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:

- Root Node
- Left Child of Root
- Right Most Node
- 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:

- 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.
- The node to be deleted has two subtrees. The method to be used is to replace the node being deleted by the rightmost child of its left subtree.
- The node to be deleted has two subtrees. The method to be used is to replace the node being deleted by the leftmost child of its right subtree.
- 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:

- In preorder traversal only
- In inorder traversal only
- In postorder traversal only
- 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:

- Dequeue
- Priority
- Stack
- 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:

- Call by passing reference of the argument

- Call by passing the address of the argument

- Call by passing the value of the argument

- 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:

- Complete binary tree

- Binary search tree

- Strictly binary tree

- 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:

- cube(int num)
- cube(int& num)
- cube(num)
- cube(num)

Question # 8 of 10 (Start time: 12:44:39 AM)
Leaf node of binary search tree contains

Select correct option:

- One Null pointer
- Three Null pointers
- Two Null pointers
- 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:

- Non sorted order
- Random order
- Sorted order
- 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:

- Level
- Length
- Depth
- Node level