

ΥΠΟΥΡΓΕΙΟ ΠΑΙΔΕΙΑΣ, ΑΘΛΗΤΙΣΜΟΥ ΚΑΙ ΝΕΟΛΑΙΑΣ  
ΔΙΕΥΘΥΝΣΗ ΜΕΣΗΣ ΕΚΠΑΙΔΕΥΣΗΣ

ΕΝΙΑΙΕΣ ΤΕΛΙΚΕΣ ΑΠΟΛΥΤΗΡΙΕΣ ΓΡΑΠΤΕΣ ΕΞΕΤΑΣΕΙΣ 2023-2024

Γ΄ ΤΑΞΗΣ ΛΥΚΕΙΟΥ

ΗΜΕΡΟΜΗΝΙΑ: 24 Μαΐου 2024

ΕΞΕΤΑΖΟΜΕΝΟ ΜΑΘΗΜΑ: ΛΟΓΙΣΤΙΚΗ

Α΄ ΣΕΙΡΑ

ΚΩΔΙΚΟΣ ΜΑΘΗΜΑΤΟΣ: Γ025

ΣΥΝΟΛΙΚΗ ΔΙΑΡΚΕΙΑ ΓΡΑΠΤΗΣ ΕΞΕΤΑΣΗΣ: 90 λεπτά

ΤΟ ΕΞΕΤΑΣΤΙΚΟ ΔΟΚΙΜΙΟ ΑΠΟΤΕΛΕΙΤΑΙ ΑΠΟ ΕΞΙ (6) ΣΕΛΙΔΕΣ

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ΟΔΗΓΙΕΣ (για τους εξεταζομένους)

- Στο εξώφυλλο του τετραδίου απαντήσεων να συμπληρώσετε όλα τα κενά με τα στοιχεία που ζητούνται.
- Να απαντήσετε ΟΛΑ τα ερωτήματα.**
- Να μην αντιγράψετε τα θέματα** στο τετράδιο απαντήσεων.
- Να μη γράψετε πουθενά στις απαντήσεις σας **το όνομά σας**.
- Να απαντήσετε στο τετράδιό σας σε όλα τα θέματα **μόνο με μπλε πένα ανεξίτηλης μελάνης**.
- Απαγορεύεται η χρήση διορθωτικού υγρού ή διορθωτικής ταινίας.
- Επιτρέπεται η χρήση μη προγραμματιζόμενης υπολογιστικής μηχανής που φέρει τη σφραγίδα του σχολείου.
- Στη λύση των ασκήσεων να φαίνεται όλη η αναγκαία εργασία.

### Question 1

Να γράψετε στο τετράδιο των απαντήσεών σας **τον αριθμό της ερώτησης** και δίπλα το **γράμμα** που δηλώνει την ορθή απάντηση (π.χ. **i – a** ή **i – b** κ.λπ.). Υπάρχει μόνο μία ορθή απάντηση.

**i. Which of the following pairs of accounts are Revenue Reserves?**

- a. Share premium and Retained earnings
- b. Retained earnings and Revaluation reserve
- c. General reserve and Retained earnings
- d. Revaluation reserve and General reserve

**ii. A company buys and sells two different products, Basic and Luxury. On the 31 December 2023 the following information is given regarding the company's inventory:**

	<u>Basic</u>	<u>Luxury</u>
Number of units	100	200
Original cost per unit	€5	€8
Net realisable value per unit	€6	€7

**The value of inventory shown in the financial statements on the 31 December 2023 will be:**

- a. €2.100
- b. €2.000
- c. €2.200
- d. €1.900

**(Marks 5)**

### Question 2

**a) You are given the following information relating to a project:**

Cost of investment = €375.000

**Profits:**

Year 1 = €50.000      Year 2 = €60.000      Year 3 = €73.000      Year 4 = €57.000

**Required:**

Calculate for the project, the Accounting Rate of Return (ARR).

