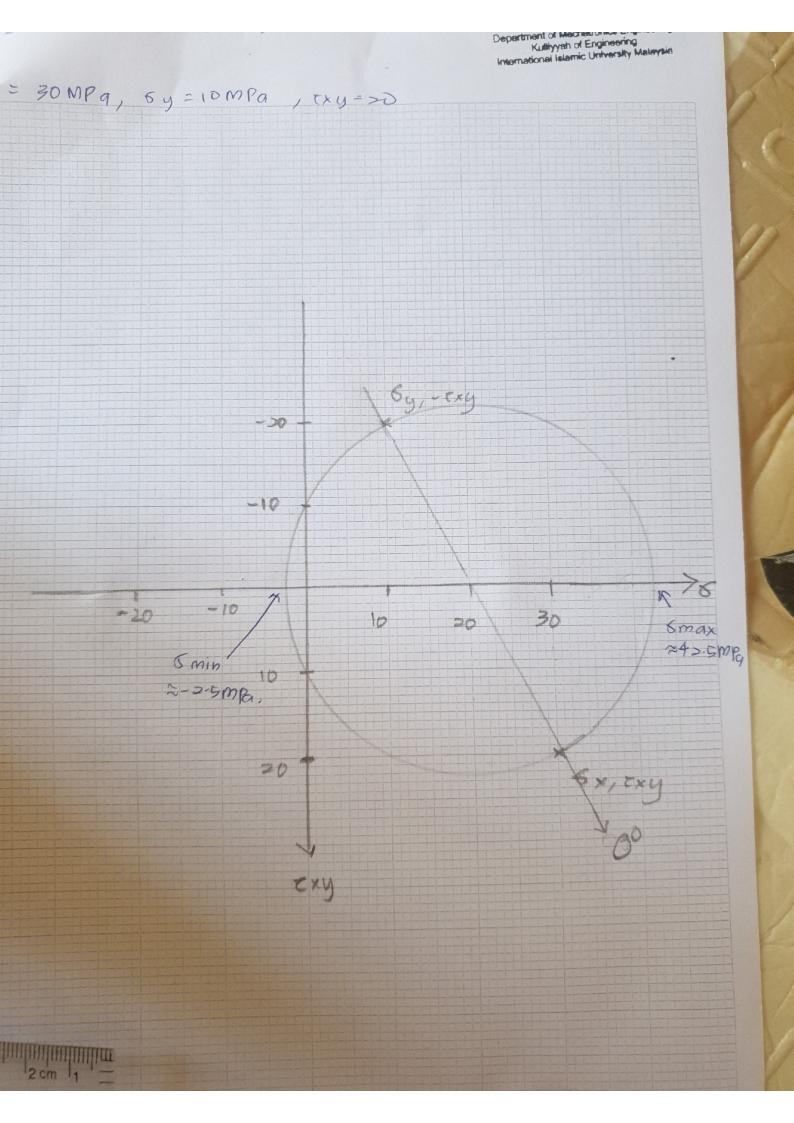
Ouiz 2 Solution PAGE MCTA 2332 E.g. matric number: 2134567, P=4KH, T=GKNM, outer dameter = 4cm, inner digmeter = 3cm. a) Fig 1 > 5 = P b) Fig 2, T= Tc J=# (64-64) 8 = 4 × 103 T(0.04)2 - D(0.03)2 = # (8.024 - 0.015.4) = 1.72 × 10-7 m4 = 7.28mpa. or Fram Talore A-18, J = 1 (0.044 - 0.034) = 1.72×10-7 m4 Tmax = 6000 (0.02) 1.72×10.7 = 697.67mpg Tmin = 6000 (0.015) 1.72 × 10-7 = 523,26MPq.



M CTA 2332 , DATE OUIZPAS Solution 1. E.g. matric number = 2134567, 64 mg, WEGENM JEKN/m. 1/22 +1 = Fy = 0, RI + R2 -6 (4) = 0. tDEM=0, 6(4)(2) -12,(4)=0. R2 = 12 EN / R1 = 12 EN -V(KN) J-12+12=0 12-(4)(6) =-12KN M(KNM) 1/2 (12) (2) = 12Hm 1=KHm -1/(>)(1=) (m)xx 0 2. FRM Table A-9, Beam 7. y= wx (2(, 22-, 23-13) = 62' (82 /23-64)