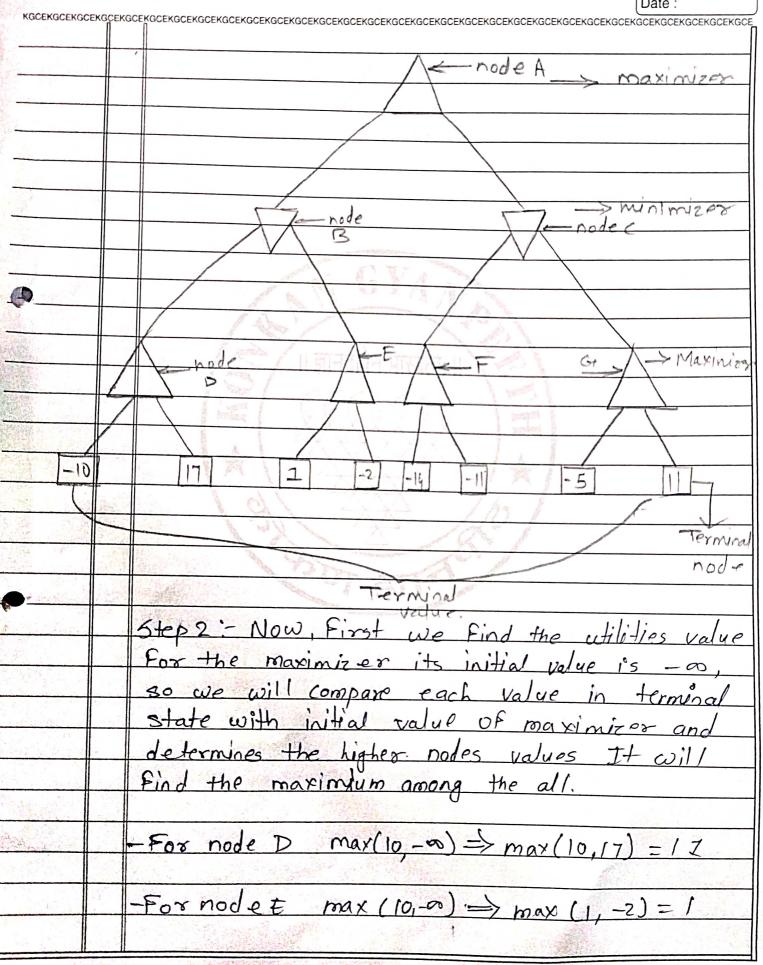
Page No.: K.G.C.E. Karjat - Raigad Date: Mini-max Agorithm (modula-3) Name: - Rutaja K. Sawant. Class :- BE-IT Roll no :- 57 Sub

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	-	1011
	-	Mini+max Algorithm (Module - 3)
	-	
	*	Mini-Max algorithm.
		Mini-max algorithm is recursive or backtracking
		algorithm which is used in decision -roaking and
in.		game themas The said and the
		game theory. It provides an optimal move
		For the player assuming that apparent is
		also playing optimally.
)		-Minimax algorithm uses recursion to search
		through the game-tree.
		- Mini-In this algorithm two players players play
		-Mini-In this algorithm two players players play the game, one is call MAX and other is
res.		called MTN. 2 9 9 9 9
		- Min-max -1
		- Min-max algorithm is mostly used for
		gameplaying in AI. Such as chess chess, checkers, tic-tac-toe. This Algorithm Compules
	特別	checkers, tic-tac-toe. This Algorithm compules
		the minimax decision. For the current state
) A	ali n	Step 1: In the first step, the algorithm
		a enerote the entire and to
		generate the entire game-tree and apply
		The willing to get the willing
		the utility function to get the utility values for the terminated states In the
		below free diagram lefs take A is the
	200	INTIAL State OF the face, SUPPOSE maximi-
	Sec.	takes first turn which has worst case initial
		value = - infinity, and minimize will take
	4.7	nort the will I
		next turn which has worst-cose initial
	31	value - tinfinity

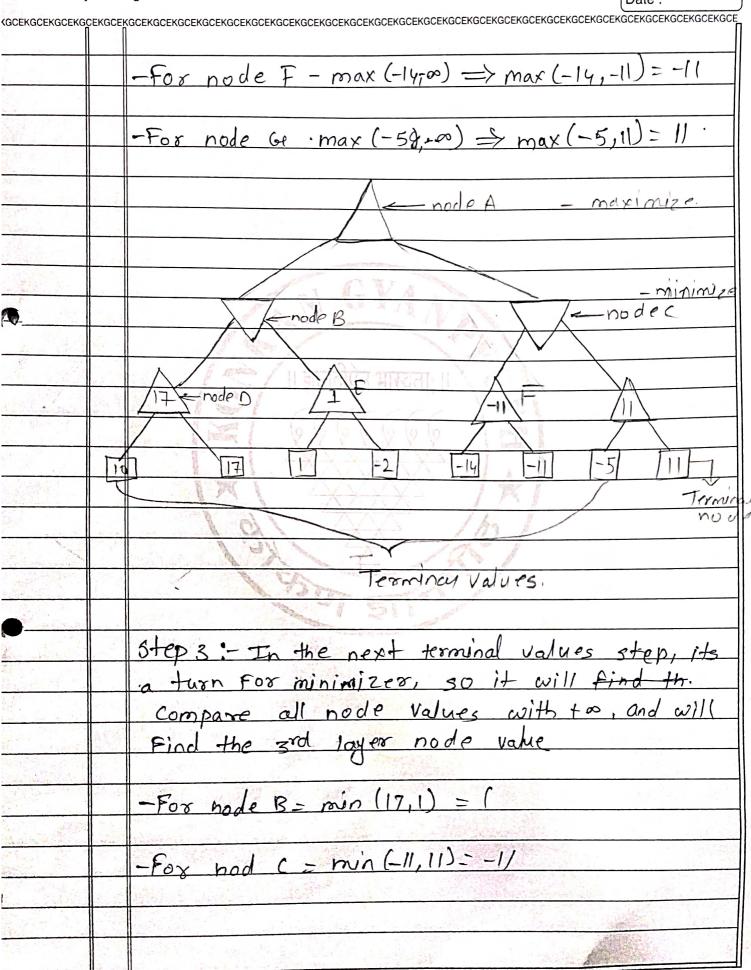
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		_
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	/ - node A -> maximize	_
Lyist r	1 1 - node B minimb	e
, v		
	rode Lat Late hard	
	11 -> ma	100
	7 2	C
	10/0/0/0/0/0/0/0/0/0/0/0/0/0/0/0/0/0/0/	
		-
	10 17 2 -2 -14 -11 -5	Ь
7		'
	CI CA /A	m
	no no	d
		_
1	Terminal value.	
	That was the complete workflow of the minimax algorithm with two player game.	
	minimax algorithm with two player game	
	Transfer against a pragas game.	
1		
		=