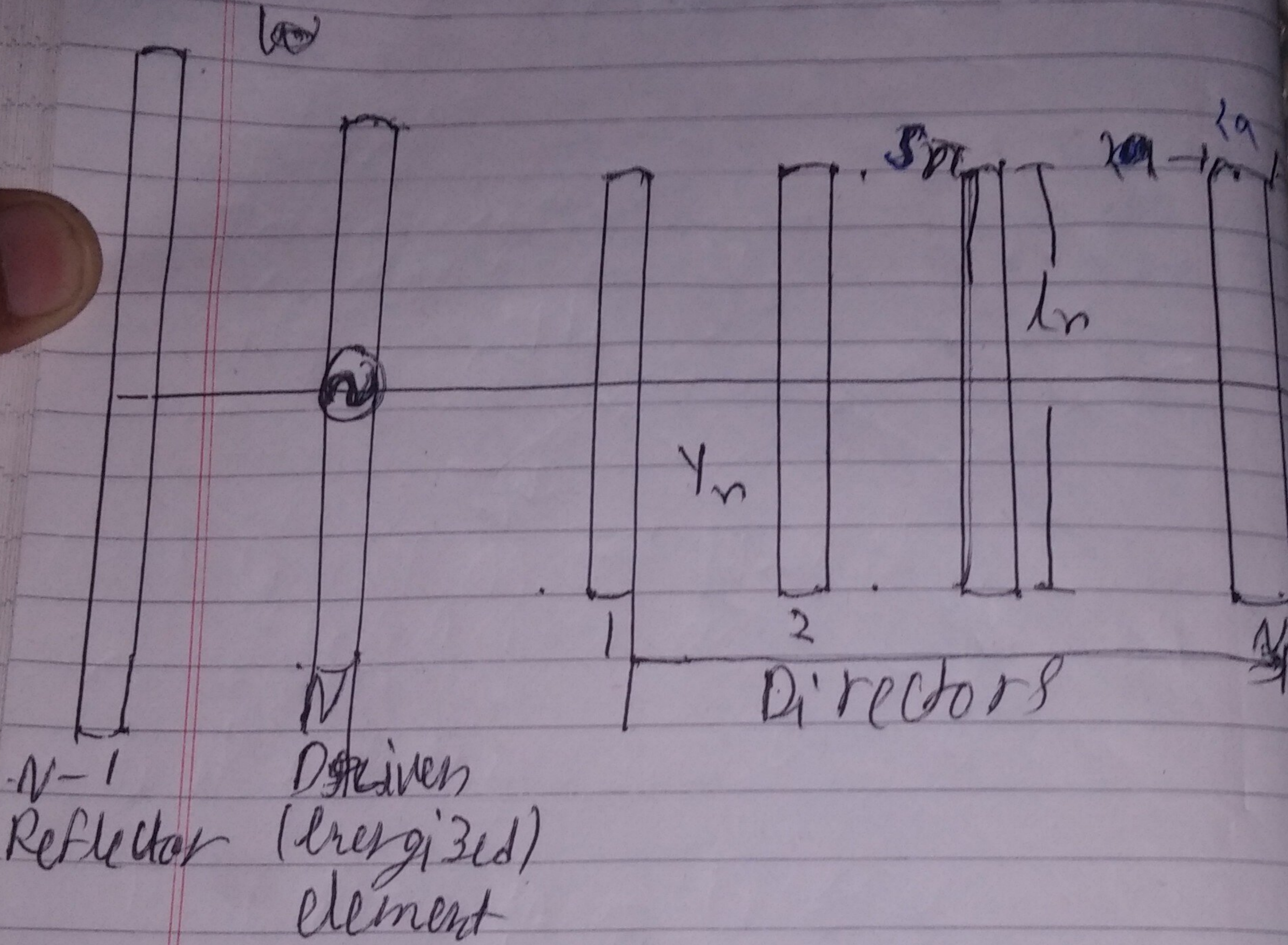


(1)

Q1 (a) with a neat sketch the construction and working of YAGI-UDA antenna

Ans: YAGI-UDA:-



It is directional Antenna used in communication when the freq. is above 10 MHz

(i) N-1 Yagi antenna fed into L

(ii) N is driven (energized) element

(iii)  $l_n, l_n, N-2$  is a Director  
height is  $l_n$