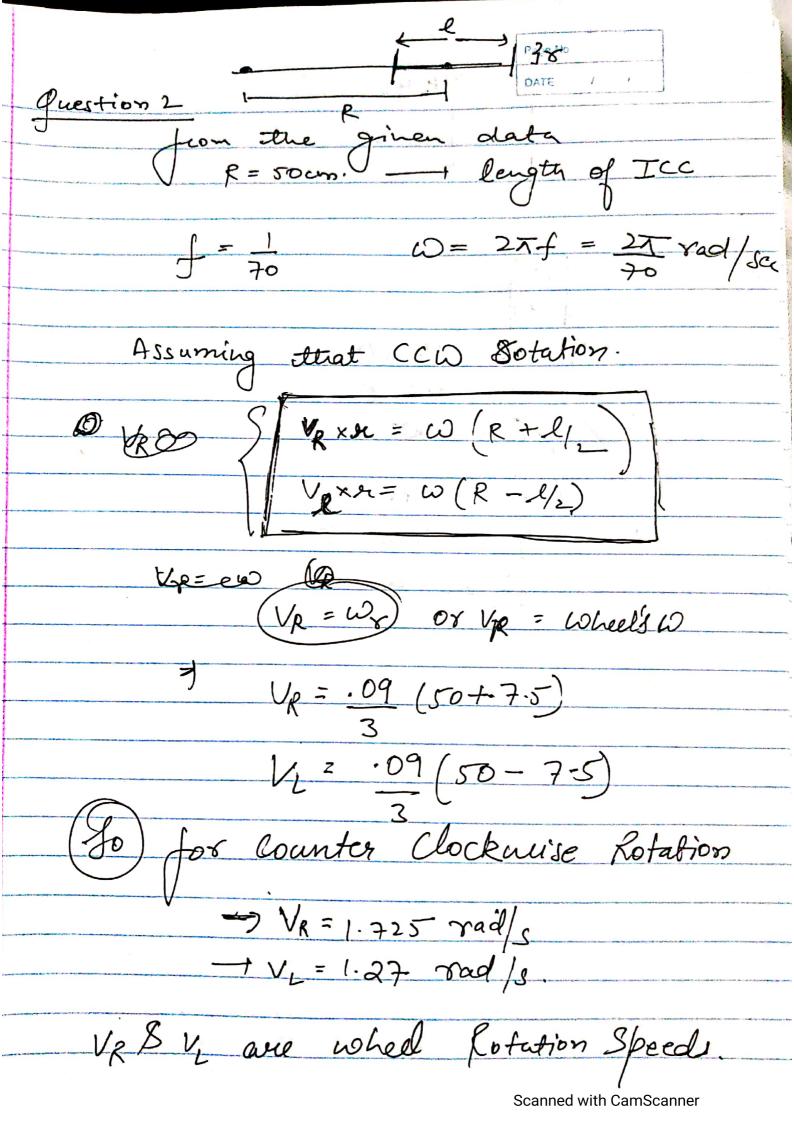
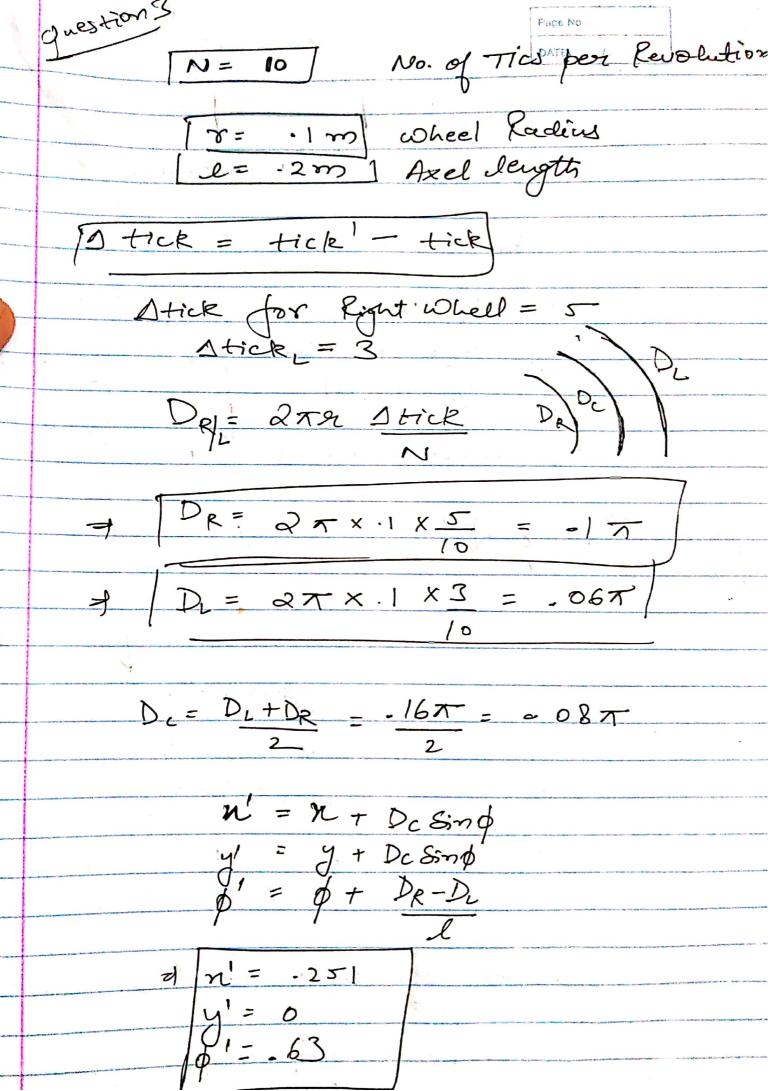
13R wheel Rading Question ! l = 15 cm whell to wheel distance R= 3cm Dz= .1 &ad/5 (a) Vxb = 5 cm/s n= By (4+ Ve) cosp & By Both y = 8/2 (V+Ve) Sind V = /2 (Vx+Ve) φ = R/L (Vr-Ve) V= 8/ (Vy- Va) By unicycle Model. [4050 0] [V] Sino 0] [W] rom egns. 1 Vor +ve = 10/3 ·· Vx= 1.915 rad/s VL = 1.415 rad/s Similar to part a. Substituting Value we get Vy+V = -1.5 9 Vy=0 rad/s

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