- Attempt All Questions

Q	Part	Question	Marks
1		Draw a Tree and explain each of the following terms with reference to your designed tree.	
		i. Left Child Node	04
		ii. Child Node	04
		iii. Forest	04
		iv. Branch	04
		v. Binary Tree	04
2		Convert the following M. E. into their equivalent Pre-Fix and Post-Fix Notation.	
		i. (A * B) + (B * T) / (H + P)	10+10
3	a	Design a Map to elaborate several different types of Data Structures.	10
	b	Construct a Binary Tree of the given List of numbers and then verify it. 40, 30, 30, 15, 25, 12, 23, 30, 22, 20, 35	10
4	A	Sort the given list using Insertion Sort. 16, 14, 16, 20, 5	10
	B	How would you be defining Data Structures?	10