

Question # 1 of 10 (Start time: 12:36:28 AM)

The smallest value element in a binary tree(Each node with left and right pointers)lies at

Select correct option:

<input type="radio"/>	Root Node
<input checked="" type="radio"/>	Left Child of Root
<input type="radio"/>	Right Most Node
<input type="radio"/>	Left Most Node

Question # 2 of 10 (Start time: 12:37:48 AM)

Which of the following statement related to deleting nodes from a binary search tree is NOT correct ?


Select correct option:

<input type="radio"/>	The node to be deleted has no children; the node can be deleted without any adjustment. Delete the leaf node and set reference from its parent to null reference.
<input checked="" type="radio"/>	The node to be deleted has two sub-trees. The method to be used is to replace the node being deleted by the rightmost child of its left sub-tree.
<input type="radio"/>	The node to be deleted has two sub-trees. The method to be used is to replace the node being deleted by the leftmost child of its right sub-tree.
<input type="radio"/>	The node to be deleted has no children; the node can be deleted with very few adjustments to the tree.

Question # 3 of 10 (Start time: 12:39:15 AM)

In which traversal method, the recursive calls can be used to traverse a binary tree ?


Select correct option:

<input type="radio"/>	In preorder traversal only
<input type="radio"/>	In inorder traversal only
<input type="radio"/>	In postorder traversal only
<input type="radio"/>	All of the given options 

Question # 4 of 10 (Start time: 12:40:11 AM)

To represent hierarchical relationship between elements, which data structure is suitable?


Select correct option:

<input type="radio"/>	Deque
<input type="radio"/>	Priority
<input type="radio"/>	Stack
<input type="radio"/>	Tree 

Question # 5 of 10 (Start time: 12:41:22 AM)

Which one of the following calling method does not change the original value of the argument in the calling function?


Select correct option:

<input type="radio"/>	Call by passing reference of the argument
<input type="radio"/>	Call by passing the address of the argument
<input checked="" type="radio"/>	Call by passing the value of the argument 
<input type="radio"/>	None of the given options

Question # 6 of 10 (Start time: 12:42:44 AM)

A binary tree whose every node has either zero or two children is called _____


Select correct option:

<input type="radio"/>	Complete binary tree
<input type="radio"/>	Binary search tree
<input checked="" type="radio"/>	Strictly binary tree 
<input type="radio"/>	None of above

Question # 7 of 10 (Start time: 12:43:17 AM)

Which one is the correct function call for the following function of calculating cube? int cube(int& num)
{ ... }


Select correct option:

<input type="radio"/>	cube(&num)
<input type="radio"/>	cube(&&num)
<input type="radio"/>	cube(*num)
<input type="radio"/>	cube(num) 

Question # 8 of 10 (Start time: 12:44:39 AM)

Leaf node of binary search tree contains

Select correct option:

<input type="radio"/>	One Null pointer
<input type="radio"/>	Three Null pointers
<input type="radio"/>	Two Null pointers 
<input type="radio"/>	All of the given

Question # 9 of 10 (Start time: 12:45:42 AM)

In-order traversal method traverses the data in

Select correct option:

<input type="radio"/>	Non sorted order
<input type="radio"/>	Random order
<input checked="" type="radio"/>	Sorted order
<input type="radio"/>	None of the given

Question # 10 of 10 (Start time: 12:46:21 AM)

Longest path from root node to farthest leaf node is called _____ of tree

Select correct option:

<input type="radio"/>	Level
<input type="radio"/>	Length
<input checked="" type="radio"/>	Depth
<input type="radio"/>	Node level