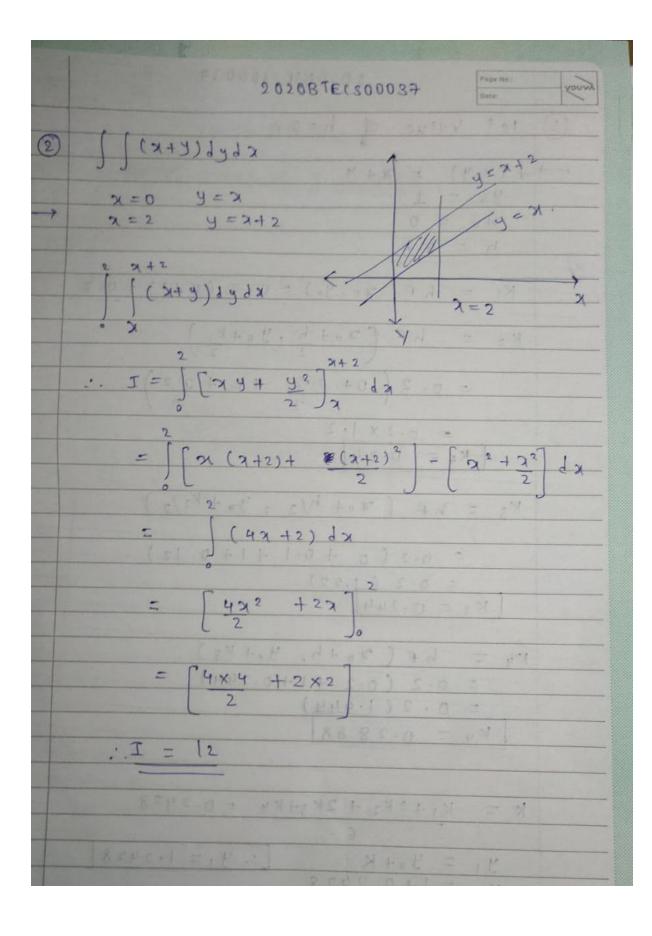


2020BTE(S00037	Page No Date:
$I = \frac{1}{2} \int e^{-t} t^{-1/2} dt$	
·. I = 1 1/2	
: I = K TT /2.0= W 212 212 212 212 212 212 212 212 212 2	09
$\infty = \kappa \text{ of } \ell = \kappa \text{ thus}$ $\omega = \kappa \text{ of } 0 = \kappa \text{ thus}$	î
xhvh y VK-9	



## 2020BTE(300037 let value of h=0.2 + f(x,y) = x+y 90 = 1 No = 0 h = 0.2 KI = hf(x0, y0) = 0.2 (041) = 0.2 $K_2 = hf\left(\chi_0 + \frac{h}{2}, y_0 + k_1\right)$ $= 0.2 \left( 0 + 0.2 + 1 + 0.2 \right)$ = 0.2 x |.2 K2 = 0.24 K3 = hf ( 70+ h/2, y0+ K2/2) = 0.2 (0 + 0.1 + 1 + 0.12) = 0.2 (1.22) K3 = 0.244 K4 = hf ( No+h, y.+ K3) = 0.2 (0.2 + 1 + 0.244) = 0.2(1.444) K4 = 0.2888 $K = K_1 + 2K_2 + 2K_3 + K_4 = 0.2428$ y1 = Y0+K .. 41= 1.2428 91 = 1+0.2428

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Approx value of y = 1.2428.	