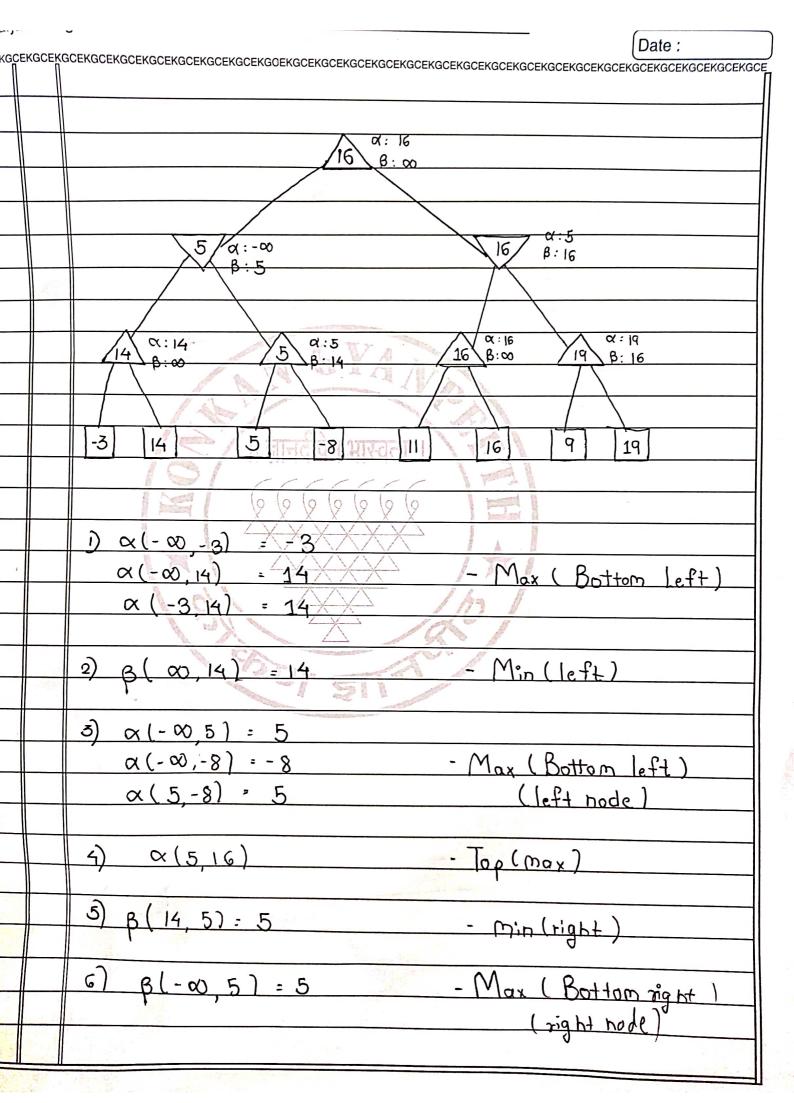
K.G.C.E. Karjat - Raigad

Alpha-Beta Pruning

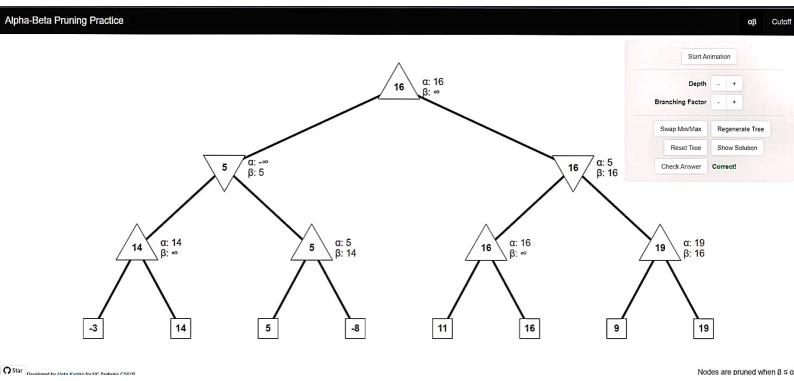
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ROIL No.: 26	Date:
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Alpha-Beta Pruning:	
A	
Alpha-beta pruning = Alpha bet a modified session of the min	a prubing is
a modified session of the min n	nax' sign. I
is an aptimization technique for th	re min max
algorithm.	
CVA	
Alpha (x) = The text (high value) Thitial value of alpha	
Ibitial Value of alpha	is -∞
IN COURSE OF STREET	*
Beta (B) = The test (highest value is Bela is)
= Thitial Value is Beta is	+00
Rules and Conditions	
The max players will only update	the value of
The alpha.	
2) The min players will only update	the value of
the Deta.	
3) We will only pass the alpha, beta	Values to the
Child bodes.	
4) Node values will be passed to the	upper hodes
instead of values of alpha & beta	
Condition to prune : a>b or b≤a	
When alpha is greater than or equal	to beta
/	



at - Raig	Date:
EKGCEKG	CEKGCEKGCEKGCEKGCEKGCEKGCEKGCEKGCEKGCEKG
$\parallel \parallel$	7) × (5,1¢) = 5
	α (10 , $161 \cdot 16$
	8) B(00,16) = 16 min(right)
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	B = 16
	CVA
	9) X=16
	B 3 90
	x (5 16) = Wendlun Wood !! Solution
	99999



Nodes are pruned when β ≤ o