**(Marks 3)**

**Show all your workings.**

**b) Give one (1) advantage and one (1) disadvantage of the Accounting Rate of Return method – ARR (Να δώσετε ένα (1) πλεονέκτημα και ένα (1) μειονέκτημα της Μεθόδου της Μέσης Απόδοσης).**

**(Marks 2)**

### Question 3

The following information was extracted from the books of Karavas Ltd for the year ended 31 December 2023:

	€
Revenue	650.000
Cost of sales	439.800
Expenses (including interest)	84.200
Other payables	10.000
Trade payables	122.000
Current assets	198.000
4% Debentures, redeemable 2028	100.000

#### Required:

a) Calculate, to two decimal places where necessary, for the year ended 31 December 2023 the:

i. Net profit margin ratio.

(Marks 6)

ii. Current ratio.

(Marks 3)

**Note:** The relevant ratios are given in the table below (Οι σχετικοί αριθμοδείκτες δίνονται στον πιο κάτω πίνακα).

Show all your workings.

Δείκτες Απόδοσης (ή Κερδοφορίας) – Profitability Ratios		
Ratio	Formula	
Net profit margin	$\frac{\text{Operating Profit}^*}{\text{Revenue}} \times 100$	$\frac{\text{Καθαρό λειτουργικό Κέρδος}}{\text{Πωλήσεις}} \times 100$
* Net Profit before interest & taxes		
Δείκτες Ρευστότητας– Liquidity Ratios		
Ratio	Formula	
Current ratio	$\frac{\text{Current Assets}}{\text{Current Liabilities}}$	$\frac{\text{Κυκλοφοριακό Ενεργητικό}}{\text{Βραχυπρόθεσμες Υποχρεώσεις}}$

b) Explain what liquidity ratios measure (Να εξηγήσετε τι μετρούν οι δείκτες ρευστότητας).

(Mark 1)

#### **Question 4**

Kythrea Plc is in business recycling plastic waste which is recycled into finished goods. The following were some of the balances in the books of account on 31 December 2023:

	€
Inventory at 1 January 2023	
Raw materials	36.500
Work in progress	30.200
Finished goods	76.000
Factory rent	16.500
Wages	
Direct factory	210.000
Indirect factory	40.760
Sales staff	78.000
Royalties	12.800
Packaging	28.000
Purchases of raw materials	202.000
General expenses	
Factory	33.000
Office	22.000
Machinery at cost	240.000
Accumulated depreciation on machinery - 1 January 2023	45.600
Office equipment	110.000
Accumulated depreciation on office equipment - 1 January 2023	33.000
Purchases returns of raw materials	3.800

#### **Additional information at 31 December 2023:**

- Inventory:
  - Raw materials      €17.700
  - Work in progress    €36.200
  - Finished goods      €86.000
- Packaging is 65% direct and 35% indirect.
- Factory rent was one month accrued and factory general expenses were €3.000 prepaid.
- Depreciation is charged as follows:
  - Office equipment at the rate of 15% per annum using the straight-line method
  - Machinery at the rate of 10% per annum using the reducing balance method.

#### **Required:**

Prepare the manufacturing account for the year ended 31 December 2023. **(Marks 20)**

**Show all your workings.**

### **Question 5**

The following balances were extracted from the books of Kyrenia Plc at 31 December 2023:

	<b>DR €</b>	<b>CR €</b>
Ordinary share capital (shares of €0,50 each)		400.000
6% Debentures		150.000
Retained earnings		60.000
Office equipment	360.000	
Accumulated depreciation on office equipment		72.000
Bank	70.000	
Trade receivables	140.000	
Warehouse wages	36.000	
Trade payables		64.000
Irrecoverable debts	11.000	
Debenture interest	9.000	
Salaries	180.000	
Rent and rates	120.000	
Revenue (Sales)		980.000
Purchases	720.000	
Inventory at 1 January 2023	80.000	
	<b>1.726.000</b>	<b>1.726.000</b>

