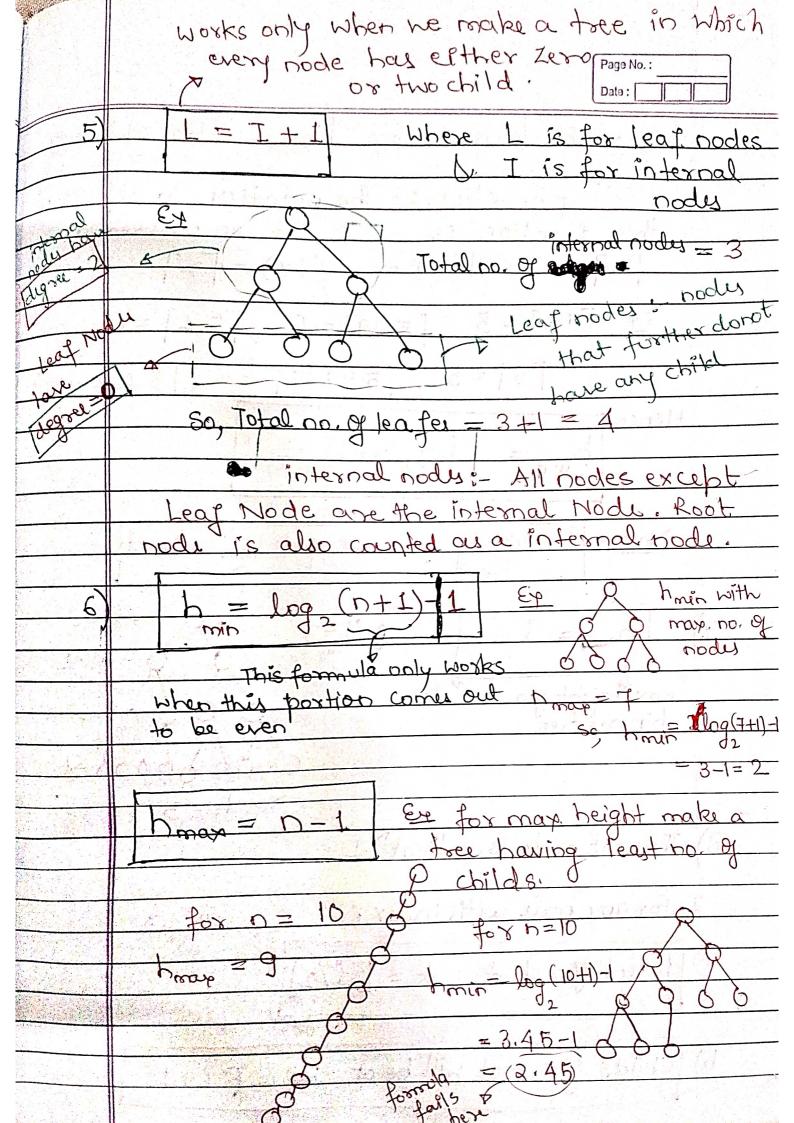
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	Tree Formula List
	P = 10
	1) In a binary tree, maximum no. of nodes on level 1 is 21, where 170.
	Where 170.
	It is also true for level = i+1
	10 10 also note to how the little axxi
	max no. of nodes an asset
	It is also true for level = (+1) max no. of nodes at level (+1 is 2x21) = 2i+1
	2) h = 2 -1 Where h is the height
	(max no. Of bossible in a binary
	node tree.
	3)
	1 nmin = h+1
	(min. no. of nodes
	possible in a
18	binary tee)
a sa	4) where n is the no. of
	n = e + 1 where n is the no. of
	Le is the no. of edges.
	hoges > 69 der
	2 Total edger = 9
	So Total as and
	So, Total no. of = $9+1=10$ nodes
	1 Todes
1	



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3 8 4 7 7 1	So, right formula for himin after applying
	ceiling function: - The notation to represent this function is $\Gamma 7$. It can be used as $\Gamma \times \Gamma $
	<u>E</u> Y [4.5] = 5 , [5.39] = 6 , [5.1] = 6
	[5] = 5, $[5.9999] = 6$, $[5.0000] = 6$
#	Hence, $h = log_2(n+1)-1$
	Note:- beight of a = height of a root
7)	1 = 1 max 0 -> 1-1
	mx height gra level.
	8, h=3.
8)	The root node is at locat -L
	For any node with index;
٩	Parent of a child is at = 1 1/2]
<u> </u>	Childs of a root will be at 2(6 Ri+1)

