MATSEC
Examinations Board


Specimen Papers
SEC 01 Accounting

## Table of Contents

Specimen Assessments: Controlled Paper LEVEL 1-2 ..... 3
Specimen Assessments: Controlled Paper LEVEL 2-3 ..... 20
Specimen Assessments: Controlled Paper (Private Candidates) LEVEL 1-2-3 ..... 39

## Specimen Assessments: Controlled Paper LEVEL 1-2

## MATRICULATION AND SECONDARY EDUCATION CERTIFICATE <br> EXAMINATIONS BOARD

L-Università ta' Malta

## SECONDARY EDUCATION CERTIFICATE LEVEL

SAMPLE PAPER

| SUBJECT: | Accounting |
| :--- | :--- |
| PAPER NUMBER: | Level $\mathbf{1 - 2}$ |
| DATE: |  |
| TIME: | 2 Hours |

## Answer ALL questions.

Answer ALL the questions in the accounts, formats and spaces provided. There may be more space than you need. Some questions must be answered with a cross in a box $\boxtimes$. If you change your mind about an answer, put a line through the box $⿴$-and then mark your new answer with a cross $\boxtimes$.

Calculators may be used. The total mark for this paper is 100. The marks for each question are shown in brackets. Use this as a guide as to how much time to spend on each question.

## SECTION A

This section carries 35 marks.

## Question 1

a. A cash sale to Xandru has the following double entry:
$\square$ Dr Sales account; Cr Cash account.
$\square$ Dr Xandru account; Cr Sales account.Dr Cash account; Cr Sales account.Dr Cash account; Cr Xandru account.
b. A credit note is issued for:a purchase of goods.a sales return.a sale of goods.a payment of an electricity bill.
c. A credit entry in the bank statement represents:a standing order.a direct debit.bank charges.a bank deposit.
d. Which one of the following statements relating to spreadsheets is true?
$\square$ They are an efficient method of storing text-based files.
$\square$ They do not allow data to be displayed graphically.
$\square$ They can be used to maintain accounting records.$\square$ Font, size, and colour of text cannot be changed.
e. Which of the following is classified as a variable cost?
$\square$ royalties.
$\square$ rent of showroom.
$\square$ factory rent.insurance of delivery vehicles.

## Question 2

a) Match the statement in column $A$ with the term in column $B$. The first statement has already been matched.

|  | COLUMN A |  | COLUMN B |
| :--- | :--- | :--- | :--- |
| i | A statement prepared to reconcile the bank <br> account balance with the bank statement <br> balance. |  | Bank charges. |
| ii | An amount paid by the business for the <br> services provided by the bank. | i | Bank reconciliation. |
| iii | A cheque that the bank will not pay. |  | Bank overdraft. |
| iv | A bank account that allows payments in <br> excess of deposits. | Dishonoured cheque. |  |

b) The following bank statement was received by P. Sant at the end of June 2022:

Bank Statement

|  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Dr |  |  |  |
|  |  | $€$ | $€$ | $€$ |  |
| June 1 | Balance b/d |  |  | 2,500 | Cr |
| June 6 | Cheque 1304 | 300 |  |  |  |
| June 14 | Credit Transfer: T. Busuttil |  | 275 |  |  |
| June 21 | Standing Order: Loan Interest | 160 |  |  |  |
| June 28 | Bank Charges | 20 |  |  |  |

Calculate the balance after each transaction above stating whether it is a debit or a credit balance.
c) The following is the cash book for the month of June 2022.

| C |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2022 | Details | c | 2022 | Details | c |
| Jun 1 | Balance b/d | 2,500 | Jun 2 | T. Schembri - chq. 1304 | 300 |
| Jun 24 | S. Bonnici | 675 | Jun 5 | M. Borg - chq. 1305 | 175 |
|  |  |  | Jun 12 | L. Cauchi - chq. 1306 | 85 |
|  |  |  | Jun 30 | Balance c/d | 2,615 |
|  |  | 3,175 |  |  | 3,175 |
|  |  |  |  |  |  |

Prepare the updated cash book (bank account columns) as at 30 June 2022 based on the bank statement provided in question 2(b).

| 2022 | Details | $\mathbf{C}$ | 2022 | Details | $\boldsymbol{C}$ |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

## Question 3

Kurt received the following invoices from two of his suppliers during the first week of March 2022:

|  | Roland | Byron |
| :--- | ---: | ---: |
|  | 2 March | 3 March |
| Goods: List Price | $€ 2,000$ | $€ 1,000$ |
| Trade Discount | $20 \%$ | $10 \%$ |

A VAT rate of $10 \%$ is applied on all purchases.

