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General Questions

Practice Questions

Q1. What is the output of the following C++ code for a binary tree with root value 1, left child 2, and right child 3 during pre-order traversal?

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

Solution: Pre-order traversal visits the root first, then the left subtree, followed by the right subtree, resulting in the output '1 2 3'.

Q2. Which of the following traversal methods can be used to print the nodes of a binary tree level by level?

A. In-order
B. Pre-order
C. Post-order
D. Level-order

Solution: Level-order traversal visits nodes level by level, making it suitable for printing nodes in that order.

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