

ΟΙΚΟΝΟΜΙΑ ΓΛΥΚΕΡΟΥ

ΠΑΝΙΑ ΤΜΗΜΑΤΑ

S/10/24

ΟΜΑΔΑ Α

A1 Σ

A6 α

A2 \wedge

A7 γ

A3 \wedge

A4 \wedge

A5 \wedge

ΟΜΑΔΑ Β

ΣΧΟΛΙΚΟ ΣΕΜ. 22

OMTAR

Q2. 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

3. Η ΕΠΙΜΟΡΦΩΣΗ ΤΗΣ ΕΡΓΑΤΙΑΣ

$$AP = \frac{Q}{L} \quad \text{και} \quad MP = \frac{\Delta Q}{\Delta L}$$

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

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

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

$$Q_5 = 120$$

$$AP_5 = 120/5 = 24 = MP$$

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

Γ2. i) ΣΧΟΛΙΚΟ ΣΕΓ. 57

ii) Με την προσθήκη 207 407 εργατών
στον 70 MP ↓

Γ3. $VC = w \cdot L + c \cdot Q$

$$VC = 3000 \cdot L + c \cdot Q$$

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

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

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

$$3000 + 24c = 12600 \rightarrow$$

$$24c = 9600 \rightarrow \underline{c = 400}$$

(ΑΠΑ)

$$\left. \begin{aligned} TC_5 &= ATC_5 \cdot Q_5 = 700 \cdot 120 = 84000 \\ VC_5 &= 3000 \cdot 5 + 400 \cdot 120 = 63000 \end{aligned} \right\} FC = 84000 - 63000 =$$

$$\underline{\underline{21000 \text{ €}}}$$

ORAMA D

$\Delta 1. \quad \Gamma 1A \quad P = 400$

$\Sigma D = P \cdot Q_D \rightarrow Q_D = \Sigma D / P \rightarrow Q_D = 120.000 / 400 = \underline{300}$

$Q_S - Q_D = 700 \rightarrow$

$Q_S - 300 = 700 \rightarrow \underline{Q_S = 1000}$

$\Gamma 1A \quad P = 450$

$\Sigma D = P \cdot Q_D \rightarrow Q_D = 67500 / 450 \rightarrow \underline{Q_D = 150}$

$Q_S - Q_D = 1050 \rightarrow$

$Q_S - 150 = 1050 \rightarrow \underline{Q_S = 1200}$

| APA | Exo | P | Q _D | Q _S |
|-----|-----|-----|----------------|----------------|
| | A | 400 | 300 | 1000 |
| | B | 450 | 150 | 1200 |

$Q_D = a + bP \quad (1)$

$Q_S = \gamma + \delta P \quad (2)$

$(1) \xrightarrow{A} 300 = a + 400b$
 $(1) \xrightarrow{B} 150 = a + 450b$

$(2) \xrightarrow{A} 1000 = \gamma + 400\delta$
 $(2) \xrightarrow{B} 1200 = \gamma + 450\delta$

