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General Questions

Practice Questions

Q1. What is the result of a post-order traversal on a binary tree?

A. Root, Left, Right
B. Left, Right, Root
C. Right, Left, Root
D. Left, Root, Right

Solution: In post-order traversal, the nodes are visited in the order of Left, Right, and then Root.

Q2. What is the time complexity of inserting an element in a balanced binary search tree?

A. O(1)
B. O(log n)
C. O(n)
D. O(n log n)

Solution: Inserting an element in a balanced binary search tree has a time complexity of O(log n) due to the tree's balanced nature.

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