

**ΥΠΟΥΡΓΕΙΟ ΠΑΙΔΕΙΑΣ ΚΑΙ ΠΟΛΙΤΙΣΜΟΥ  
ΔΙΕΥΘΥΝΣΗ ΑΝΩΤΕΡΗΣ ΚΑΙ ΑΝΩΤΑΤΗΣ ΕΚΠΑΙΔΕΥΣΗΣ  
ΥΠΗΡΕΣΙΑ ΕΞΕΤΑΣΕΩΝ**

**ΠΑΓΚΥΠΡΙΕΣ ΕΞΕΤΑΣΕΙΣ 2017**

**ΜΑΘΗΜΑ: ΛΟΓΙΣΤΙΚΗ**

**ΗΜΕΡΟΜΗΝΙΑ ΚΑΙ ΩΡΑ ΕΞΕΤΑΣΗΣ: Πέμπτη, 1 Ιουνίου 2017  
08:00 - 11:00**

**ΤΟ ΕΞΕΤΑΣΤΙΚΟ ΔΟΚΙΜΙΟ ΑΠΟΤΕΛΕΙΤΑΙ ΑΠΟ ΕΠΤΑ (7) ΣΕΛΙΔΕΣ**

**ΟΔΗΓΙΕΣ:**

- Να απαντήσετε σε όλες τις ερωτήσεις (Answer all questions)
- Όλοι οι υπολογισμοί πρέπει να φαίνονται καθαρά στο τετράδιό σας
- Επιτρέπεται η χρήση μη προγραμματιζόμενης υπολογιστικής μηχανής
- Δεν επιτρέπεται η χρήση διορθωτικού υγρού/ταινίας
- Επισυνάπτεται τυπολόγιο Λογιστικών Αριθμοδεικτών τεσσάρων (4) σελίδων.

## QUESTION 1

### Exercise 1

Xenia and Yianna are in partnership sharing profits and losses in the ratio 3:2 respectively. At 31 March 2017, their Balance Sheet was as follows:

<b>Fixed Assets</b>	<b>€</b>	<b>€</b>
Premises		300.000
Office Equipment		40.000
Fixtures and Fittings		30.000
		<b>370.000</b>
<b>Current Assets</b>		
Stock	26.000	
Debtors	34.000	
Bank	18.000	
	<b>78.000</b>	
<b>Current Liabilities</b>		
Creditors	(30.000)	
<b>Net Current Assets</b>		<b>48.000</b>
		<b>418.000</b>
<b>Capitals:</b>		
Xenia		258.000
Yianna		160.000
		<b>418.000</b>

The following additional information was available:

1. Zoe was admitted into the partnership on 1 April 2017. It was agreed that all profits and losses in the new partnership would be shared in the ratio Xenia 3, Yianna 2, Zoe 1.
2. Zoe introduced into the partnership stock valued at €20.000, motor vehicles a valuation of at €18.000 and a cheque for €42.000
3. Goodwill was valued at €30.000
4. Assets and liabilities of the former partnership were revalued as follows:

	<b>€</b>
Premises	330.000
Office Equipment	38.200
Stock	25.200

5. The partners decided that Goodwill is to be written off.

### **REQUIRED:**

- a. Revaluation accounts **(Marks 3)**
- b. Capital accounts of Xenia, Yianna and Zoe **(Marks 4)**
- c. Balance Sheet of Xenia, Yianna and Zoe at 1 April 2017. **(Marks 6)**

## **Exercise 2**

The following information relates to the office computers of Park Ltd:

### **2014**

1 January Purchased office computers for €40.000

### **2016**

30 June Sold office computers costing €12.000 for €5.000 by cheque

1 October Purchased office computers for €16.000 paying by cheque

Park Ltd has the following depreciation policy:

- Office computers are depreciated at the rate of 20% per annum using the straight-line method
- Depreciation is charged for each month of ownership.

