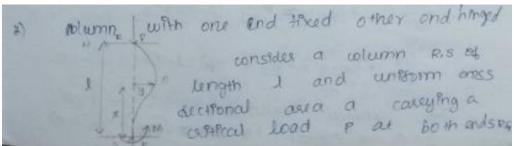
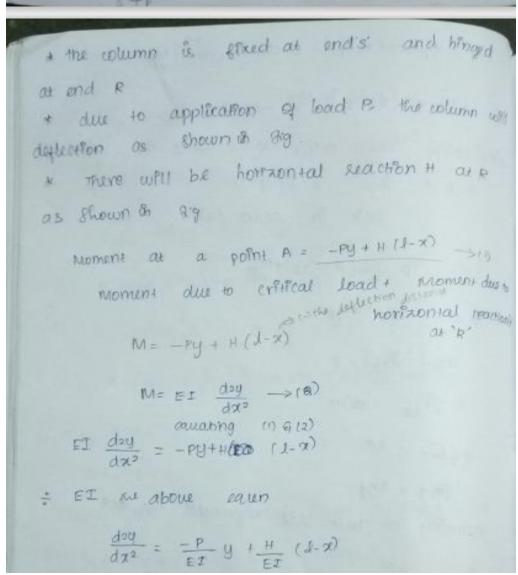


## SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)
COIMBATORE-641 035, TAMIL NADU







```
EI put above
                    eaun
             P/p on
      by
           · + PET y = HEI (d-2) XP/P
      122 + PEIB = PEIX +1/2 (J-2)
      y = A cos (2 VP/EI) + B sin /x (P/EI) + Mp/J-8)
                       the values of mg g
 At a pornt
      x=0; y=0 sub the values on general earn.
0 = A cos (0 VP/EI) + B sPn (0 VPE 1) + H/p (J-0)
0 = A (05(0) + H/P(J) -
0 = A + H/p (1)
    A = - 4/p(1)
 off the general eaun w.s. to 2
du = - A SIGN (a VPET) × VPET + B COS (a VPET) (VPET)
dy = - VPET A SPO (QVPET) + VP/ET B COS (QVPET) -+/P
 0 = VPEI X HYDASIN (O VPEI) + VPEI B CUS (OSPEI) - +/B
0 = VP/EI B - H/P
  #/P- BV9EI
B = # 10 VET/6
                A & b value in general earn
9 = - Hp 1 cos(x (P/EI) + H/p (EIp sin (x (P/EI + H/p(1)-x)
at a point R x=1; y=0 sub in about su
0 = -4/p) cos(1 (PEI) + 4/p (F) Sn(1 (PEI) + 4/p(1-1)
 D = +1/p 1 cos ( d VP/E) + 1/p VEI/p SPh ( d VP/EI) +0
    HAP I was ( I Tres) = +/2 JES/D SIM ( J FRES)
```

$$\frac{J}{\sqrt{ET}} = \frac{sin}{cos} \left( J\sqrt{Pet} \right)$$

$$J \times \sqrt{Pet} = tan \left( J\sqrt{Pet} \right)$$

$$J \times \sqrt{Pet} = 4.5 \text{ radio}$$

$$\sqrt{Pet} = \frac{4.5}{J}$$

$$squaxing on both side$$

$$P = \frac{40.85}{J^2}$$

$$P = \frac{40.85}{J^2}$$