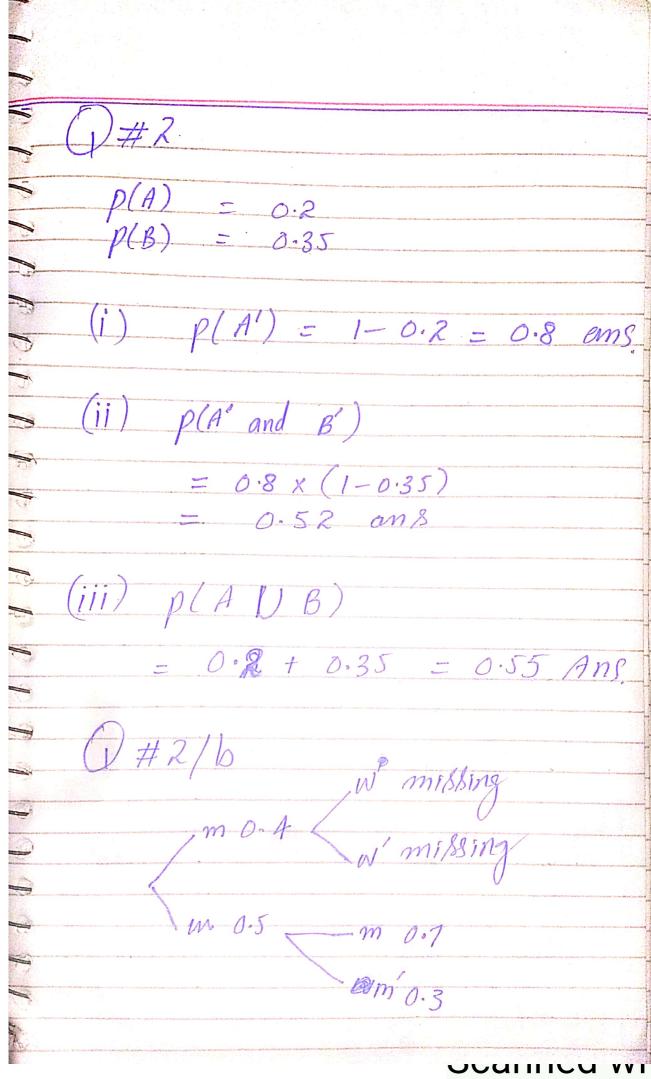
Probability & Statistics 191-1135 exeruse : {34,3H, WY, WN, SY, SN } WY, WN { (i) AUB: \$39, 3N, WY, WN, SY, SWS ADB : { WY, WN }



Julinica with Ca

()2# b/(i) plan (w) + plus (ans) W) = 0.7p(m()w) = 0.7 P(W) p(m () w) = 0.7xp(w) p(W () W) = 0.7 x 0.5 = 0.35 Ans. (ji) This Londition was missing p(w/m) (iii) p(w) + p(m) + p(wm') +p(w/m) 0:5+0.4 + 0.5 + 0.

Scarnica with Ca

142/b (iii) = P(mw)+P(wm) = 0.784 (0.4×05) + 0.3 #2/0 (S) = 13/52 = 1/4 p(D) = 1, p(C) = 1, p(H) = 1P(SD H CC) = 1 x + x + x + x + x + x +  $= \left(\frac{1}{4}\right)^{5} = 0.00098 \text{ Ans.}$