201703 CIS152 30464 - Data Structures
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Review Test Submission: Post MidTerm Exam

User	Talen Q Fisher
Course	201703 CIS152 30464 - Data Structures
Test	Post MidTerm Exam
Started	6/29/17 12:37 AM
Submitted	6/29/17 12:37 AM
Due Date	6/29/17 11:59 PM
Status	Completed
Attempt Score	80 out of 80 points
Time Elapsed	1 hour, 38 minutes out of 3 hours
Instructions	You have 3 hours to complete the exam.
	Watch the points value to know how much to add for essay questions. For example, if a question is worth 2 points you should list 2 ideas or have 2 sentences.

Question 1

3 out of 3 points View Rubric

What is a data structure?

Question 2

18 out of 18 points View Rubric

What are Michelle's principles of good programming?

Question 3

4 out of 4 points

The four operations of a computer are the following **[a]** , **[b]** , **[c]** and **[d]** .

Question 4

6 out of 6 points

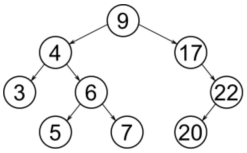
Match the definition with the data structure.

Question
Queue
Stack
Linked List
Tree
Graph
Hash Table

Question 5

9 out of 9 points

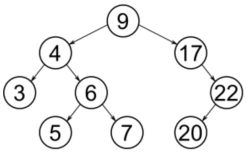
Given the following tree, list the in-order of traversal.



Question 6

9 out of 9 points

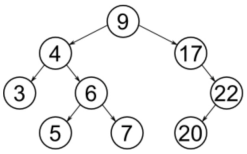
Given the following tree, list the pre-order of traversal.



Question 7

9 out of 9 points

Given the following tree, list the post-order of traversal.



Question 8

6 out of 6 points

Match the sorting definitions

Question
Bubble Sort
Insertion Sort
Merge Sort
Selection Sort
Quicksort
Heapsort

Question 9 1 out of 1 points

Which of these sorting algorithms is most efficient?

Question 10 15 out of 15 points

Describe your final project. Include a description of the data structure(s) and/or data structure(s) and sorting algorithm you are using, including how you are using them.

Wednesday, August 1, 2018 12:37:19 PM CDT

← OK