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NeoColab_REC_CS23231_DATA STRUCTURES

REC_DS using C_Week 5_MCQ

Attempt : 1
Total Mark : 15
Marks Obtained : 2

Section 1 : MCQ

1. In a binary search tree with nodes 18, 28, 12, 11, 16, 14, 17, what is the value of the left child of the node 16?

Answer

14

Status : Correct ***Marks : 1/1***

2. While inserting the elements 5, 4, 2, 8, 7, 10, 12 in a binary search tree, the element at the lowest level is _____.

Answer

12

Status : Correct ***Marks : 1/1***

3. Find the preorder traversal of the given binary search tree.

Answer

Status : Skipped ***Marks : 0/1***

4. The preorder traversal of a binary search tree is 15, 10, 12, 11, 20, 18, 16, 19. Which one of the following is the postorder traversal of the tree?

Answer

-

Status : - ***Marks : 0/1***

5. Which of the following is a valid preorder traversal of the binary search tree with nodes: 18, 28, 12, 11, 16, 14, 17?

Answer

-

Status : - ***Marks : 0/1***

6. Which of the following operations can be used to traverse a Binary Search Tree (BST) in ascending order?

Answer

-

Status : - ***Marks : 0/1***

7. Which of the following is the correct in-order traversal of a binary search tree with nodes: 9, 3, 5, 11, 8, 4, 2?

Answer

-

Status : - *Marks : 0/1*

8. Find the post-order traversal of the given binary search tree.

Answer

-

Status : - *Marks : 0/1*

9. While inserting the elements 71, 65, 84, 69, 67, 83 in an empty binary search tree (BST) in the sequence shown, the element in the lowest level is _____.

Answer

-

Status : - *Marks : 0/1*

10. Which of the following is the correct post-order traversal of a binary search tree with nodes: 50, 30, 20, 55, 32, 52, 57?

Answer

-

Status : - *Marks : 0/1*

11. Which of the following is the correct pre-order traversal of a binary search tree with nodes: 50, 30, 20, 55, 32, 52, 57?

Answer

-

Status : - *Marks : 0/1*

12. Find the in-order traversal of the given binary search tree.

Answer

-

Status : - *Marks : 0/1*

13. Find the postorder traversal of the given binary search tree.

Answer

-

Status : - *Marks : 0/1*

14. How many distinct binary search trees can be created out of 4 distinct keys?

Answer

-

Status : - *Marks : 0/1*

15. Find the pre-order traversal of the given binary search tree.

Answer

-

Status : - *Marks : 0/1*