### **REQUIRED:**

Prepare the following ledger accounts for the year ended 31 December 2016:

- Office Computers **(Marks 2)**
- Provision for Depreciation of Office Computers **(Marks 3)**
- Disposal of office computers. **(Marks 2)**

**(Total Marks 20)**

## **QUESTION 2**

Euro Bell operates a mobile phone network and has an authorised share capital of 1 000 000 ordinary shares of €2 each and 500 000 8% Preference shares of €1 each

The following details relate to the business on 31 December 2016:

	€
Cash in hand and at bank	17.700
Stock	30.900
Debtors	14.900
Creditors	17.400
Gross Profit	115.800
Debenture interest due	2.100
Cost of sales	127.200
Ordinary share capital	1.000.000
Share Premium	20.000
7% Debentures	300.000
Profit and Loss A/c 31.12.2016 (Cr balance)	280.000
General reserve	12.000
Ordinary dividend proposed	6.000

\*80% of the sales are on credit

The directors decided to make an additional issue of shares in order to take advantage of a business opportunity.

The following events occurred relating to the share capital

1. The company offered for sale 200 000 ordinary shares at a price of €2,40 on the following terms:

	€
• On Application	0,50
• On Allotment (including the premium)	1,00
• On First call	0,60
• On Second and Final call	the remaining balance

2. Applications had been received for 290 000 shares. The directors rejected applications for 40 000 shares and money was returned to unsuccessful applicants. The remaining shares were allotted pro rata. The balance due on allotment was fully received.
3. The first call was made and the amounts were received except from one shareholder holding 3 000 shares who failed to pay, while another shareholder holding 4 000 shares paid them in full.
4. When the second and final call was asked, all shareholders paid their obligations, except from the above mentioned shareholder who held 3 000 shares.

**REQUIRED:**

- a. Calculate the following ratios for the year ended 31 December 2016 to **two decimal** places:

i. Quick Assets Ratio	<b>(Marks 2)</b>
ii. Gross Profit Ratio	<b>(Marks 2)</b>
iii. Net Assets Value of Shares	<b>(Marks 2)</b>
iv. Debtors Ratio (in days)	<b>(Marks 2)</b>

- b. The following ledger accounts to record the transactions relating to the issue of shares:

i. Application and allotment	<b>(Marks 4)</b>
ii. Ordinary share capital	<b>(Marks 3)</b>
iii. Share premium	<b>(Marks 1)</b>
iv. Second and Final call	<b>(Marks 4)</b>

**(Total Marks 20)**

### **QUESTION 3**

Alpha Ltd manufactures parts for washing machines. It also purchases some parts for resale. The following information is available:

	<b>31 December 2015</b>	<b>31 December 2016</b>
Stocks:	€	€
raw materials	62.000	62.800
work in progress	17.000	15.100
finished goods	16.280	16.500

Some of the balances for the year ended 31 January 2016 were as follows:

	€
Sales of finished goods	461.000
Purchases of raw materials	179.000
Purchases of finished goods	30.800
Carriage inwards	1.500
Manufacturing wages	76.700
Factory supervisor's salary	14.000
Administrative and sales wages	25.900
Depreciation of factory machinery	11.400
Depreciation of office equipment	7.600
Rent	8.000
Loss on sale of office equipment	400
Light and heat	4.300

#### **Additional Information:**

1. At 31 January 2016 prepaid rent was €1.000 and accrued light and heat was €700
2. Carriage Inwards is 80% on the raw materials and 20% on finished goods
3. Rent, light and heat are apportioned 50% to the factory and 50% to administration

#### **REQUIRED:**

Prepare for the year ended 31 December 2016:

- a. Manufacturing Account showing clearly
  - i. Cost of raw materials used **(Marks 4)**
  - ii. Prime cost **(Marks 2)**
  - iii. Cost of production **(Marks 6)**
- b. Trading and Profit and Loss Account. **(Marks 8)**

