CS 2420 Python Fall 2021 Review for Test 2

100 points – mostly 10 points each.
1. Draw a Venn diagram that shows the placement of categories P, NP, and NP complete.
2. Explain what the categories in the previous problem represent.
3. Convert an expression from infix to postfix.
4. Evaluate a postfix expression.
5. Insert into BST
6. Delete from BST
7. Is BST balanced?
8. Insert into 2-3 tree
9. Delete from 2-3 tree
10. An easy question about AVL trees, 234 trees, or 100 trees, to see if you were paying attention.
11. A Write Code question or two from the Linked List or BST assignment. It won’t be BST-Insert or BST-Delete. (This question may be worth 20 points)