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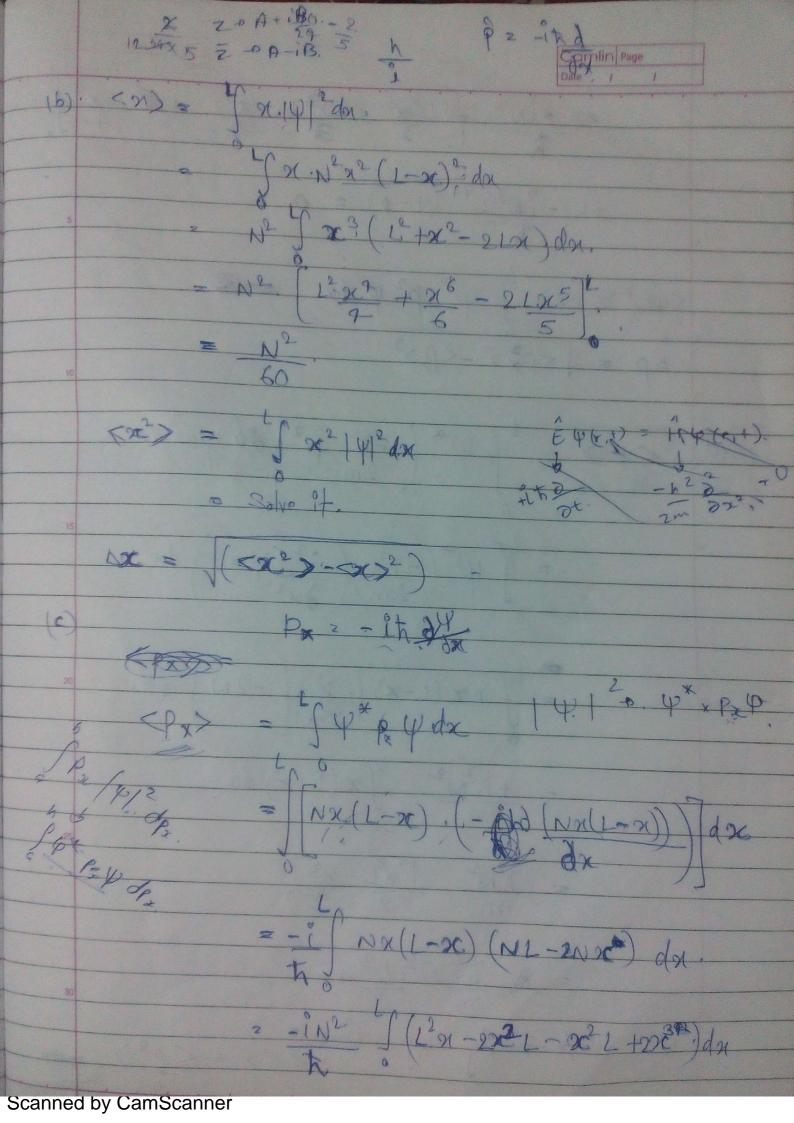
Q4. AXX AP 7th Fore Deximaxove h For P', Dol X mp X AVp = h 10 1. 0 10. $\frac{\Delta Ve^{-}}{\Delta Vp} = \frac{m_{p}}{m_{0}} = \frac{1667 \times 16^{-27} \, \text{kg}}{9.1 \times 16^{-21} \, \text{kg}}$ 05 Notes

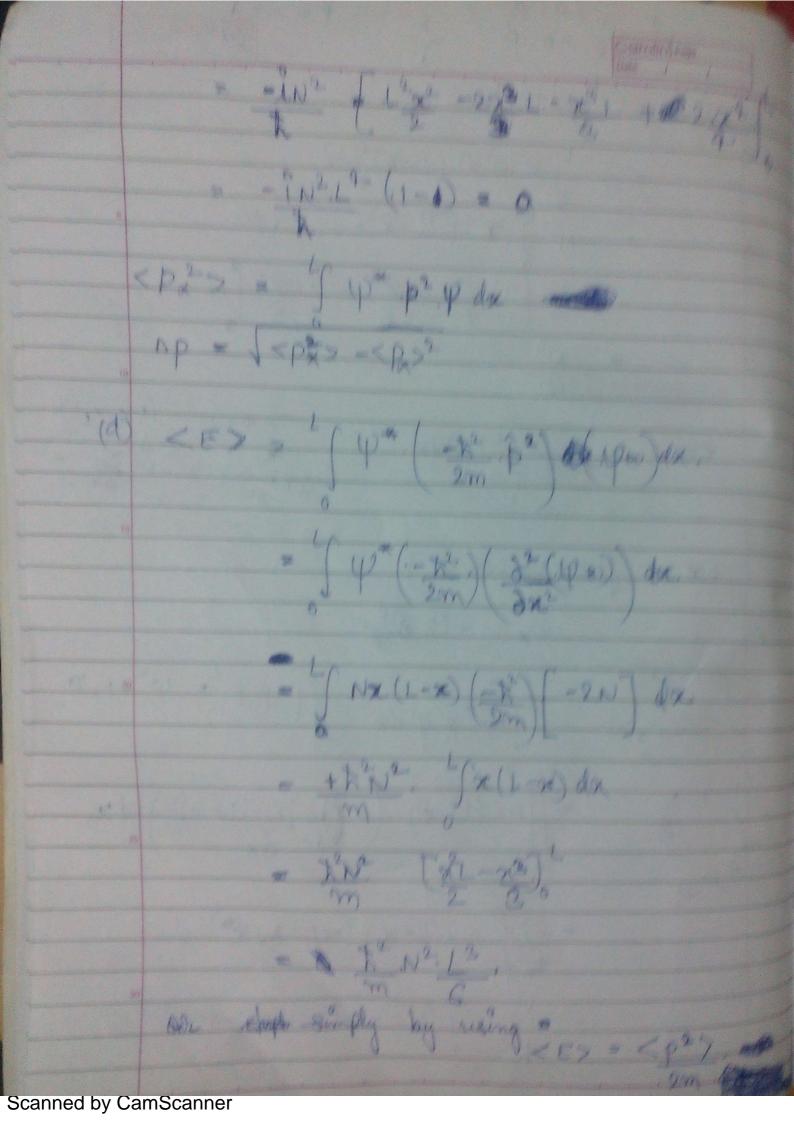
10 1) (must be continuous & single valuel. (2) de de de de l'angle must be continuous & lingle valued 25 3) W must be normalizable which means that