$150 = -50b \rightarrow \underline{b = -3}$

$300 = a - 400 \cdot 3 \rightarrow \underline{a = 1500}$

$-200 = -50\delta \rightarrow \underline{\delta = 4}$

$1000 = \gamma + 400 \cdot 4 \rightarrow \underline{\gamma = -600}$

APA $\underline{Q_D = 1500 - 3P}$

APA $\underline{Q_S = -600 + 4P}$

$\Delta 2. \quad Q_S = Q_D \rightarrow -600 + 4P_0 = 1500 - 3P_0 \rightarrow$

$7P_0 = 2100 \rightarrow \underline{P_0 = 300}$

$Q_0 = 1500 - 3 \cdot 300 = \underline{600}$

D3. ↓ τιμὴ Ν Σ η ΑΠΑ Γκ = ↑ η προσφορά

$$Q_s' = Q_s + 700 \rightarrow$$

$$Q_s' = -600 + 4P + 700 \rightarrow$$

$$\underline{Q_s' = 100 + 4P}$$

$$\underline{Q_s' = Q_D} \rightarrow$$

$$100 + 4P_0' = 1500 - 3P_0' \rightarrow$$

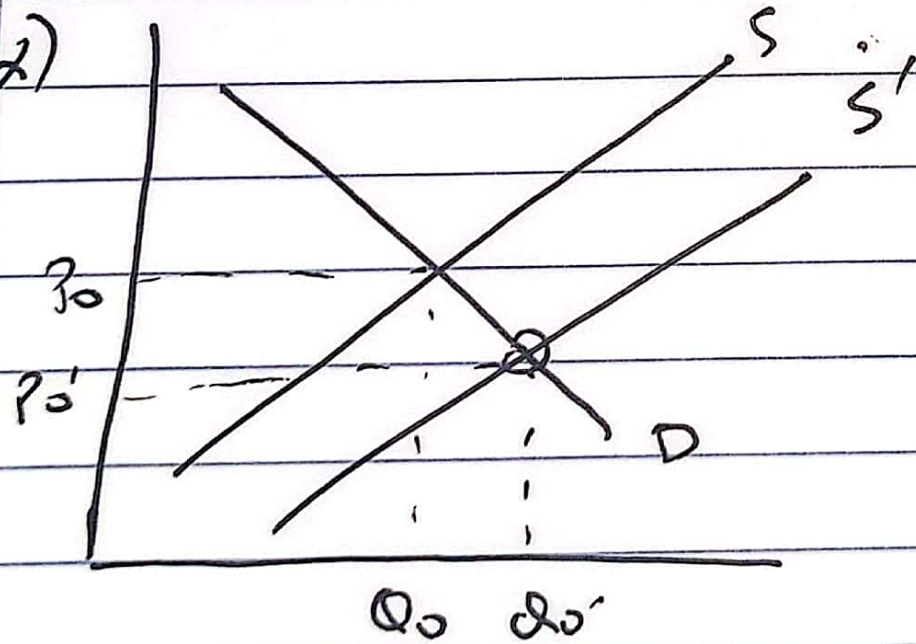
$$7P_0' = 1400$$

$$\underline{P_0' = 200}$$

$$Q_0' = 1500 - 3 \cdot 200 = \underline{900}$$

Δ4.

α)



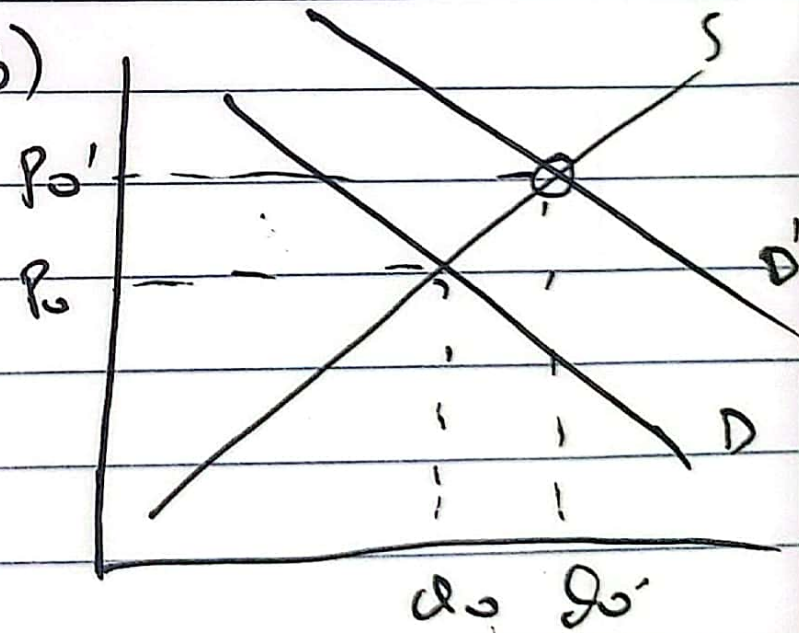
ΟΙ ΤΙΜΕΣ Π.Υ ↓ ΑΡΑ Η
 Σ ΑΥΞΑΝΟΥΜΕΝΗ ΚΑΙ ΜΟΝΟΤΟΝΟΝ

ΔΕΞΙΑ

$$P_0' < P_0$$

$$Q_0' > Q_0$$

β)



ΕΥΛΟ ΑΡΑ ΚΑΤΟΧΟΡΟ
 Υ ↓ ΑΡΑ Η D ΑΥΞΑΝΟΥΜΕΝΗ
 ΚΑΙ ΜΟΝΟΤΟΝΟΝ ΔΕΞΙΑ

$$P_0' > P_0$$

$$Q_0' < Q_0$$