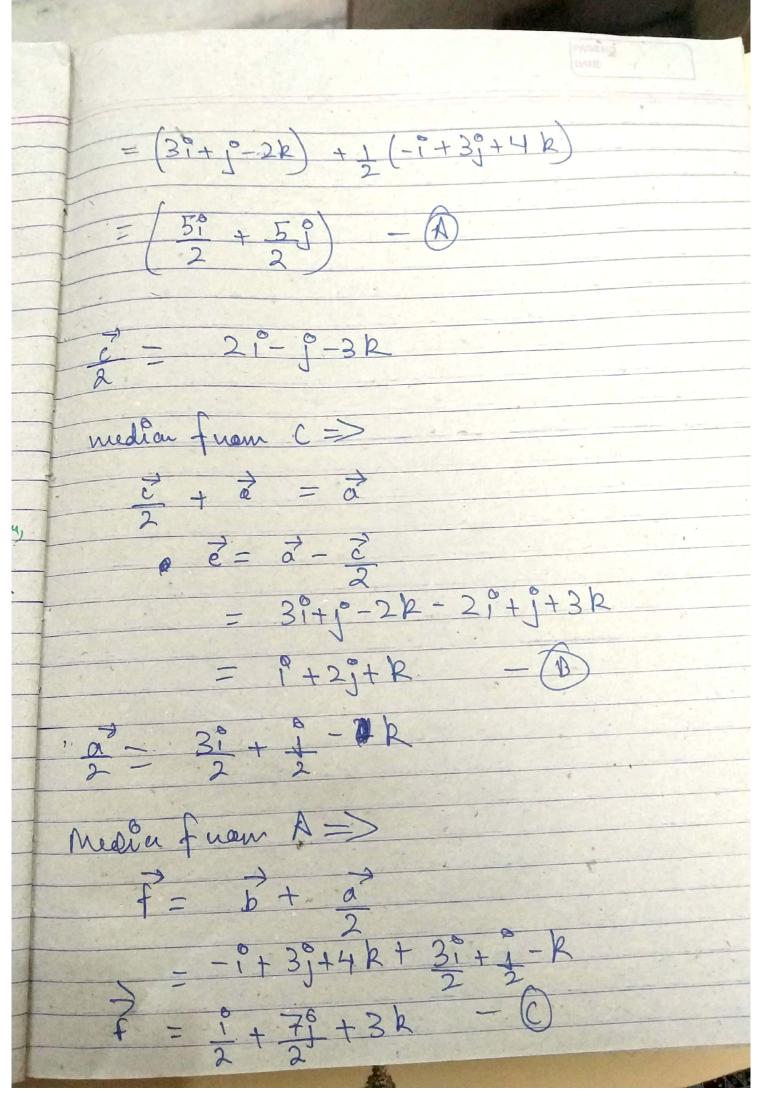
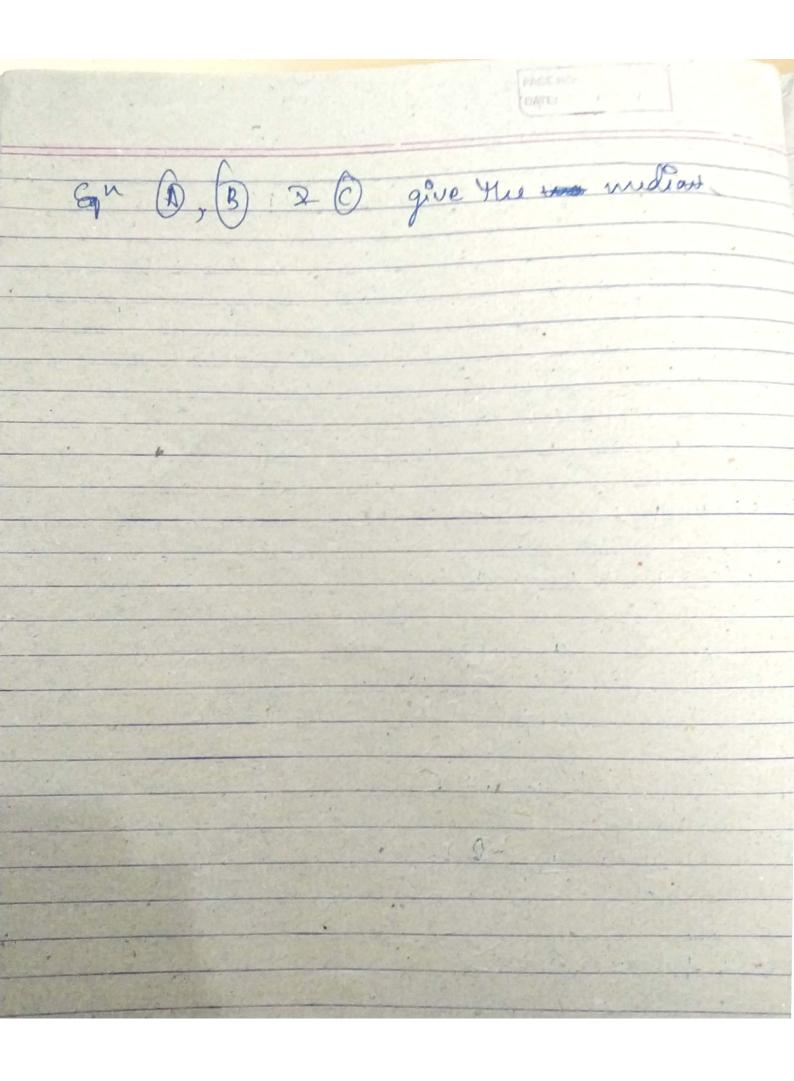
Prove that the vectors  $a=3^{\circ}+j-2k$   $B=-j+3^{\circ}+4k-7=4^{\circ}-2^{\circ}-6k$  can

