經濟=甲 Ala8260075 許攤養

如果獨占廠南的面對的市場需求函數為 P=60-9,成本函数為70:309:

CS (A) 廠商採單一訂價, 求消費者剝餘、生產者 剩餘、總剩餘及無謂損失

MR-60-29, MC-30 = MR = MC

60-29=30 9=15, P=45 TL=15 x 45 - 70 x 15 = 225 C5: 15×15 : 112.5 P5: 675-450: 725 75: 112.5 + 225 = 437.5 無謂損失:

(B) 探究全差別取價時,非 CS. PS. TS.無謂損失 P=MC = 60-9= 40, 9= 40, P= 70 PS=1450-90=450 Tr. 10×10 + 30×10 - 20×20 TS= 450 無調損失四 = 1350-900

=450 C5=0

打單分割 7個價格 (C)採第二級差別取價時,求 CS、PS、TS、無謂損失

TV= (60-91) ×91+ (60-92) × (92-91) - 2092 = 609, -912 + 6092 - 609, -927 + 9192 - 3092 = -912+3092-922+9197

-291+92=0, to-292+91=0 => 9126, 92-70, P1=50, P2+6 T. toxlo+40x10-70x20:300

(D) 探第二級差別取價時,打氧分割成三個價格區間, 术 C5、P5、T5.無謂損失

Ti: (60-91)91+ (60-92) (92-91)+ (60-93) (93-92) - 3098 = 6091-91+6092-6091-92+9192+6093-6092-93+9293-2093 = -912-972-932+9192+9293+7093 -291+92=0, -292+91+97=0, -293+92+70=0 聯立非解 91=75,92=15,92=22.5 P1=52.5, P2=45, P2=37.5 TC= \$2.5 x 7.5+ 45 x 7.5+ 27.5 × 7.5 - 30 x 22.5 = 494.75 + 4775 + 281.25 - 675

= 437.5