Please answer the following questions about the tree shown below.

1. The tree shown above has (numbers) 1 root, 5 internal nodes, and 4 leaves.

2. Consider node F. It is an internal node (a type of node), and its children are I and its ancestors are B, A.

3. The size of the tree is 9 and its height is 3.

4. List the nodes of the tree as they would be visited in a pre-order traversal:
   A, B, E, F, I, C, G, D, H

5. List the nodes of the tree as they would be visited in a post-order traversal:
   E, I, F, B, G, C, H, D, A

6. Bonus. The tree above is not a binary tree. What is a more specific categorization of it compared with general tree?
   Ternary tree