static members of a class, instance members of a class, instances of a class, private, protected, and public members of a class, class constructors, the purpose of class constructors.

The fact that subclass objects are also superclass objects; default constructors, why subclass constructors need to call superclass constructors: the purpose of the `toString()` and `equals()` methods in the class `Object`.

Method overriding and method overloading.

Graphics: the purpose of the `Graphics` class and the `paintComponent()` method.

How to write `ActionListener` classes; how to create listener objects, how to pass parameters to listener objects.

2. PROGRAMMING AND PROBLEM-SOLVING CONCEPTS

Make sure you can solve/ write code to solve all the problems worked on in the lab assignments. I will provide additional practice problems in the lab on Wednesday.