Silvanay Sui Téja 19BCS102 sec-B

0-11-

Gnorda - AKBJELDEHGEI Preorder 2- LKAJBCINED, PG. Postorda: ABCJKIDEFG 812

Bready Light ordit

LKINAJEEGBCO

Q-2:-

The been is (s) will be hear them 16 07 (12) (19) Lights an bhot THUM! east tourish to have a drawing

essilves to only end thing

AUL: deighte at left to sigh subtree can't be more than,

249 Dry This been is not an AVI Tree ESTERN C LOUR WAS SUBJECT HOUSE

Q-3: Long said to tolk your Meight of the bree is 3,

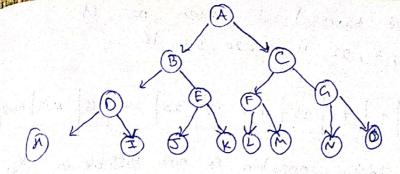
> The largest number of modes -- 2 1-1 = 15 The smallest no satisfiedes ) 2001 = 23-1/24 ...

Tree with largest number of nodes 13 logical ten goods gent 24 A 227 20 25 A 28 - 410 27 - 412

and a second

The Mark Blown States of the States and

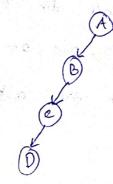
1 3 2 gr



Johnnal modes -> A,B,C,D,E,F,G

Leaf nodes -> B, M, I, J, K, L, M, N,O

Tree with smallest number of nodes 4



Andrad modes -> A.B.C (2)
Leaf Nodes -> D

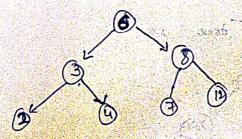
Q-4 False

In pre-order traversel of tree the first pointed item is not smallest one

AD AT AT

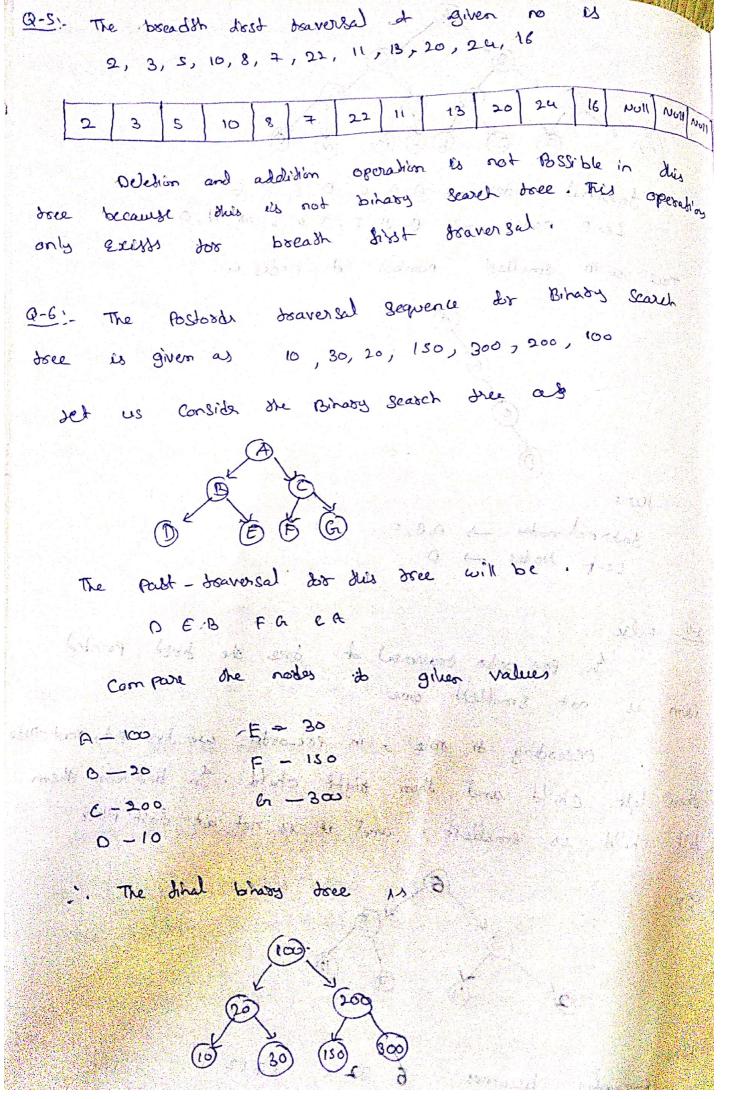
Recording to oute, in pre-order we dist put, sout-trade them left child and then tight child. In between them left child is smallest, and it is not at dist place

Ex.

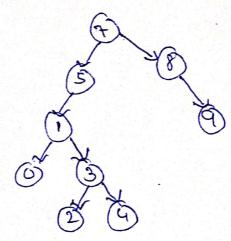


Here,

Psecosber becomes \$ 324 8712
How 3 is smallest in direct cycle but not ad direct



in order the binary search osee will be



The Groxder Traversal of the above does will be 0,1,2,3,4,5,6,7,8,9

Scanned with CamScanner