1. Consider binary tree drawn the right

(a) List the vertices in level order
(b) List the vertices in preorder
(c) List the vertices in inorder
(d) List the vertices in postorder
(e) The height of the tree is _____ and number of leaves in the tree is _____

2. The sequence of numbers in the order 40, 80, 70, 20, 10, 30, 90 are inserted into both a BST (Binary Search Tree) and a Priority Tree. Draw both binary trees. Then, for each tree, delete the value of the root and redraw.