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General Questions

Practice Questions

Q1. What is the output of the following in-order traversal on the binary tree: 1 (root), 2 (left child), 3 (right child)?

A. 1, 2, 3
B. 2, 1, 3
C. 3, 1, 2
D. 1, 3, 2

Solution: In-order traversal visits the left child first, then the root, and finally the right child, resulting in the output 2, 1, 3.

Q2. What is the result of a post-order traversal on a binary tree with nodes 1 (root), 2 (left), 3 (right)?

A. 1, 2, 3
B. 2, 3, 1
C. 3, 2, 1
D. 1, 3, 2

Solution: Post-order traversal visits the left child, then the right child, and finally the root, resulting in the output 2, 3, 1.

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