

Name: _____ Andrew Id: _____

15-121 Sample Assessment 4

50 minutes. No calculators, no notes, no books, and no computers.

Place answers on the answer sheet.

Question 1: Binary Search Tree Removal.

Question 2: Binary Search Tree Construction.

Question 3 (a): Binary Search Tree Traversal.

Question 3 (b): Binary Search Tree Traversal.

Question 3 (c): Binary Search Tree Traversal.

Question 4: Binary Search Tree Free Response.

Question 5 (a): Binary Heap.

Question 5 (b): Binary Heap.

Question 6 (a): More Binary Heaps.

Question 6 (b): More Binary Heaps.