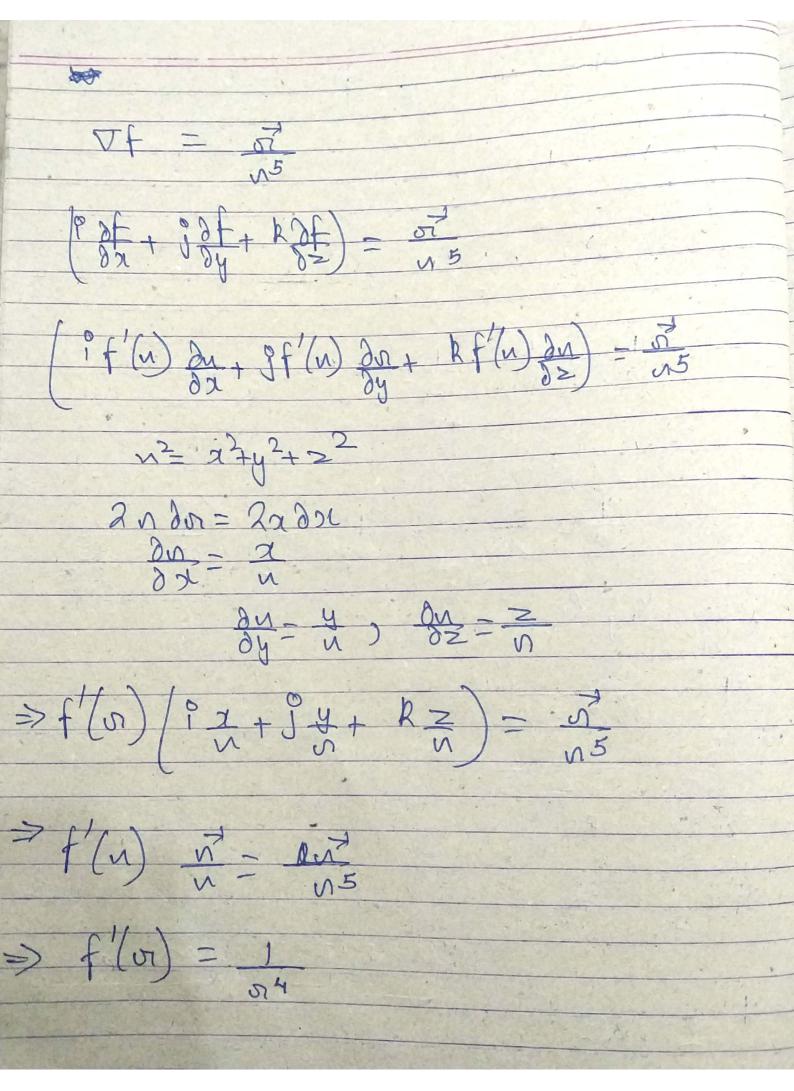
four the sides of though. Find the
lengths of the medians of the