## Required:

a) Prepare the purchases journal.

## Purchases Journal

| 2022 | Net | Vat | Gross |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | C | C | C |
|  |  |  |  |  |

b) Identify the importance of a spreadsheet in accounting.
$\qquad$
$\qquad$
$\qquad$
$\qquad$
(Total: 5 marks)

## Question 4

The following table includes information relating to the costs relating to the production of standard wooden chairs produced by a factory situated in Xewkija. The costs relate to direct materials, direct labour, total variable cost, fixed costs and total cost.

| Quantity | Direct Materials <br> C | Direct Labour <br> c | Total <br> Variable Cost C | Fixed Cost <br> c | Total Cost <br> C |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 0 | 0 | 0 | 0 | 10,000 | 10,000 |
| 1,000 | 20,000 | 10,000 | 30,000 | 10,000 | 40,000 |
| 2,000 |  |  |  |  |  |
| 3,000 |  |  |  |  |  |

Calculate the costs and complete the table above, relating to Direct Materials, Direct Labour, Total Variable Cost, Fixed Cost and Total Cost at the quantity levels of:
a) 2,000 units, and
b) 3,000 units respectively.

This space may be used for workings and/or rough work:

## Question 5

You are provided with the following information about the opening balances of accounts in the books of the business of Vanessa Vella as at 1 January 2022:

|  | $€$ |
| :--- | :---: |
| Capital | 100,000 |
| Bank | 90,000 |
| Cash | 10,000 |

The following transactions took place during the month of January:

## 2022

Jan 5 Bought goods for resale on credit from Pam Farrugia $€ 1,000$.
Jan 8 Sold goods on credit to Jim Desira €500.
Jan 11 Cash Sales €650.
Jan 15 Paid Water and Electricity by cheque $€ 600$.

## Required:

(a) Record the above transactions in Vanessa Vella's ledger accounts and balance off the accounts on 15 January 2022.
(b) Prepare a Trial Balance as at 15 January 2022.

## Capital Account

| 2022 | Details | C | $\mathbf{2 0 2 2}$ | Details | C |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

Bank Account

| 2022 | Details | $\mathbf{C}$ | $\mathbf{2 0 2 2}$ | Details | $\boldsymbol{C}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |

Cash Account

| 2022 | Details | C | 2022 | Details | C |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

Purchases Account

| 2022 | Details | E | 2022 | Details | C |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

Sales Account

| 2022 | Details | $\boldsymbol{C}$ | $\mathbf{2 0 2 2}$ | Details | $\boldsymbol{C}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Water and Electricity Account

| $\mathbf{2 0 2 2}$ | Details | $\mathbf{C}$ | $\mathbf{2 0 2 2}$ | Details | $\boldsymbol{C}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |


| Pam Farrugia (Trade Payable) Account |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2022 | Details | $\mathbf{C}$ | $\mathbf{2 0 2 2}$ | Details | $\boldsymbol{C}$ |  |
|  |  |  |  |  |  |  |


| Jim Desira (Trade Receivable) Account |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathbf{2 0 2 2}$ | Details | $\mathbf{C}$ | $\mathbf{2 0 2 2}$ | Details | $\boldsymbol{C}$ |  |
|  |  |  |  |  |  |  |

## SECTION B

## This section carries 35 marks.

## Question 6

At 31 December 2021 Daniela's Trial Balance included the following balances:

| Motor vehicles at cost | C | C |  |
| :--- | :---: | :---: | :---: |
| Fixtures \& fittings at cost | 80,000 |  |  |
| Accumulated depreciation - motor vehicles |  | 35,000 |  |
| Accumulated depreciation - fixtures $\&$ fittings |  |  | 15,200 |
| Purchases $\&$ sales |  | 29,500 | 45,000 |
| Inventory (1/1/2021) |  | 5,700 |  |
| Carriage inwards |  | 750 |  |
| Returns outwards |  |  | 170 |
| Trade receivables $\&$ trade payables |  | 25,000 | 18,000 |
| Wages $\&$ salaries | 6,000 |  |  |
| Advertising |  | 1,900 |  |
| Other expenses | 2,500 |  |  |

Daniela's inventory at 31 December 2021 was valued at €6,400.

