Abhishek Singh Kushwaha 19BEC 001, Section B CS 102 Assignment (2003) to be Rubmitted on April 4,2020

Abhister Singh Kushwata 19BEC001, Section (B). CS102 Assignment to be submitted on April 04,200 € Assignant 01 + Tree Questions Quiz Question (1) Inordun > AKBJCLIDEHFG Preorder > LKAJBCIHEDFG Post Order > Right Subtree ABCJKIEDFGHL Left Subtree Breadth-First orders LKIHAJEFGBCD Excestion 2 3 I have added the python file having code for to add 6, add 15, delete 23, and delete 9. Yes, the given tree is ANL. Yes, the given tree is binary search tree. Question 37 &=3 Max. number of nodes = 2 -1 = 2-1 = 15 Min. number of nodes = f+1=3+1=4 A) > Root hode Minimum number of Tree having maxinum no. of nedes Scarnieu with CarnSc

Abhishek Singh Kushwala, 19BEC001, Section > B. Assignment to be submitted on April 04,2020 Assignment of y Tree Question Quiz

Question (1) >

It is the a false statement that the first item printed out is always the sen smallest one in preorder traversal.

In preorder traversal > Root, Left, Right

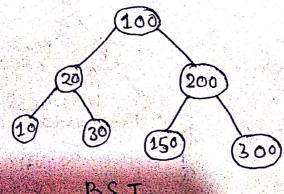
Elements of Left Subtree < Root < Elements of right
Subtree in a BST

So, always the first item p is greater than elements of left subtree.

Question 5 > Breadth First or level order Travorsal > 2,3,5,10,8,7,22,11,13,00, 24,16

8 7 22 11 13 20 24 16 NONE NONE NONE

Question (6) > Postorder > 10,30,20,150,300,200,100 Introder > 10, 20, 30, 100, 150, 200, 300



BSI

Assignment of * Tree Question Quiz
Question D > given number > 7.5,1,8,3,6,0,9,4,2

1306

18 Inordor > (5)

1300465786

The does not (6)

meet with (7)

any option (2)

Assignment 01 + Find out Traversal Node of Agure D

Zoom Class-Trees DS - 30032020. pdf

Slide No. 154 figure D

Inordor +

D B PE'E AFC

Preorder +

ABDEPE'CF

Postordor +

DE'PEBAFC A

Breadth First or lovel

Order Traversal +

ABCDEF PE'

I am refering this

Zoom Class-Treez-26032020.pdf=>Slide no.39 Froslor Assignment 12 figure (2) Find out Traversal Node of Figure 2 Inorder > AKBJCLIDEHFA Preorder LKATBCIHEDFA I amrefering node as A! Inorder > ZWSBYRA' AEUGPJ Preorder & ABSWZRAUEPGJ Postordor + ZWSYA'RBEGJPUA Breadth First or level Order Traversely A BUSREPWYA'GJZ