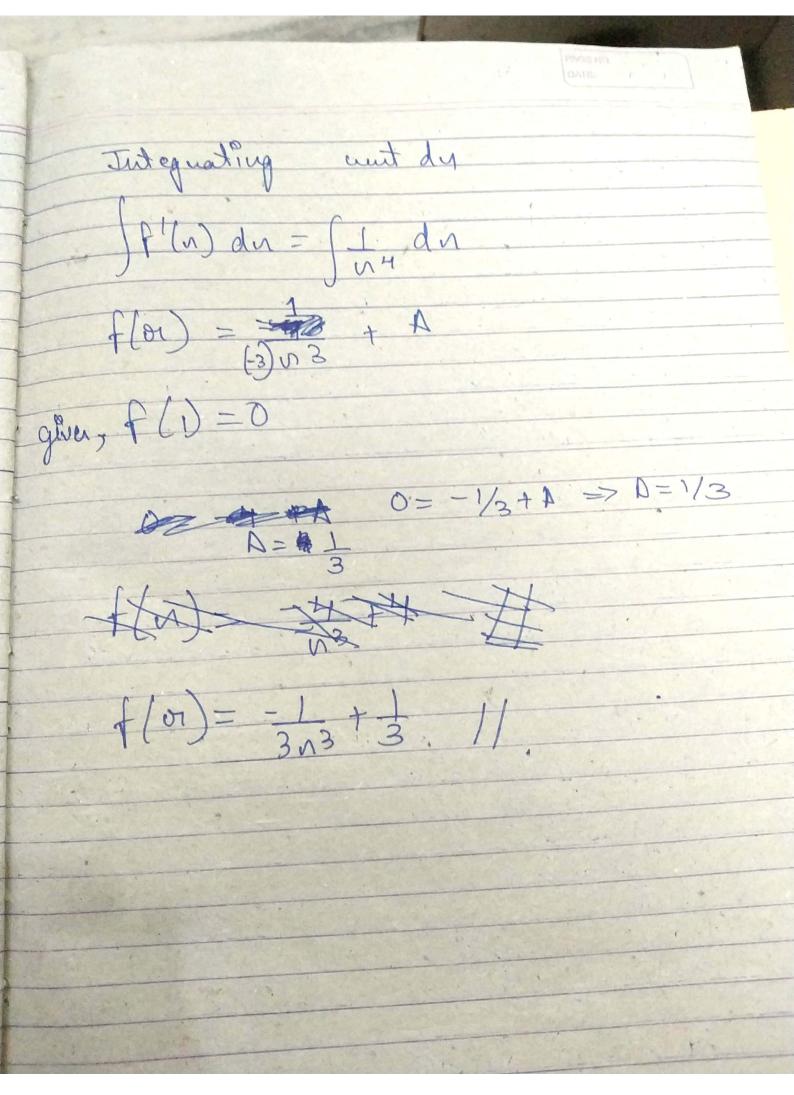
2016 Du 1 2 = 3i+9-2k B= -1+31+4R = 49-29-6R tram the triangle law of ito clean to see, (Also the pts are not colling, Huce, Huse 3 vectous form a towards. b = 1(-i+3j+4k) d= median from B