## Required:

a) Complete the following statement to calculate Daniela's Gross Profit for the year ended 31 December 2021.

Statement of profit or loss for the year ended 31 December 2021

| Sales | c |  |  |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |
| Cost of Sales |  |  |  |
| Opening Inventory |  |  |  |
| Purchases |  |  |  |
| Carriage Inwards |  |  |  |
| Returns Outwards |  |  |  |
| Closing Inventory |  |  |  |
| Gross Profit |  |  |  |

b) At the end of the financial year the following additional information has been provided by Daniela:
i) Wages and salaries still outstanding at 31 December 2021 amount to $€ 1,200$.
ii) A general allowance of $2 \%$ of trade receivables at year end is to be created.
iii) The business provides a full year depreciation on the assets held at the end of the year as follows:

| Motor Vehicles | $10 \%$ reducing balance method |
| :--- | :--- |
| Fixtures and fittings | $20 \%$ straight line method |

Complete the Statement of Profit or Loss and the Statement of Financial Position extracts below showing the amounts to be included in the financial statements at year end, using the information provided from the list of balances in the Trial Balance and the additional end of year adjustments:

Statement of profit or loss for the year ended 31 December 2021 (extract)

|  |  | C |  |
| :--- | :--- | :--- | :--- |
| Expenses |  |  |  |
| Wages and salaries |  |  |  |
| Adverting |  |  |  |
| Other expenses |  |  |  |
| Allowance for trade receivables |  |  |  |
| Depreciation: motor vehicles |  |  |  |
| Depreciation: fixtures and fittings |  |  |  |

Statement of financial position as at 31 December 2021 (extract)

|  | C | c | C |
| :---: | :---: | :---: | :---: |
| Non-Current Assets | Cost | Accumulated Depreciation | NBV |
| Motor Vehicles |  |  |  |
| Fixtures \& fittings |  |  |  |
|  |  |  |  |
|  |  |  |  |
| Current Assets |  |  |  |
| Inventory |  |  |  |
| Trade Receivables |  |  |  |
| Allowance for Trade receivables |  |  |  |
|  |  |  |  |
| Current Liabilities |  |  |  |
| Trade payables |  |  |  |
| Accrued expenses |  |  |  |

(Total: $\mathbf{2 0}$ marks)

## Question 7

a) Match the statement in column A with the term in column B. The first statement has already been matched.

|  | COLUMN A |  | COLUMN B |
| :--- | :--- | :--- | :--- |
| i | A payment in advance for insurance. |  | Accrued expense |
| ii | An unpaid water \& electricity bill at the end of <br> the year. | i | Prepaid expense |
| iii | Profits and assets are not to be overestimated <br> and liabilities should not be underestimated. | Accruals concept |  |
| iv | Expenses incurred in the day-to-day running <br> of the business. | Revenue expenditure |  |
| v | The main accounting concept in accounting <br> for depreciation. | Prudence concept |  |
| vi | The purchase of a machine. | Capital expenditure |  |

b) Matthew has the following information for the financial year ended 31 December 2021 relating to his business:

- Telephone expenses

Telephone expenses of $€ 600$ each month are incurred by the business. During the year $€ 5,400$ were paid by cheque. At 31 December 2021 bills for the period 1 October 2021 to 31 December 2021 were still outstanding.

- Rent payable

Matthew rented an office for his business on 1 July 2021 for $€ 6,000$ annually. On that date he paid the rent for 12 months for the period 1 July 2021 to 30 June 2022 by cheque.

- Allowance for Trade receivables

The business maintains a general allowance for trade receivables of $5 \%$. Trade receivables at 31 December 2021 amount to $€ 25,000$. On 1 January 2021 the balance of the allowance for trade receivables was $€ 1,000$.

## Required:

i) The telephone expenses account.

