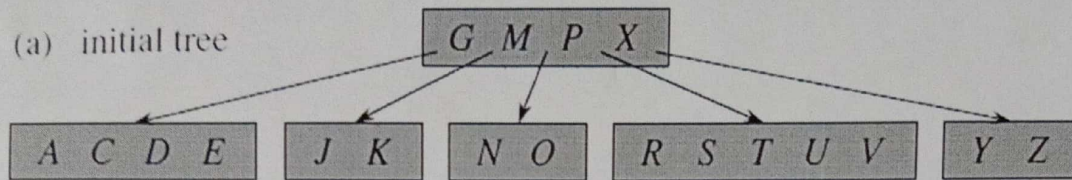


Example:

Insert keys B, Q, L, and F in order into the given below B-tree with minimum degree 3.

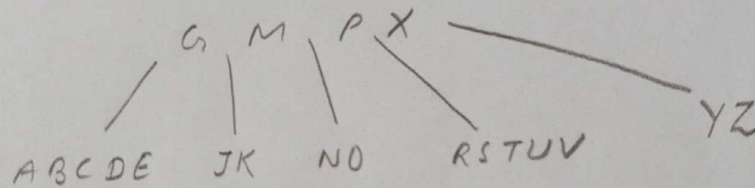
(a) initial tree



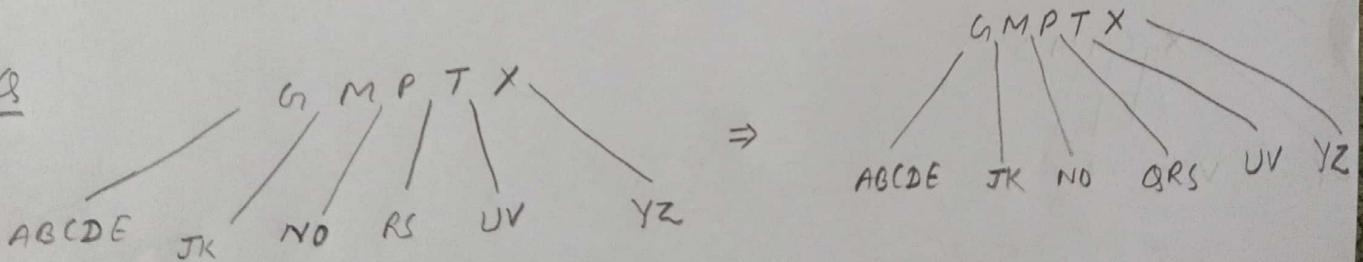
Solⁿ

Here $t = 3$ so a node can contain at most $(2 \times 3 - 1) = 5$ keys

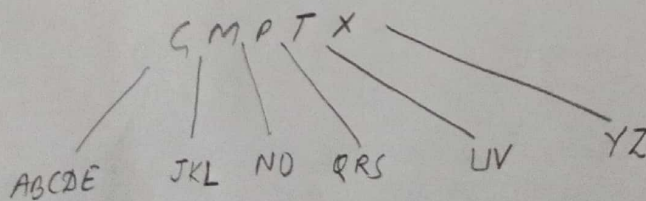
B



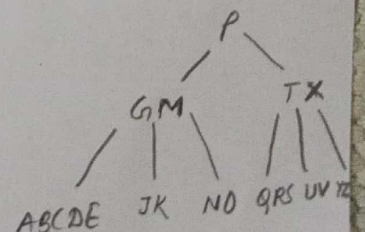
Q



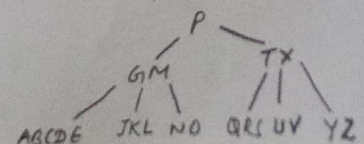
L



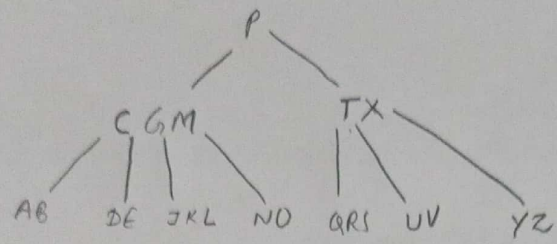
OR



\Rightarrow



F



Ans