Department of ICT Faculty of Technology University of Ruhuna

Data Structures and Algorithms – ICT2113

Level 2- Semester 1 | 2022

Laboratory Assignment 6

Objectives:

Understand the implementation of Binary Tree data structure in C.

1) Implement a binary search tree. Write a type definition to *Tree*. The **Tree** should have a *info* element a *left* reference and a *right* reference.

Implement the following functions

```
void inorder(struct tree *);
void postorder(struct tree *);
void preorder(struct tree *);
struct tree *delete(struct tree *,int);
struct tree *search(struct tree *);
```