ΟΙΚΟΝΟΜΙΑ Γ ΛΥΚΕΙΟΥ
07/10/23
ΠΑΛΙΑ ΤΜΗΜΑΤΑ

ΟΜΑΔΑ Α

Α1 Σ
Α2 Λ
Α3 Λ
Α4 Σ
Α5 Σ
Α6 γ
Α7 γ

ΟΜΑΔΑ Β

Β1 Σχολικό Σελ. 53
Β2 Σχολικό Σελ. 65

ΟΜΑΔΑ Γ

Γ2.

L	Q	AP	MP
0	0	—	—
1	8	8	8
2	22	11	14
3	60	20	38
4	96	(24)	36
5	(120)	(24)	(24)
6	132	22	(12)

ΧΡΗΣΙΜΟΠΟΙΟΥΜΕ ΤΟΥΣ ΤΥΠΟΥΣ

$AP = \frac{Q}{L}$ ΚΑΙ $MP = \frac{\Delta Q}{\Delta L}$

$AP_4 = Q_4/L_4 = 96/4 = 24$

$AP_5 = MP_5 \rightarrow \frac{Q_5 - 96}{5-4} = \frac{Q_5}{5} \rightarrow$

$5Q_5 - 480 = Q_5 \rightarrow 480 = 4Q_5 \rightarrow$

$Q_5 = 120$

$AP_5 = 120/5 = 24 = MP$

$MP_6 = \frac{132-120}{6-5} = 12$

Γ2 i) ΣΧΟΛΙΚΟ ΣΕΛ. 57

ii) ΜΕ ΤΗΝ ΠΡΟΣΘΗΚΗ ΤΟΥ 4ΟΥ ΕΡΓΑΤΗ ΔΙΟΤΙ ΤΟ MP ↓

Γ3. $VC = w \cdot L + c \cdot Q$

$VC = 3000 \cdot L + cQ$

ΕΧΟΥΜΕ $MC_5 = \frac{VC_5 - VC_4}{Q_5 - Q_4} \rightarrow$

$\frac{3000 \cdot 5 + 120c - (3000 \cdot 4 + 96c)}{120-96} = 525 \rightarrow$

$\frac{15000 + 120c - 12000 - 96c}{24} = 525 \rightarrow$

$3000 + 24c = 12600 \rightarrow$

$24c = 9600 \rightarrow c = 400$

(ΑΡΑ)

$TC_5 = ATC_5 \cdot Q_5 = 700 \cdot 120 = 84000$

$VC_5 = 3000 \cdot 5 + 400 \cdot 120 = 63000$

$FC = 84000 - 63000 =$ 21000 €

ΟΜΑΔΑ Δ

	P	Q_D	Q_S	
A	600	800	2000	$\rightarrow E_D = -1,5$ $\rightarrow E_S = 1,2$
B	700	600	2400	

ΔΙ $\quad Q_D = \alpha + \beta P$ (1) $\qquad Q_S = \gamma + \delta P$ (2)

Εκ: $E_D = -\frac{3}{2} \rightarrow \frac{Q_D - 800}{700-600} \cdot \frac{600}{800} = -\frac{3}{2} \rightarrow \frac{Q_D - 800}{100} \cdot \frac{600}{800} = -\frac{3}{2}$

$\frac{Q_D - 800}{400} \cdot \frac{6}{} = -3 \rightarrow$ [illegible]

$\frac{Q_D - 800}{200} \cdot 3 = -3 \rightarrow Q_D - 800 = -200 \rightarrow \underline{Q_D = 600}$

Εκ: $E_S = \frac{6}{5} \rightarrow \frac{Q_S - 2000}{700-600} \cdot \frac{600}{2000} = \frac{6}{5} \rightarrow \frac{Q_S - 2000}{100} \cdot \frac{600}{2000} = \frac{6}{5} \rightarrow$

$\frac{Q_S - 2000}{100 \cdot 20} = \frac{1}{8} \rightarrow Q_S - 2000 = 400 \rightarrow \underline{Q_S = 2400}$

ΑΡΑ

(1) $\xrightarrow{A}$ $800 = \alpha + 600\beta$ } (-) $200 = -100\beta \rightarrow \beta = -2$
(1) $\xrightarrow{B}$ $600 = \alpha + 700\beta$ }

$600 = \alpha - 2 \cdot 700 \rightarrow \alpha = 2000$

$Q_D = 2000 - 2P$ (I)

(2) $\xrightarrow{A}$ $2000 = \gamma + 600\delta$ } (-) $-400 = -100\delta \rightarrow \delta = 4$
(2) $\xrightarrow{B}$ $2400 = \gamma + 700\delta$ }

$2000 = \gamma + 600 \cdot 4 \rightarrow \gamma = -400$

$Q_S = -400 + 4P$ (2)

ΔΖ $Q_S = Q_D \rightarrow -400 + 4P_0 = 2000 - 2P_0 \rightarrow$

$6P_0 = 2400 \rightarrow P_0 = 400$ €

$Q_0 = 2000 - 2 \cdot 400 = 1200$ μ.ν.

ΔΒ (1) $\xrightarrow{P_A = 200}$ $Q_D = 2000 - 2 \cdot 200 = 1600$ } $Q_D > Q_S$
(2) $\xrightarrow{P_A = 200}$ $Q_S = -400 + 4 \cdot 200 = 400$ }

ΕΛΛΕΙΜΜΑ $= Q_D - Q_S = 1600 - 400 = 1200$ μ.ν

ΚΑΙ ΕΠΙΣΗΣ $400 = 2000 - 2P_2 \rightarrow 2P_2 = 1600$

$P_2 = 800$ €

Δ 4

(2) $\xrightarrow{P=200}$ $Q_S = -400 + 4 \cdot 200 = 400$

(2) $\xrightarrow{P=400}$ $Q_S = -400 + 4 \cdot 400 = 1200$

ΑΡΑ	P	Q_S	
	200	400	$\Rightarrow E_S$
	400	1200	

$$E_S = \frac{\Delta Q}{\Delta P} \frac{200}{400} = \frac{4 \cdot 200}{400} = 2$$

$E_S > 1$ ΑΡΑ Η ΠΡΟΣΦΟΡΑ ΕΛΑΣΤΙΚΗ