Telephone Expenses account

| 2021 | Details | C | 2021 | Details | C |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 31 Dec | Bank |  | 31 Dec | Profit \& Loss |  |
| 31 Dec | Bal c/d |  |  |  |  |
|  |  |  |  |  |  |
| 2022 |  |  | 2022 |  |  |
|  |  |  | 1 Jan | Bal b/d |  |
|  |  |  |  |  |  |

ii) The rent payable account.

| Rent payable account |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2021 | Details | C | 2021 | Details | C |
| 31 Dec | Bank |  | 31 Dec | Profit \& Loss |  |
|  |  |  | 31 Dec | Bal c/d |  |
|  |  |  |  |  |  |
| 2022 |  |  | 2022 |  |  |
| 1 Jan | Bal b/d |  |  |  |  |
|  |  |  |  |  |  |

iii) The allowance for trade receivables account.

| Allowance for trade receivables account |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2021 | Details | C | 2021 | Details | C |
| 31 Dec | Bal c/d |  | 1 Jan | Bal b/d |  |
|  |  |  | 31 Dec | Profit \& Loss |  |
|  |  |  |  |  |  |
| 2022 |  |  | 2022 |  |  |
|  |  |  | 1 Jan | Bal b/d |  |
|  |  |  |  |  |  |

iv) In the space provided below, state what each of the following entries in the commission receivable account marked (i), (ii) and (iii) convey.
(3)

| Commission receivable account |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2021 | Details | C | 2021 | Details | C |
| 31 Dec | Profit \& Loss (i) | 2,250 | 31 Dec | Bank (ii) | 2,000 |
|  |  |  | 31 Dec | Bal c/d (iii) | 250 |
|  |  | 2,250 |  |  | 2,250 |
| 2022 |  |  | 2022 |  |  |
| 1 Jan | Bal b/d | 250 |  |  |  |
|  |  |  |  |  |  |

(Total: 15 marks)

## SECTION C

## This section carries $\mathbf{3 0}$ marks.

## Question 8

a) Choose the correct word/phrase from the following table to complete the sentences below. Each word/phrase is to be used only once.

| incomplete records | statement of affairs |
| :--- | :--- |
| depreciation | double-entry |

With $\qquad$ bookkeeping a business transaction is recorded in two accounts. Every debit entry has a corresponding credit entry. When a business is using single-entry to record its transactions it will have $\qquad$ . The $\qquad$ is $a$ summary of the assets and liabilities of a business. The difference between the opening and closing book value balances of a non-current asset is the $\qquad$ for the year.
b) Maria has been in business for a number of years, but she did not keep proper books of account. She has asked you to help her.

## 1 January 2021

Non-current assets (book value)
Bank
Inventory at cost
Trade receivables
Trade payables
Loan

A summary of Maria's bank statements for the year to 31 December 2021 includes:

| $€$ | $€$ |  |  |
| :--- | :---: | :---: | :---: |
| Receipts from trade receivables | 207,300 | Payments to trade payables | 152,000 |

## Required:

i. Calculate Maria's capital on 1 January 2021.
ii. In the space provided below, state what each of the following entries in the trade receivables control account marked (i), (ii), (iii) and (iv) convey.

Trade receivable control account

| 2021 | Details | C | 2021 | Details | C |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 Jan | Bal b/d (i) | 18,000 | 31 Dec | Bank (ii) | 210,000 |
| 31 Dec | Sales (iii) | 200,000 | 31 Dec | Bal c/d (iv) | 8,000 |
|  |  | 218,000 |  |  | 218,000 |
| 2022 |  |  | 2021 |  |  |
| 1 Jan | Bal b/d | 8,000 |  |  |  |
|  |  |  |  |  |  |

(Total: 10 marks)

## Question 9

Leo is a sole trader who operates in the catering industry. He asks for your assistance to help him identify and correct accounting errors. Upon investigating the following errors were discovered:
i. Proceeds of $€ 10,000$ from a loan were deposited in the bank but no entries were made in the books.
ii. A cash payment of $€ 150$ for stationery was recorded in the books as $€ 15$.
iii. Motor vehicle expenses of $€ 5,000$ were incorrectly recorded in the motor vehicles account.
iv. A cash sale of $€ 500$ was debited in the sales account and credited in the cash account.

## Required:

a) Prepare the journal entries to correct the above errors (narratives are not required).