**(Total Marks 20)**

#### **QUESTION 4**

The following Trial Balance was extracted from the books of Massimo Plc on 31 December 2016:

	<b>€ Dr</b>	<b>€ Cr</b>
Ordinary Share Capital fully paid		800.000
8% Preference share capital fully paid		160.000
Interim dividend – ordinary shares	8.000	
Interim dividend – preference shares	6.400	
Share premium		60.000
Freehold Property	1.060.000	
Motor Vehicles	400.000	
Office Equipment	140.000	
6% Investment – invested on 1 October 2016	100.000	
Provision for Depreciation on motor vehicles		325.000
Provision for Depreciation on office equipment		84.000
Bank Overdraft		13.600
Provision for bad debts		2.400
Net Profit (before investment income)		308.400
General Reserve		10.000
Goodwill	170.000	
5% Debentures		160.000
Debenture Interest due		4.000
Profit and Loss A/c – 1 January 2016		167.000
Debtors	120.000	
Creditors		90.000
Stock at 31 December 2016	180.000	
	<b>2.184.400</b>	<b>2.184.400</b>

The following information is to be taken into account:

1. The authorised share capital of the company is divided into €1.000.000 ordinary shares of €2 each and €200.000 8% preference shares of €1 each
2. At 31 December 2016:
  - i. The interest on 6% investment is due to the company
  - ii. The directors decided to:
    - provide for the final dividend on the preference shares
    - provide for a final dividend on the ordinary shares of €0.05 per share
    - transfer €30.000 to general reserve
    - provide for corporation tax 10%
    - write off Goodwill by €70.000.

#### **REQUIRED:**

- a. Profit & Loss Appropriation Account for the year ended 31 December 2016 **(Marks 7)**
  - b. Balance Sheet as at 31 December 2016 (in vertical form). **(Marks 13)**
- (Total Marks 20)**

### QUESTION 5

Red and Green are partners sharing profit and losses in the ratio 3:2 respectively.

#### Red and Green Balance Sheet as at 31 December 2016

Fixed Assets	€	€	Partners' Capital A/cs	€	€
Premises	800.000		Red	600.000	
Furn. & Fittings	30.000		Green	400.000	1.000.000
Motor Vans	40.000	870.000			
			<b>Partners' Current A/cs</b>		
<b>Current Assets</b>			Red	65.000	
Stock	150.000		Green	(58.000)	7.000
Debtors	80.000				
Cash	5.000	235.000	<b>Current Liabilities</b>		
			Creditors	76.000	
			Bank overdraft	22.000	98.000
		1.105.000			1.105.000

On 1 January 2017, Rainbow Ltd was formed to take over the partnership. Its authorised share capital consists of 300 000 ordinary shares of €5 each. Rainbow Ltd took over all of the above assets and liabilities, except cash and bank overdraft.

The following assets taken over by Rainbow Ltd were revalued as follows:

	€
Premises	950.000
Motor Vans	25.000
Furniture & Fittings	18.000
Stock	160.000
Debtors	76.000 (the difference being provision for bad debts)

The purchase consideration, including Goodwill, was agreed and it was to be settled by the issue of 180 000 ordinary shares in Rainbow Ltd, at a premium of 20%, and a payment of €140.000 by cheque

In order to finance the purchase of the partnership, Rainbow Ltd offered to the public 30 000 ordinary shares at a premium of 20%. The issue was successful and all the shares were fully paid up

Rainbow Ltd paid preliminary expenses of €5.000 for the company formation

Any balance in the partners' capital accounts is to be settled by cheque

#### REQUIRED

- In the books of the partnership, show the following:
  - Realization account (Marks 4)
  - Partners' Capital accounts (Marks 4)
  - Bank account (Marks 2)
- In the books of Rainbow Ltd prepare necessary journal entries (including those relating to cash) to record the above transactions (Narrations are not required). (Marks 10)

(Total Marks 20)

(GRAND TOTAL MARKS 100)

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