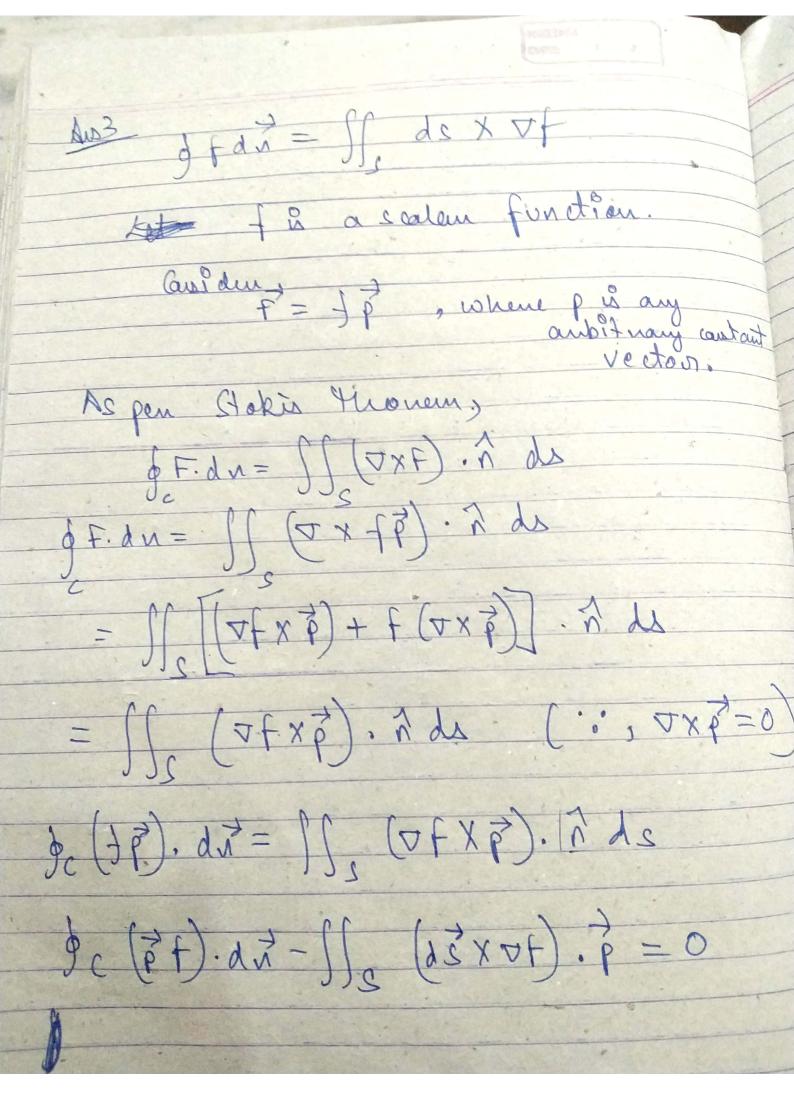


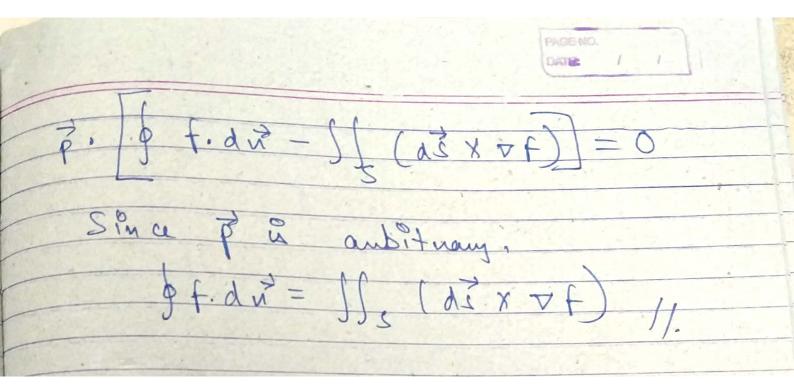
Ques 2 fond + (i) + bust \( \tau \) = \( \ta





ans de fân = IIs de x Vf Prave.





Over for the candid r=a (1+ last)

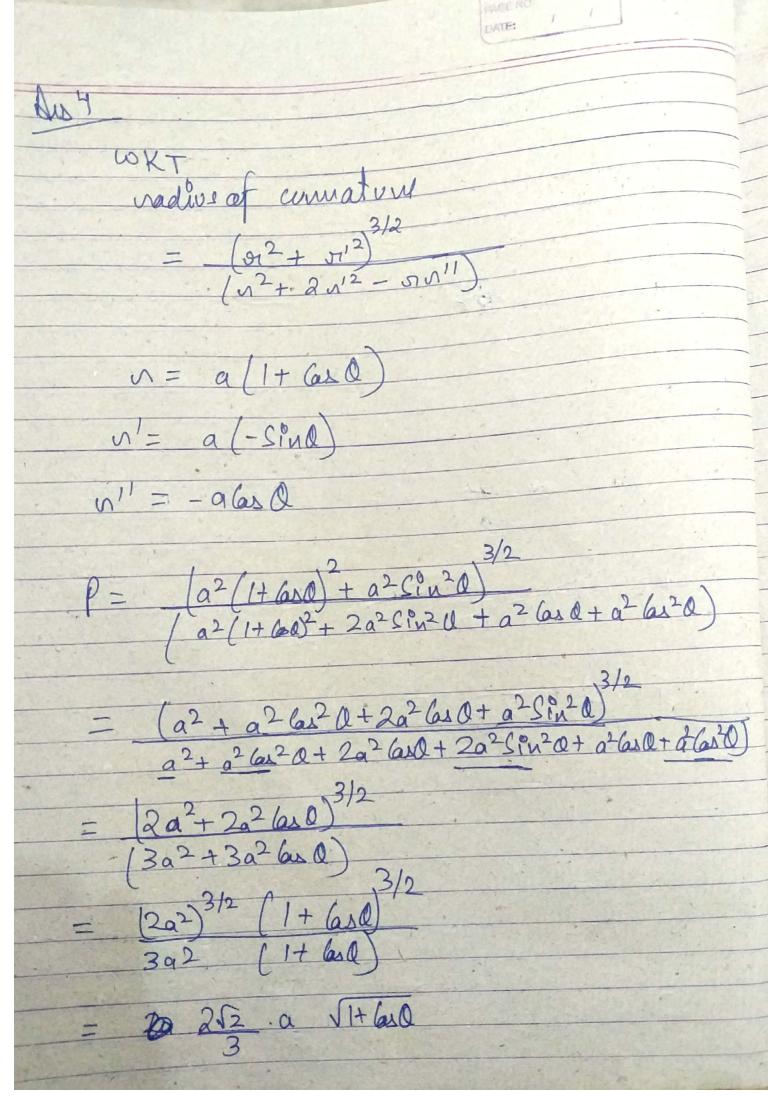
Show that square of radice

of writing at any point (r, a)

is proportional to r. Also find

The radius of writing if 0=0,

TT/4, TT/2.



a ( 1+ Casa) when 0=0  $\xi = 4a/3$ Nows When & = 17/4