#### **Additional information at 31 December 2023:**

- Inventory was valued at €72.000.
- An allowance of 5% on trade receivables was created.
- Auditor's remuneration of €14.000 was due.
- Office equipment is depreciated at 10% on cost.
- 30% of salaries relate to delivery, marketing and sale staff.
- Rent and rates, will be apportioned in accordance with the floor space as follows:  
Delivery and marketing office      1 000 m<sup>2</sup>  
General administration              3 000 m<sup>2</sup>

#### **Required:**

Prepare the Statement of Profit or Loss for the year ended 31 December 2023 in line with the International Accounting Standard 1 (IAS 1). **(Marks 20)**

**Show all your workings.**

## **Question 6**

Pentadaktylos Plc has provided the following statements of financial position **extracts** for the last two years:

### Statement of Financial Position (extract) of Pentadaktylos Plc as at 31 December

	<b>2022</b>	<b>2023</b>
	<b>€</b>	<b>€</b>
<b>Non-current assets</b>		
Property, plant and equipment at cost	300.000	310.000
Accumulated depreciation	(60.000)	(89.000)
Property, plant and equipment at net book value	<b>240.000</b>	<b>221.000</b>
Intangible assets	60.000	58.800
	<b>300.000</b>	<b>279.800</b>
<b>Current assets</b>		
Inventory	37.000	11.000
Trade receivables	9.000	12.000
Cash and cash equivalents	7.000	----
	<b>53.000</b>	<b>23.000</b>
<b>Total assets</b>	<b>353.000</b>	<b>302.800</b>
<b>Current liabilities</b>		
Bank overdraft	----	20.000
Trade payables	28.000	12.000
Tax payable	4.000	6.000
	<b>32.000</b>	<b>38.000</b>

### **Additional information at 31 December 2023:**

- Interest on the bank overdraft for the year was €200.
- During the year, equipment bought for €10.000, with depreciation to date of €2.000, was sold on credit for €7.000.
- The depreciation of property, plant and equipment for the year was €31.000.
- No intangible assets were purchased or sold during the year.
- Intangible assets are amortized over their useful life.
- Profit after interest but before tax for the year ended 31 December 2023 was €80.000.
- The corporation tax for the year was €10.000.

### **Required:**

**Prepare the:**

- a) Disposal account for the year ended 31 December 2023. **(Marks 4)**
- b) **Cash Flow from Operating Activities section** of the Statement of Cash Flows, in accordance with International Accounting Standard (IAS) 7. **(Marks 16)**

**Show all your workings.**

### **Question 7**

Akanthou Plc had the following balances at the start of the financial year on 1 January 2023:

	€
Ordinary shares of €1 each	400.000
Share premium	140.000
General reserve	10.000
Retained earnings	60.000

**Note:** The profit for the year ended 31 December 2023 was €42.400.

During the year ended 31 December 2023, the following transactions took place:

- On March 1, the directors decided to make a new issue of 100 000 shares at €1,50 in order to take advantage of a business opportunity.
- On July 1, the amount of €30.000 was transferred to the general reserve.
- On December 31, the final dividend of €0,05 per share, was paid to shareholders. All shares were eligible for the dividend.

**All payments/receipts were through the bank.**

#### **Required:**

- a) Show the journal entries to record the above transactions. **(Marks 10)**
- b) Prepare the Statement of Changes in Equity for the year ended 31 December 2023. **(Marks 8)**
- c) State two (2) characteristics of preference shares (Να αναφέρετε δύο (2) χαρακτηριστικά των προνομιούχων μετοχών). **(Marks 2)**

**Show all your workings.**

**TOTAL MARKS 100**

**ΤΕΛΟΣ ΕΞΕΤΑΣΤΙΚΟΥ ΔΟΚΙΜΙΟΥ  
ΣΑΣ ΕΥΧΟΜΑΣΤΕ ΚΑΛΗ ΕΠΙΤΥΧΙΑ**