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SoulShift – Educational Q&A Platform

General Questions

Practice Questions

Q1. What is the maximum number of nodes at level 'h' of a binary tree?

A. h
B. 2^h
C. 2^(h+1) - 1
D. h^2

Solution: The maximum number of nodes at level 'h' in a binary tree is 2^h, where h is the level number starting from 0.

Q2. In a binary tree, what does it mean if a node has two children?

A. It is a leaf node
B. It is a full node
C. It is a parent node
D. It is a root node

Solution: A node with two children is referred to as a full node, as it has both left and right children.

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