1. MRA = MC = (00 - 29A = 20 = 79A = 40 = 7PA = 60 MRB = MC = 80 - 29B = 20 = 99B = 30 = 9PB = 50 $TV = 60 \times 40 t 50 \times 30 - 20 \times (40 t 30) = 2500 = PS$ CS = CSA + CSB = 800 + 450 = 1250 j 76 = CS + PS = 3150 $TV = 2F + (P - 20)(9A + 9B) = (80 - P)^2 + (80 - P)^2 +$

2. EP= 100-8A =7 8 9A=100-P P= 80-8B=7 8QB=80-P

 $Q = g_{A} + g_{B} = 180 - 2P$ | $\theta = \frac{1}{1}$ | $\theta = \frac{1}{1}$

=(90-05Q)xQ-20Q

 $\frac{d\overline{u}}{dQ} = 0 = 0 \quad Q^* = 90 - Q - 20 = 10$ $Q^* = 5\%, \quad Q^* = 10$

TV = 55×70-.30×70 = 24,50

C5 = C5A + C513

 $C_{7A} = \frac{1}{2} (100 - 55) \times 45 = 1012 - 5$ $C_{7B} = \frac{1}{2} (80 - 55) \times 25 = 3125$ $C_{7B} = 12 \cdot 5 = 3125$ $C_{7B} = 12 \cdot 5 = 3125$ $C_{7B} = 12 \cdot 5 = 3125$ $C_{7B} = 12 \cdot 5 = 3125$ 由一階條件 P=30, F=1250, 9=120, Tv=37 CS=CS4 (P=30)+ CSB(P=30)-2F =2450+1250-2500=1200 TS=CS+PS=1200+3700=4900

TI, = -P2+60P +2800