

ΟΙΚΟΝΟΜΙΑ Σ' ΑΥΓΟΥΣ

21/5/22

ΟΜΑΔΑ Α

<u>A1</u>	Σ	A6	α
A2	Σ	A7	β
A3	Λ		
A4	Λ		
A5	Σ		

ΟΜΑΔΑ Β

ΣΧΟΛΙΚΟ ΣΕΜ. 23-24

ΟΜΑΔΑ Γ

(1)  $\Sigma DA = P_A Q_A \rightarrow Q_A = \frac{\Sigma DA}{P_A} = \frac{20000}{40} = \underline{\underline{500}}$

$E_{D(A-r)} = -\frac{4}{5} \rightarrow \frac{Q_r - 500}{50 - 40} \cdot \frac{40}{500} = -\frac{4}{5} \rightarrow \frac{Q_r - 500}{10} \cdot \frac{40}{500} = -\frac{4}{5}$

$Q_r = 400$

$E_Y(D-z) = 2 \rightarrow \frac{630 - 450}{47 - 1300} \cdot \frac{1300}{450} = 2 \rightarrow \underline{\underline{Y_z = 1560}}$

(2) ΣΧΟΛΙΚΟ ΣΕΜ. 35

(3)  $\left. \begin{array}{l} \Sigma DA = P_A Q_A = 20000 \\ \Sigma D_r = P_r Q_r = 20000 \end{array} \right\} \underline{\underline{\Sigma D \text{ ΣΤΑΘΗΡΗ}}}$

A/A

$Q_D = \frac{20000}{P}$

100 ΣΤΕΦΑΝΕ  
ΥΠΕΡΒΟΛΗ

74 ΜΕΤΕΞΗ ΦΟΡΟΥ ΑΡΑ ΕΤΩ ΜΕΜΟΝ ↑ Υ

ΕΤΩ ΜΕΜΟΝ  $Q_D' = Q_D + 25\% \cdot Q_D \rightarrow$   
 $Q_D' = 1,25 Q_D = 1,25 \left( \frac{20000}{P} \right)$   
 $Q_D' = \frac{25000}{P}$

ΟΜΑΔΑ Δ

$P = MC$	$Q$	$VC$	$FC$
100	700	70000	1000
150	1000	115000	1000
200	1300	175000	1000
250	1600	250000	1000

$AVC_{700} = \frac{VC_{700}}{700} \rightarrow VC_{700} = 100 \cdot 700 = 70000 \text{ €}$

$MC_{1000} = \frac{VC_{1000} - 70000}{300} \rightarrow VC_{1000} = 115000$

$MC_{1300} = \frac{VC_{1300} - 115000}{300} \rightarrow VC_{1300} = 175000$

$MC_{1600} = \frac{VC_{1600} - 175000}{300} \rightarrow VC_{1600} = 250000$

$Ex \approx 175.000 - 20000 = 155000 = VC_x$

$MC = 200 \rightarrow \frac{175000 - 155000}{1300 - x} \rightarrow \frac{20000}{1300 - x} = 200$   
 ~~$20000 = 200(1300 - x)$~~   
 $x = 1200$

ΑΡΑ Η ΠΑΡΑΓΩΓΗ ΜΕΜΟΝ

ΚΑΤ 1300 - 1200 = 100 ΜΟΝΑΔΕΣ

$\Delta 2$   $Q_s = \gamma + \delta P$

$$\left. \begin{aligned} 700 &= \gamma + 100\delta \\ 1000 &= \gamma + 150\delta \end{aligned} \right\} \ominus \quad -30\gamma = -150\delta \rightarrow \underline{\underline{\delta = 6}}$$

$\gamma = 700 - 600 = \underline{\underline{100}}$

ΑΡΑ

ΑΤΟΜΙΚΗ:  $Q_s = 100 + 6P$

ΑΓΟΡΑ:  $10 \cdot Q_s = 10 \cdot (100 + 6P) = \underline{\underline{1000 + 60P}}$

$\Delta 3$   $Q_D = Q_S = 4200 - 20P_0 = 1000 + 60P_0 \rightarrow$

$80P_0 = 3200 \rightarrow$

$\underline{\underline{P_0 = 40}}$

$\underline{\underline{Q_0 = 3400}}$

$\Delta 4$

$Q_D - Q_S = 1800 \rightarrow 4200 - 20P - 1000 - 60P = 1800 \rightarrow$   
 $\underline{\underline{P = 17,5 \text{ €}}}$

$P = 17,5 < P_0$

ΑΡΑ ΠΙΝΟΙ ΤΙΜΗ  $P_A$  (ΔΙΑΤΙΜΗΤΗΡΕ)

ΓΙΑ ΤΗΝ ΠΡΟΣΤΑΣΙΑ ΤΩΝ ΚΤΗΝΑΙΩΝ:

$\Delta 5$   $Q_s \xrightarrow{P=P_K} 1000 + 60 \cdot 60 = 4600$  } ΠΛΗΘΥΣΜΟΣ = 1600 μ.α.  
 $Q_D \xrightarrow{P=P_K} 4200 - 20 \cdot 60 = 3000$  }

$\Sigma \text{€} = P_K Q_S = 60 \cdot 4600 = 276000 \text{ €}$

ΚΤΗΝΑΙΩΝ = 70€

ΚΡΑΤΟΣ

$P_K Q_D =$   
 $60 \cdot 3000 = \underline{\underline{180000 \text{ €}}}$

$P_K \cdot (Q_S - Q_D) =$   
 $60 \cdot 1600 = \underline{\underline{96.000 \text{ €}}}$