## Solution: 21-5-7.3-M1-01

250N ZM,= (250)(1.6) -(100)(5)(25) +By(5) M= SCCNM 1.6 By= (300)+(800(2.5)-(250(1.6) By= 270 Nm W Ay = fac(5)(25) - 500 +(250)(6.6) -270 A= 400 Nm Utonm V = - 280+ 480 = 230 UB = 230 - 16 x = 230- 10d9) UB: ZFORM Vmin 7 0 = 23c-100 x Mg= -250 (1.6) = -400  $k = \frac{230}{100} = \frac{2.3}{100}$ Mg= =460+ \$ 730 -100x Mg = -400 = 230x - (cox = ) -400 + 230(5)-100(5)2 = -500 M= -400 + 230(2.3) = (-135.5) Nm

FIVE STAR.