



# **Data Structures & Algorithms** **using Python**

## **Quiz Answers**

### **Binary Search Tree 1**

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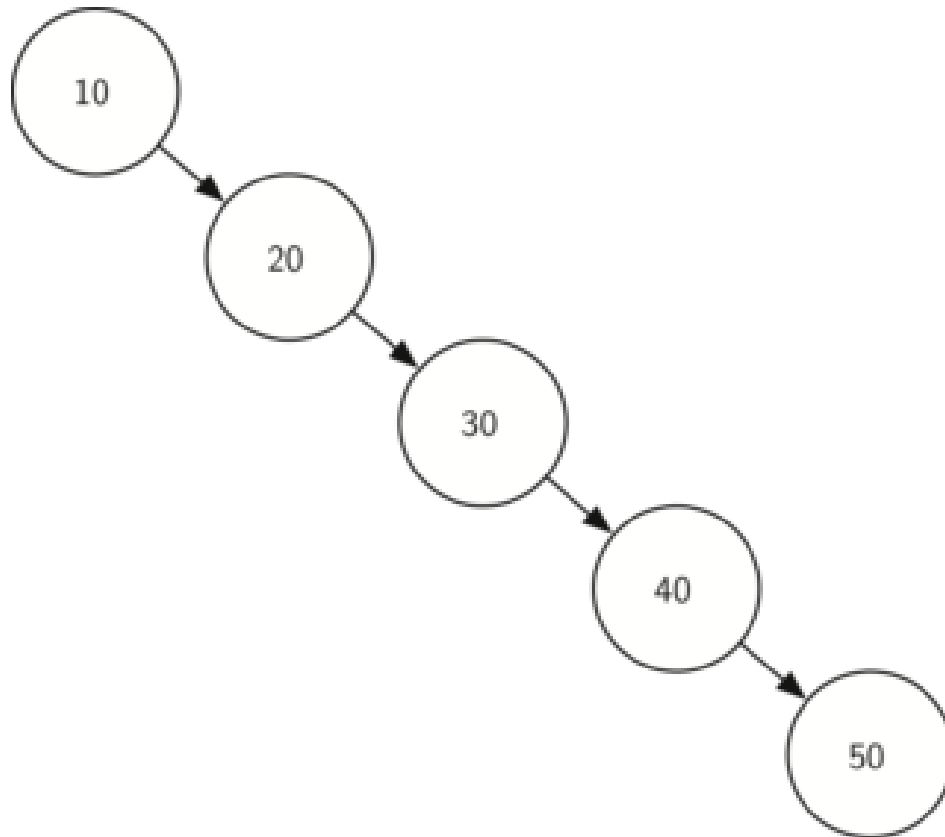
**Degree : Bachelor of Technology**

**Dept. : Information & Communication Technology**

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1. Is this a BST ?



**Yes**

No

2. The run time for traversing all the nodes of a binary search tree with n nodes and printing them in an order is

- a)  $O(n \lg(n))$
- b)  $O(n)$**
- c)  $O(\sqrt{n})$
- d)  $O(\log(n))$

Which type of traversal of binary search tree outputs the value in sorted order ?

- a) Pre-order
- b) In-order**
- c) Post-order
- d) None