

ΟΙΚΟΝΟΜΙΑ

Γ ΛΥΚΕΙΟΥ

13/1/24

ΠΑΝΙΑ ΤΜΗΜΑΤΑ

ΟΜΑΔΑ Α

A1 Σ

AG Β

A2 Σ

A7 α

A3 Λ

A4 Λ

A5 Λ

ΟΜΑΔΑ Β

ΣΧΟΛΙΚΟ ΣΕΛ. 182

ΟΜΑΔΑ Γ

Q	VC	TC	AP	MC	FC
A	300	3000	4000	-	1000
B	400	7000	8000	100	1000
Γ	450	13000		100	1000

$$\epsilon_{\kappa} \approx \text{για } Q=300 \quad VC = 2000 + 800 + 200 = 3000 \text{ €}$$

$$\epsilon_{\kappa} \approx MP_B = AP_B \rightarrow \frac{Q_B - 300}{\Delta L} = \frac{Q_B}{L_B} = 100$$

$$\text{ΧΡΗΣΙΜΟΝΟΙ} \approx \text{ΜΟΝΟ } \tau_0 \quad \frac{Q_B - 300}{1} = 100 \rightarrow \underline{Q_B = 400}$$

$$\begin{aligned} \text{ΓΝΩΣΤΗ} \quad \Delta TC = 4000 &\rightarrow TC_B - TC_A = 4000 \rightarrow \\ 2TC_A - TC_A &= 4000 \rightarrow \\ TC_A &= \underline{\underline{4000 \text{ €}}} \end{aligned}$$

ΚΗ

$$TC_B = 2TC_A = 2 \cdot 4000 = \underline{\underline{8000 \text{ €}}}$$

$$\begin{aligned} \text{ΓΝΩΣΤΗ} \quad \Delta TC = \Delta VC &\rightarrow 8000 - 4000 = VC_B - 3000 \rightarrow \\ 4000 &= VC_B - 3000 \rightarrow \\ VC_B &= \underline{\underline{7000 \text{ €}}} \end{aligned}$$

$$\epsilon_{\kappa} \approx FC = TC_A - VC_A = 4000 - 3000 = 1000 \text{ €}$$

$$\text{ΤΕΛΟΣ} \quad \text{για } MC = 100 \rightarrow \frac{\Delta VC}{\Delta Q} \approx \frac{\Delta TC}{\Delta Q} = 100 \rightarrow$$

$$\frac{TC_{\Gamma} - 8000}{50} = 100 \rightarrow \frac{TC_{\Gamma} - 8000}{450 - 400} = 100 \rightarrow$$

$$TC_{\Gamma} - 8000 = 100 \cdot 50 \rightarrow$$

$$TC_{\Gamma} = \underline{\underline{13000 \text{ €}}}$$

$$f2. FC = \text{ΠΟΛΥΤΑ ΓΙΝΘ Σ.Π} \times \text{ΑΜΟΙΒΗ ΓΙΝΘ Σ.Π.}$$

$$10000 = 20 \times \text{ΑΜΟΙΒΗ} \rightarrow \text{ΑΜΟΙΒΗ} = \underline{500 \text{ €}}$$

$$f3. \text{ΣΤΟ Β ΓΥ} \quad MC_B = \frac{\Delta VC}{\Delta Q} = \frac{7000 - 3000}{400 - 300} = \frac{4000}{100} = 40$$

$$\text{ΓΙΑ } TC = 5600 \quad \text{ΓΥ}$$

$$MC = 40 \rightarrow \frac{\Delta TC}{\Delta Q} = 40 \rightarrow \frac{5600 - 4000}{Q - 300} = 40 \rightarrow \frac{1600}{Q - 300} = 40$$

$$\frac{40}{Q - 300} = 1 \rightarrow 40 = Q - 300 \rightarrow Q = 340$$

$$\text{ΤΟ } Q' = 340 + 80 = \underline{420}$$

$$\text{ΓΙΑ } Q = 420 \quad \text{ΓΥ} \quad MC = 100 \rightarrow \frac{\Delta TC}{\Delta Q} = 100 \rightarrow \frac{TC - 8000}{420 - 400} = 100$$

$$\frac{TC - 8000}{20} = 100 \rightarrow TC = 8000 + 2000 \rightarrow TC = \underline{10.000 \text{ €}}$$

$$\text{ΚΑΙ ΤΟ } VC \text{ ΓΙΝΑΙ } 10.000 - 1000 = 9.000 \text{ €}$$

$$\text{ΑΡΑ } \underline{\text{ΜΕΤΑΒΟΛΕΣ } TC = 10.000 - 5600 = 4.400 \text{ €}}$$

$$\text{ΜΕΤΑΒΟΛΕΣ } VC = 9000 - 4600 = 4400 \text{ €}$$

4. ΣΧΟΛΙΟ ΒΙΒΛΙΟ ΣΕΛ. 66

ΟΜΑΔΑ Δ

$$\Delta 1. \quad \epsilon_{sc} \rightarrow \beta = \frac{4}{3} \rightarrow \frac{100 - 60}{15 \cdot P_c} \cdot \frac{P_c}{60} = \frac{4}{3} \rightarrow \underline{P_c = 10}$$

ΑΤΟΜΙΚΗ: $Q_s = \gamma + \delta P$

$$\left. \begin{array}{l} 100 = \gamma + 15\delta \\ 60 = \gamma + 10\delta \end{array} \right\} \ominus \quad \begin{array}{l} 40 = 5\delta \rightarrow \underline{\delta = 8} \\ \underline{\gamma = -20} \end{array}$$

$$Q_s = -20 + 8P$$

ΑΓΟΡΑ: $Q_{sAR} = 5 \cdot Q_{sAT} = 5(-20 + 8P) = \underline{-100 + 40P}$

$\Delta 2. \quad \epsilon_{sc} = |\epsilon_D| < 1$ ΑΡΑ ΑΝΕΛΑΣΤΙΚΗ ΖΗΤΗΣΗ

$\Sigma \Delta \downarrow$ ΑΡΑ $P \downarrow$ ΚΑΤΑ 2 €

$P_2 = 3$

$$\epsilon_D = -\frac{2}{3} \rightarrow \frac{Q - 50}{3 - 5} \cdot \frac{5 + 3}{50 + Q} = -\frac{2}{3} \rightarrow Q = 70$$

$$Q_D = \alpha + \beta P$$

$$\left. \begin{array}{l} 50 = \alpha + 5\beta \\ 70 = \alpha + 3\beta \end{array} \right\} \ominus \quad \begin{array}{l} -20 = 2\beta \rightarrow \beta = -10 \\ \underline{\alpha = 100} \end{array}$$

$Q_D = 100 - 10P$

$\Delta 3. \quad Q_D = Q_S \rightarrow 100 - 10P_0 = -100 + 40P_0 \rightarrow$

$50P_0 = 200 \rightarrow$

$\boxed{P_0 = 4} \quad \boxed{Q_0 = 60}$

$$\Delta 4.1. Q_D^{P_2} \rightarrow 100 - 10 \cdot 8 = 20$$

$$Q_D = Q_S (P_A = P_A) \rightarrow 20 = -100 + 40P_A \rightarrow \boxed{P_A = 3}$$

$$Q_D^{P_A} \rightarrow 100 - 10 \cdot 3 = 70$$

$$\text{ΕΠΛΗΜΜΑ} = Q_D - Q_S = \underline{70 - 20 = 50 \text{ μ.η}}$$

$$2. \text{ΚΑΤΗΓΛΟ} = P_2 - P_A = \underline{8 - 3 = 5 \text{ €}}$$