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Class: BE IT			
Roll no: 12			
Subject	-: TSkab		
Dop	DOA	Marks	Sign
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* Alpha Beta Prining
-> Alpha beta Pruning is a Scarch algorithm that seeks
to decrease the number of nodes that are evaluated by
the min max algorithm in it Search tree.
-> Alpha is the best value that the maximize Can
guarantee at that evel or above
-> Beta is the value that the prinizer wars (corrently
Can quanantie at that level on above
Parles and Londition.
> The max player will only copolate the value of alpha.
-> The min Player will only update the value of beta
we will only pass the alpha beta values tothe Child
Podes
-> node Values will be passed to copper modes intend of
values of alpha and bety values to the child nodes
) Node values Condition to prime; a7,5 or 639
Q:13
13 0:00
$\beta = 1$
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
1 1-10 1-6 13 19 1-10

Max node at depth level 2 $1. d(-\infty_1) = 1$ d (-00,-10) = -10 d (1,-10) =1 2 B(00,1)=1 3) $\alpha(-\infty, -6) = -6$ $\propto (-\infty, 13) = 13$ d(-6, 13) = 134 d(1,13) $\angle \left(-\infty, -19\right) = -19$ $\alpha(-00, 13) = 13$ $\propto (-19, 13) = 13$ 6 d=19, B=13 ": 27 B the next Child is french d=-00 B=1 B becover I have as it is a Min Made and get the value from the Max node below. d=1 , B=13 B becomes 13 cas it is a trin Rocke and gets the Value from the Max node before Max rade (topl: X=B, B=00)

