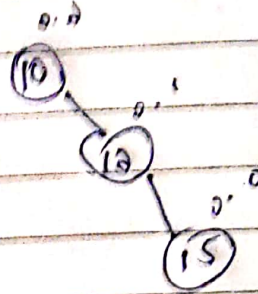
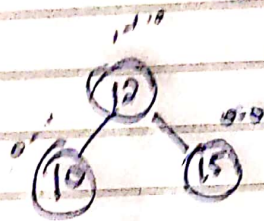
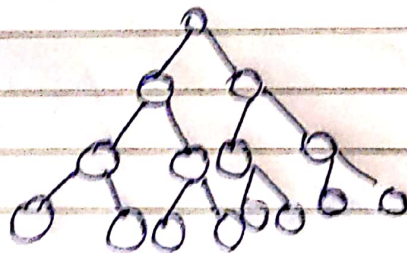


ONE

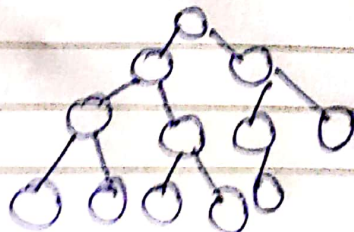
10, 12, 15



b) A full binary tree is a tree in which every node other than the leaves has 2 children.



A complete Binary tree is a binary tree in which every level, except possibly the last, is completely filled and all nodes on a level

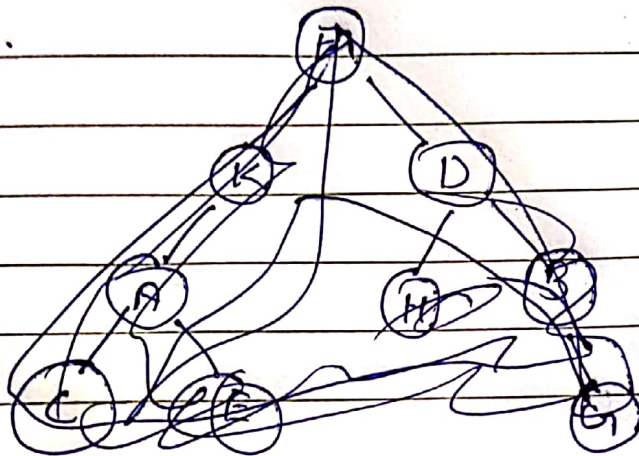


a) Max heap

- It is a complete binary tree

- the key value of each node is greater than or equal to the ~~key~~ key value

Ex:-

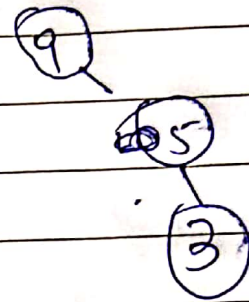


max tree

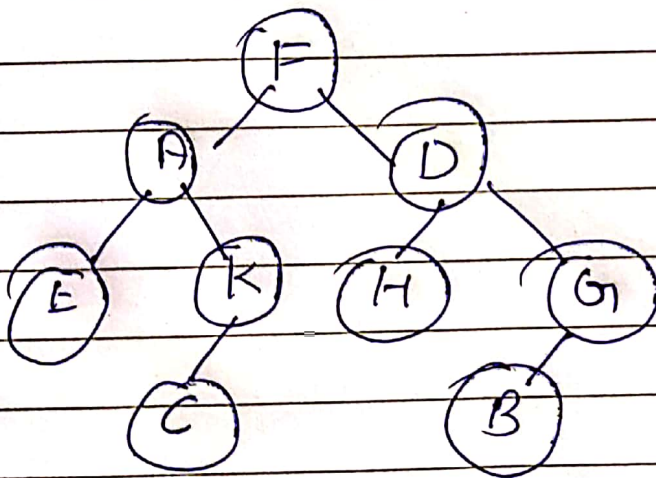
- Binary tree

- the elements in each node is greater than or equal to those of its children

Ex:-

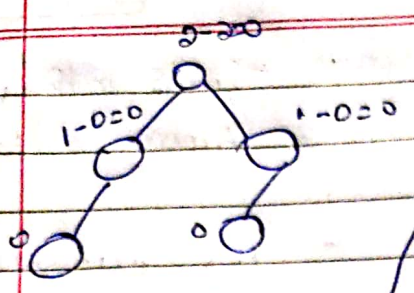


3)

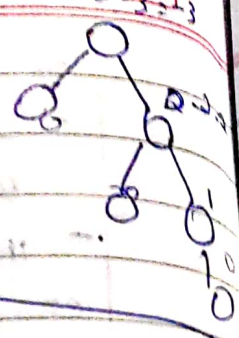
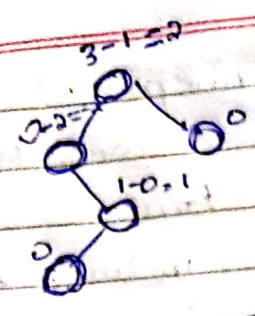


4) In a tree number of edges come into particular node is called In degree of the node
In degree of root node is 0.

Ex 1



Ex 2



Right Rotate

