

Name: _____

Time Spent: _____

R.25 Reading Guide

Concepts related to Q8

CPTR 242: Sequential and Parallel Data Structures and Algorithms, Walla Walla University

I. Read Chapters 9.1 - 9.2 in your text.

II. Thoughtfully answer the following questions.

(a) Explain why it is possible use other data structures to implement a priority queue?

(b) Describe the pros and cons to two implementation of a priority queue.

(c) What are the benefits from having a non-linked representation of a binary tree?

(d) What were the most challenging concepts? What questions do you still have?