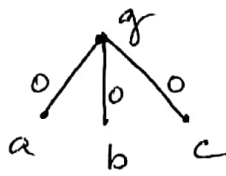


$N=4, t=0$



General decides 0.
a, b, c decide 0.

IIa $N=4, t=1$

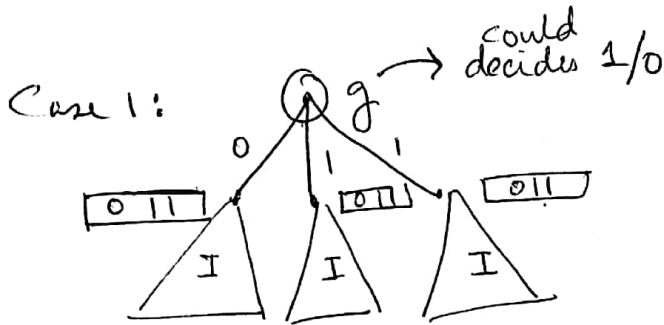
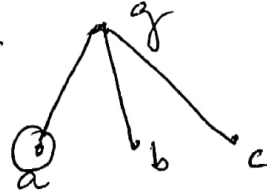
Two cases

Case 1



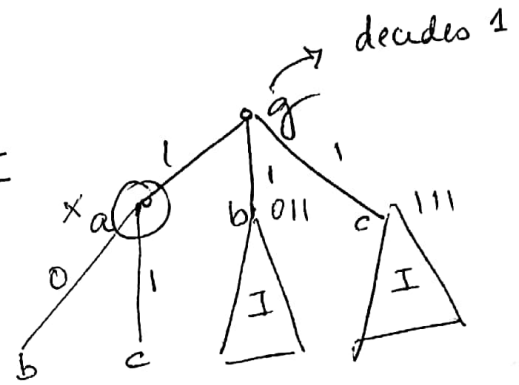
OR

Case 2



loyal a, b, c decide 1

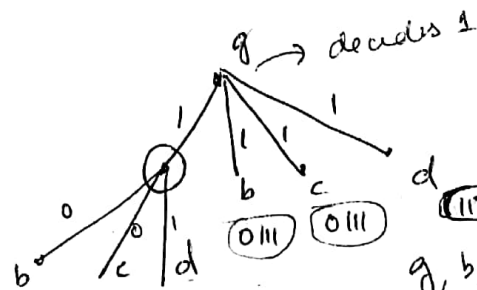
Case 2



g, b, c decide 1

II b

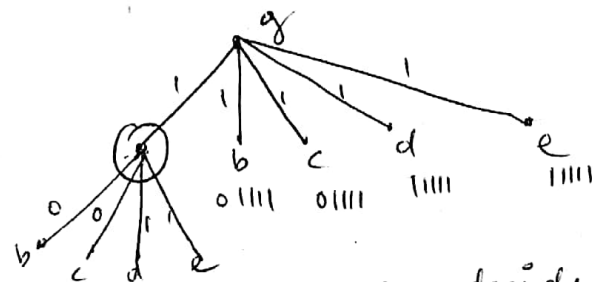
$N=5, t=1$



g, b, c, d decides 1

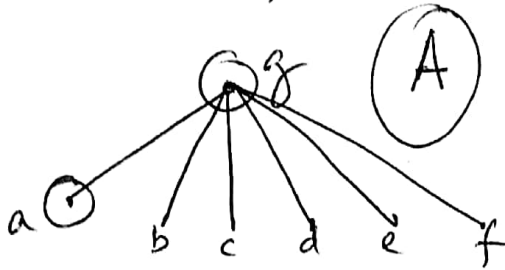
II c

$N=6, t=1$

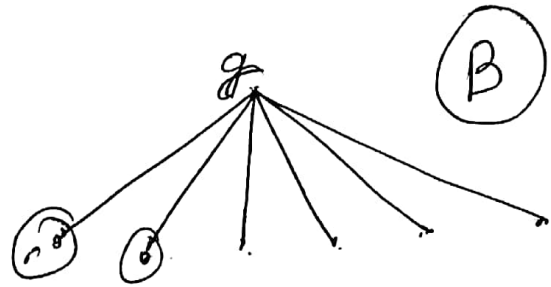


g, b, c, d, e decide 1

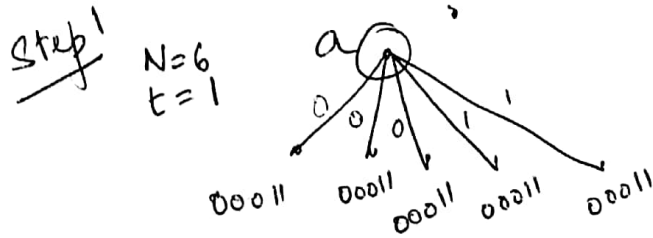
III $N=7, t=2$



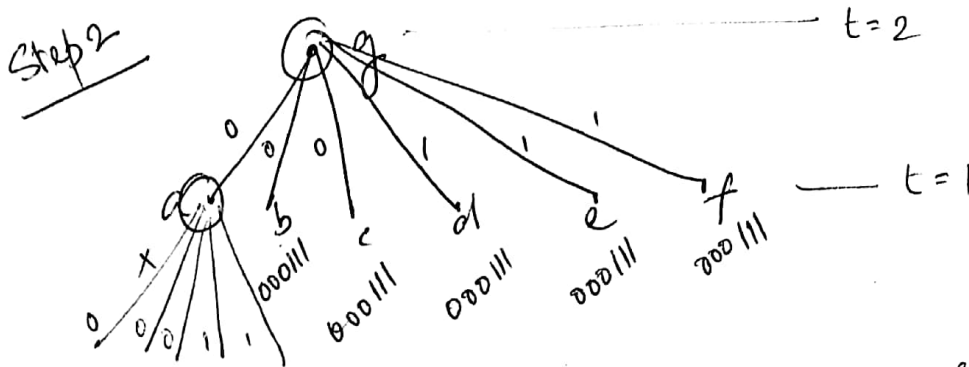
OR



(A) Consider subtree of $N=7, t=2$ at 'a' which is same as II c.

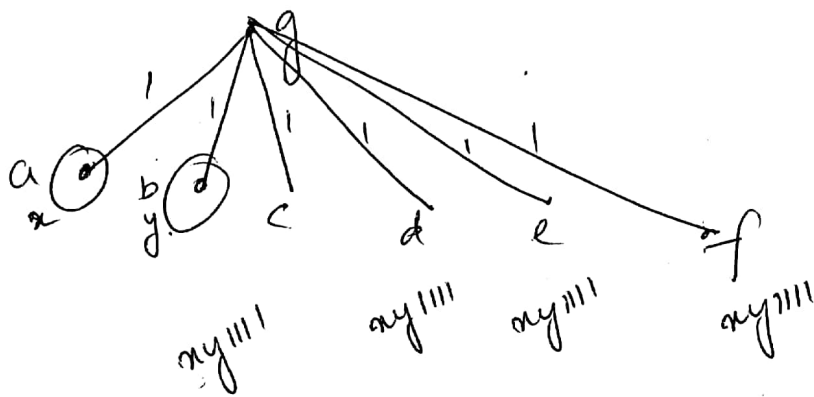


Thus b, c, d, e, f all understand the same values in their vectors.
Hence all know what is the majority and thus what a would decide (assuming a is loyal)



Thus b, c, d, e, f decide on $f(000111)$ where f is some function applied.

(B)



δ'' c, d, e, f, g decide on func(xy 1111)