

ΠΑΝΕΛΛΑΔΙΚΕΣ ΕΞΕΤΑΣΕΙΣ
ΤΕΚΝΩΝ ΕΛΛΗΝΩΝ ΤΟΥ ΕΞΩΤΕΡΙΚΟΥ ΚΑΙ ΤΕΚΝΩΝ ΕΛΛΗΝΩΝ ΥΠΑΛΛΗΛΩΝ
ΠΟΥ ΥΠΗΡΕΤΟΥΝ ΣΤΟ ΕΞΩΤΕΡΙΚΟ
ΠΑΡΑΣΚΕΥΗ 06 ΣΕΠΤΕΜΒΡΙΟΥ 2019
ΕΞΕΤΑΖΟΜΕΝΟ ΜΑΘΗΜΑ: ΑΟΘ
ΣΥΝΟΛΟ ΣΕΛΙΔΩΝ: ΤΕΣΣΕΡΕΙΣ (4)

ΠΡΟΤΕΙΝΟΜΕΝΕΣ ΠΛΗΡΕΙΣ ΑΠΑΝΤΗΣΕΙΣ

Θέμα Α

A1 .

α. Λ

β. Σ

γ. Σ

δ. Λ

ε. Σ

A2. δ

A3. β

Θέμα Β

Σχολικό βιβλίο, παράγραφος 5, σελ. 83 διάγραμμα 4.4

α. παράγραφος 5α, σελ. 83

β. παράγραφος 5γ, σελ. 84

Θέμα Γ

L	Q	AVC	ATC
20	250		
30	500	18	30
40	X	20	

Γ1.

$$AVC_{500} = \frac{VC_{500}}{Q} \Rightarrow 18 = \frac{VC_{500}}{500} \Rightarrow VC_{500} = 9000$$

$$VC_{500} = W \cdot L \Rightarrow 9000 = W \cdot 30 \Rightarrow W = 300$$

Γ2.

$$VC_{250} = W \cdot L = 20 \cdot 300 = 6000$$

$$VC_X = W \cdot L = 40 \cdot 300 = 12000$$

$$AVC_X = \frac{VC_X}{Q} \Rightarrow 20 = \frac{12000}{Q_X} \Rightarrow Q_X = 600$$

$$MC_{500} = \frac{\Delta VC}{\Delta Q} = \frac{9000 - 6000}{500 - 250} \Rightarrow MC_{500} = 12$$

$$MC_{600} = \frac{\Delta VC}{\Delta Q} = \frac{12000 - 9000}{600 - 500} \Rightarrow MC_{600} = 30$$

$$MC_{450} = \frac{\Delta VC}{\Delta Q} = \frac{VC_{450} - 6000}{450 - 250} \Rightarrow \frac{VC_{450} - 6000}{200} = 12 \Rightarrow VC_{450} = 8400$$

$$MC_{580} = \frac{\Delta VC}{\Delta Q} = \frac{VC_{580} - 9000}{580 - 500} \Rightarrow \frac{VC_{580} - 9000}{80} = 30 \Rightarrow VC_{580} = 11400$$

$$\Delta VC_{450 \rightarrow 580} = VC_{580} - VC_{450} = 11400 - 8400 \Rightarrow \Delta VC_{450 \rightarrow 580} = 3000$$

Γ3.

$$ATC_{500} = \frac{TC_{500}}{Q} \Rightarrow 30 = \frac{TC_{500}}{500} \Rightarrow TC_{500} = 15000$$

$$TC_{500} = FC_{500} + VC_{500} \Rightarrow 15000 = FC_{500} + 9000 \Rightarrow FC = 6000$$

Θέμα Δ

	P	Q_D	ΣΔ	Υ
A	2	100	200	1000
B	3	80	240	1000
Γ	3	100	300	1200

Δ1.

$$\Sigma\Delta_A = P_A \cdot Q_A \Rightarrow 200 = 2 \cdot Q_A \Rightarrow Q_A = 100$$

$$\Sigma\Delta_B = P_B \cdot Q_B \Rightarrow 240 = 3 \cdot Q_B \Rightarrow Q_B = 80$$

$$E_{D_{A \rightarrow B}} = \frac{\Delta Q}{\Delta P} \cdot \frac{P_A}{Q_A} = \frac{80-100}{3-2} \cdot \frac{2}{100} \Rightarrow E_{D_{A \rightarrow B}} = -\frac{2}{5} \Rightarrow E_{D_{A \rightarrow B}} = -0,4$$

Δ2.

$$\Sigma\Delta_\Gamma = P_\Gamma \cdot Q_\Gamma \Rightarrow 300 = 3 \cdot Q_\Gamma \Rightarrow Q_\Gamma = 100$$

$$E_{Y_{B \rightarrow \Gamma}} = \frac{\Delta Q}{\Delta Y} \cdot \frac{Y_B}{Q_B} = \frac{100-80}{1200-1000} \cdot \frac{1000}{80} \Rightarrow E_{Y_{B \rightarrow \Gamma}} = \frac{5}{4} \Rightarrow E_{Y_{B \rightarrow \Gamma}} = 1,25$$

$$E_{Y_{B \rightarrow \Gamma}} = 1,25 > 0 \quad \text{Το αγαθό είναι κανονικό}$$

Δ3.

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

A: $100 = \alpha + \beta \cdot 2$

B: $80 = \alpha + \beta \cdot 3 (-)$

$$20 = -\beta \Rightarrow \beta = -20$$

A: $100 = \alpha - 20 \cdot 2 \Rightarrow \alpha = 140$

$$\left. \begin{array}{l} \\ \\ \end{array} \right\} \Rightarrow Q_D = 140 - 20 \cdot P$$

Δ4.

$$\left. \begin{array}{l} Q_S = 60 + 20P \\ P_A = 1 \end{array} \right\} \Rightarrow Q_{S_A} = 60 + 20 \cdot 1 \Rightarrow Q_{S_A} = 80$$

$$\left. \begin{array}{l} Q_D = 140 - 20P \\ Q = 80 \end{array} \right\} \Rightarrow 80 = 140 - 20 \cdot P_2 \Rightarrow 60 = 20P_2 \Rightarrow P_2 = 3$$