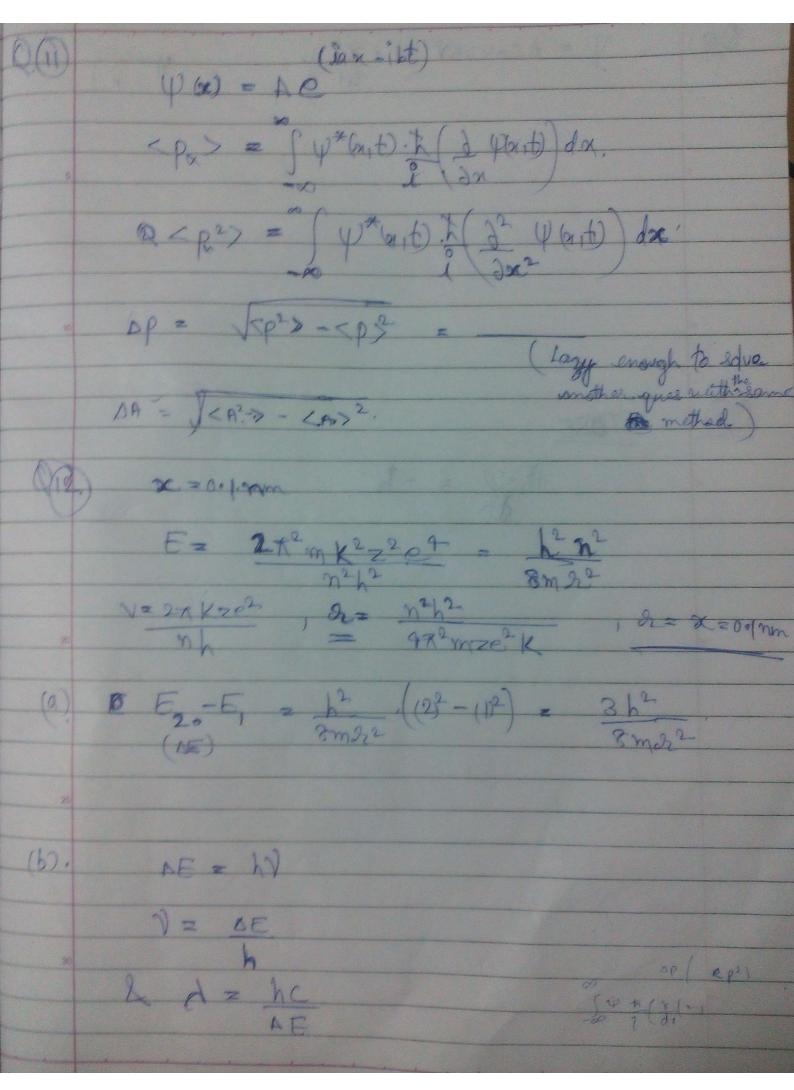
y must go to 0 ias n -> ±00. In order to that SIMI avor call the space be in finite constant. 300) Execus multiply 4 (Ort) by a constant say N , so Scanned by CamScanner

(a). Y's Asect (because it is discontinuous) y = Atenox Not a want of (discont.) OUP = Act descent for the conditions 400 of The satisfies condition that at x > x, y=0 (a) $\psi = Asinx$ It is a many of the satisfies control differ) $E\psi(x) = -h^2 \cdot \frac{3\psi(x)}{3x^2} + V_{(n)}\psi(x)$ Oro (a). As n > a, the defined 4 bo) is of after also start of finite constant

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