

condition in link list.

131405

www.FirstRanker.com

[Contd...

131405]

FirstRanker.com
Firstranker's choice
www.FirstRanker.c 3

<u></u> 9

Ē useful and efficient in implementing the tree

Attempt any TWO of the following questions: 10x2=20

Filestian Ker C

Explain Depth First Search. Give example to support your explanation.

Explain Kruskal's algorithm to find minimum weighted directed graph? there be two minimum spanning trees of given spanning tree in a weighted directed graph. Can

Attempt any TWO of the following questions: 10x2=20

operations for this data structure

Prove and explain that a strictly binary tree with Construct a tree for the following preorder and 'n' leaves contains '2n-1' nodes.

Explain threaded binary tree. How it would be Postorder: 13,15,17,10,19,14,7,6,20,8,5,24 Preorder: 24,14,13,19,17,15,10,5,8,6,7,20 postorder and write its inorder traversal.

> a given set of 'n' data's where 'kth' is the Write and explain the bubble sort algorithms for

3

Compare and contrast average case behavior of Quick Sort and Merge Sort.

www.FirstRanker.com