

3. [8 marks] For the following tree, write down its traversals:

Pre-order: 35, 19, 15, 16, 26, 24, 30, 29, 52, 65, 63, 72

In-order: 15, 16, 19, 24, 26, 29, 30, 35, 52, 63, 65, 72

Post-order: 16, 15, 24, 29, 30, 26, 19, 63, 72, 65,
52, 35

BFS: 35, 19, 52, 15, 26, 65, 16, 24, 30,
63, 72, 29

