Name! - Prilam. R. Taralkar

(lass! - BF-DT

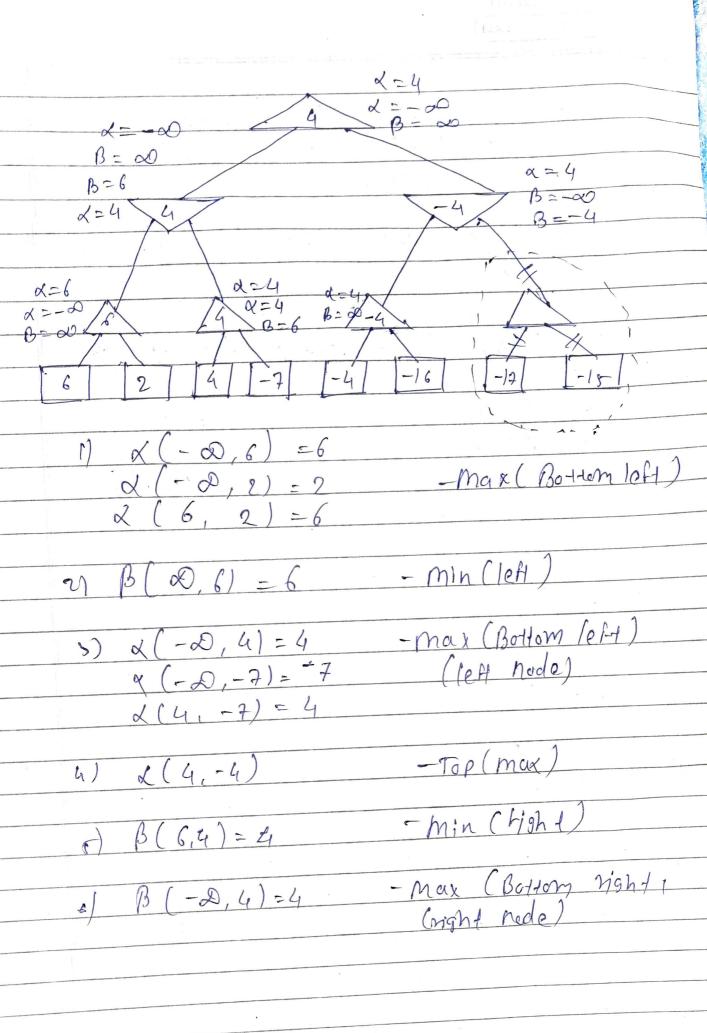
Roll 10! - 71

Subject! - Ts Lab

Dop Don Remark Sign

Alpha-Beta Buning:-
1918ha-1801a pouning = Alpha hele Pryning
Alpha-Beta Pouning = Alpha hela Pouning is a praditied Version of the min max
algenithm It is a estimigentian technique for the minmax algo.
For the minmax alga.
- Alpha (N) - the last (1/2)
Milla (d) Mgh Value)
- Alpha (a): the best (high Value) = InHial Value of Olpha 15-D
- Beta (B) = the hest (highest Value) = Initial Value is Beta is too
= Initial Value is Beta is + x0
- Rules & Conditions:
- Rules & Conditions:  Dhe max Player Will only Update He Value of Oleha  On the Dair Player Will I would be
volue of alpha
al Han Daire Player 0111 1 contra
2) the min player aill only update the
B) (10 (1) con 1 h /1 / 1 / 1
B) Ge will only trass the olpha, here
Value to the Child Rode,
nodes instead of alpha & beta
hodes instead of alpha & beta
- Condition to june : a > b & b & a
- then alpha is greater than or equal to
beta.

St. Commercial St.



$$2)$$
  $2(4,-4)=4$   
 $2(4,-16)=4$   
 $2(-4,-16)=-4$ 

8) 
$$\beta(Q, -16) = -16$$
 min (  $\frac{nght}{}$ )
$$A = 4$$

$$\beta = -4$$

$$A > B$$
The next node is truncof

g) d=4  $\beta=\infty$   $\chi(4,-4)=4$ Solution

