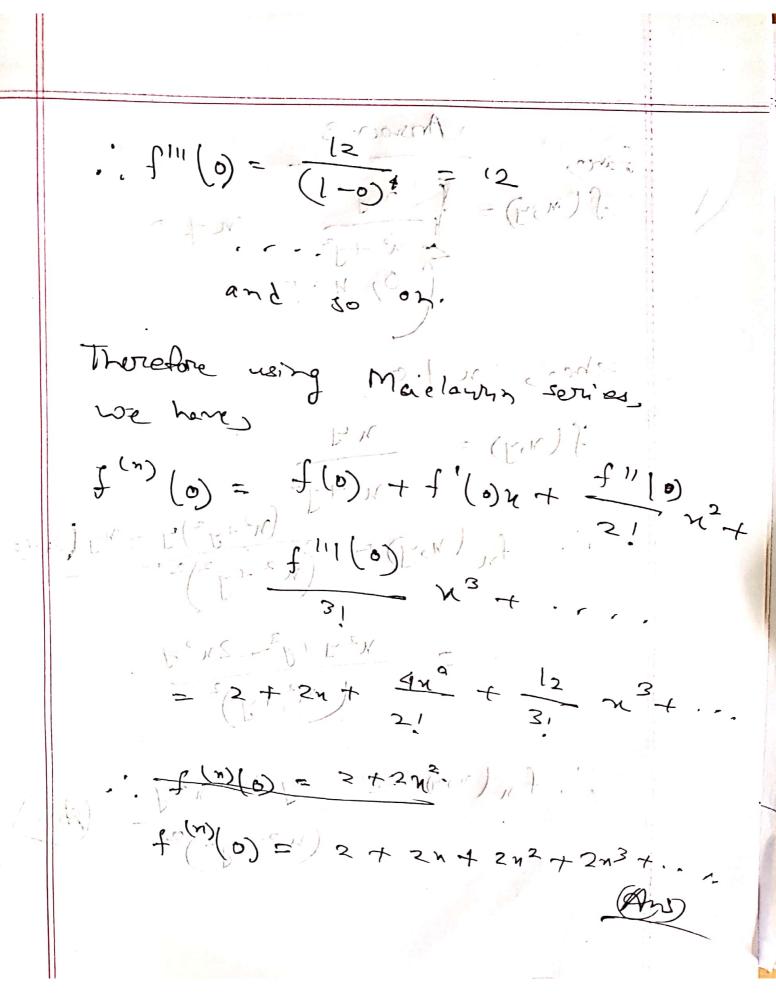
Answer - 1

$$f'(n) = \frac{d}{dn} \left\{ 2 (1-n)^{-1} \right\}$$

$$\frac{1}{2} - 2(1-h)^{2} (-1)$$

$$= \frac{2}{(1-y)^2}$$

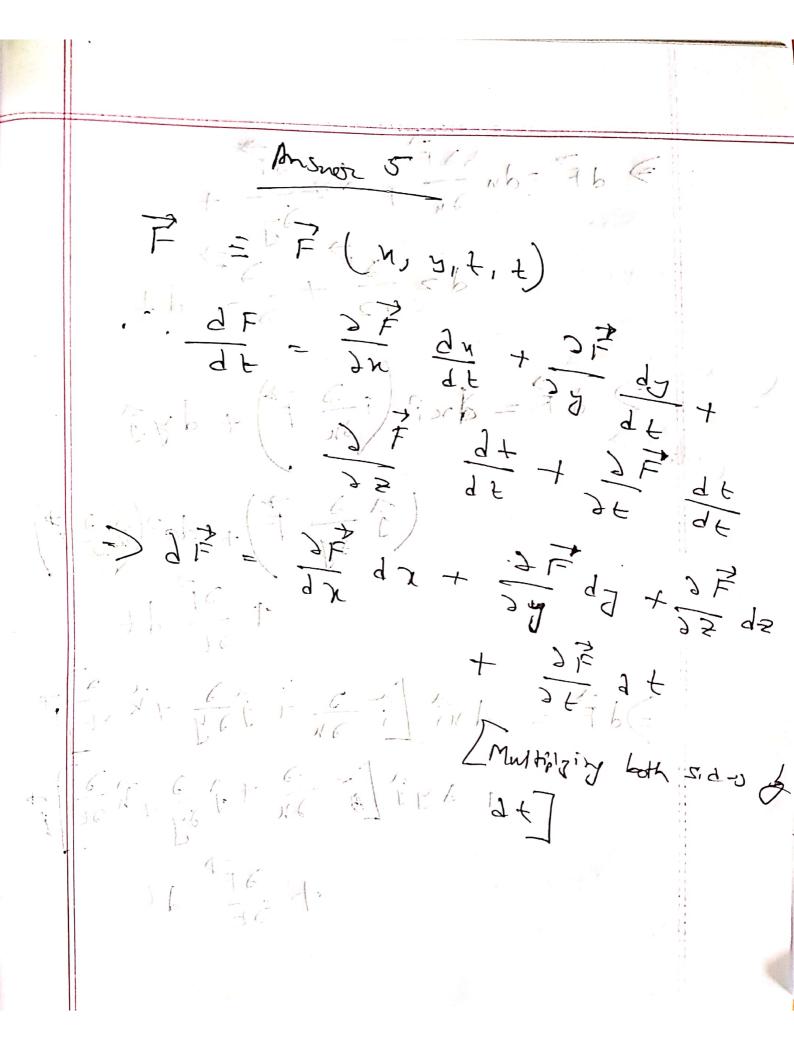


Answer - 2 ) proton ... Now differentiating we get dn (1-x2) At place have the targent AB. Now, LB = 60° LAABC 13 excepterent true slope of AB= ban60° ... J = 1 - x, = 1 - 3 = 4

 $P : S \left( \frac{\sqrt{3}}{2}, \frac{1}{4} \right)$ ( 1 (N-1) = 3 1/2 = tar) ] (1-1) = (N-1) = -1 - 4 - 1 ) 1 1 1 b (m) (m) "/ (1) -) " (x - 1) 1. " " / / 

Answer-3

 $f(n,y) = \frac{ny}{(n^2 + y^2)^2} \frac{1}{(n^2 + y^2)^2}$   $(n^2 + y^2)^2$ Ans



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Anonon-6

$$h(7) = \frac{c^2}{a} \left( \cosh \left( \frac{ar}{c} \right) - 1 \right)$$