HW 3 05260 Dhenthe Gunerathry

3.) a). Noores D, M, N, 3F, J, K L ere leaves

5). root mode is A

A 15 the povent of C

d). F, G, H are children of c

A 15 ancestor of B e)

fl 2 , m, N are descendents of &

91. 2 There from one no sight sibling for D end 6

2 is to the left and u is to the right

h). depth of C 15 11 3)

s) height of c is 2

For there are a different paths of tength length 3 3.21

3.0

n Isto the left of m n is to the right of m nis a proper uncestor of m nise proper descendant ofm

Pre-order (n)	in order (m)	postorder(m)
×	*	X
X	Y	X
		*

3.20 001 e 0.12 0.55 0-22 0.23 0.28 0-27 0.45 0-55 2.22 (3) 0-28

be

tepth (a) > depth (b) -given P(6) # 2P(a) if depth of a is > the depth of b, then child or sibling a. It has to be on by contrediction # p(b) < p(a)

Pla7 DX 2 'p(b)

must b