This space may be used for workings and/or rough work:
b) List the name of each of the above (i) to (iv) errors.
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$

## Question 10

a) Choose the correct word/phrase from the following table to complete the sentences below. Each word/phrase is to be used only once.

| allocated | floor area | gross profit margin | apportioned |
| :---: | :---: | :---: | :---: | Katrina runs a small business operating a cafeteria and selling grocery goods from the same premises. The $\qquad$ measures the profit generated by the sales of each department. The salary paid to the cafeteria manager is directly $\qquad$ to the cafeteria whereas rent is $\qquad$ between the cafeteria and the grocery department using the basis of $\qquad$ .

b) List TWO users of financial statements.
$\qquad$
$\qquad$
$\qquad$
c) List and explain ONE main characteristic of accounting information.
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
d) Identify TWO different categories of employment in the financial and accounting sectors and distinguish between the services offered by each sector.
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
(Total: 10 marks)

## Specimen Assessments：Controlled Paper LEVEL 2－3

## MATRICULATION AND SECONDARY EDUCATION CERTIFICATE <br> EXAMINATIONS BOARD

L－Università ta＇Malta

## SECONDARY EDUCATION CERTIFICATE LEVEL

SAMPLE PAPER

| SUBJECT： | Accounting |
| :--- | :--- |
| PAPER NUMBER： | Level $\mathbf{2 - 3}$ |
| DATE： |  |
| TIME： | 2 Hours |

## Answer ALL questions．

Answer ALL the questions in the accounts，formats and spaces provided．There may be more space than you need．Some questions must be answered with a cross in a box $\boxtimes$ ．If you change your mind about an answer，put a line through the box $⿴ 囗 十$ and then mark your new answer with a cross $\boxtimes$ ．

Calculators may be used．The total mark for this paper is 100．The marks for each question are shown in brackets．Use this as a guide as to how much time to spend on each question．

## SECTION A

This section carries 35 marks．

## Question 1

a．A withdrawal of cash from the bank for the proprietor＇s personal use has the following effect：Decrease in assets and increase in capital．Decrease in assets and decrease in capitalDecrease in assets and increase in liabilities．None of the above．
b．The sales returns account is found in the：General ledger．Sales ledger．Sales returns journal．
Sales journal．
c．A debit balance in the bank statement represents：An unpresented cheque．A direct debit．An overdraft．A bank deposit．
d. Which of the following is not classified as a variable cost?Purchase of raw material.Power to run the machines.Factory rent.Sales commission.

## Question 2

On 31 March 2022 the bank account in the cash book of Green Box showed a credit balance of $€ 4,320$. A bank statement was received on the same date but showed a different balance from that in the cash book.

Upon investigation it was noted that:

- Cheques amounting to $€ 1,280$ paid to suppliers were not presented to the bank for payment.
- A credit transfer of $€ 6,640$ from a customer had not been entered in the cash book.
- Cheques received from customers amounting to $€ 860$ and deposited into the bank have not yet been included in the bank statement.


## Required:

a) An updated cash book (bank account columns) as at 31 March 2022.

| Details | C | $\mathbf{2 0 2 2}$ | Details | C |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |

b) A bank reconciliation statement at 31 March 2022.

c) A business employs 100 workers who are paid a basic rate of $€ 5$ per hour for a normal 40 labour hours per week. Employee deductions total $20 \%$ of gross wages. Record the above in the wages account, and in the national insurance and income tax account for March 2022, assuming a 4week period.

| 2022 | Details | C | 2022 | Details | C |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
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## Question 3

Kurt received the following invoices from two of his suppliers during the first week of March 2022:

|  | Roland | Byron |
| :--- | :---: | :---: |
| Goods: List Price | 2 March | 3 March |
| Trade Discount | $€ 2,000$ | $€ 1,000$ |
|  | $20 \%$ | $10 \%$ |

A VAT rate of $10 \%$ is applied on all purchases.

## Required:

a. Prepare the purchases journal.

| A |  | B | C | D | E |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Purchases Journal |  |  |  |  |
| 2 | 2022 |  | Net | VAT | Gross |
| 3 |  |  |  | $10 \%$ |  |
| 4 |  |  | $€$ | $€$ | € |
| 5 |  |  |  |  |  |
| 6 |  |  |  |  |  |
| 7 |  |  |  |  |  |
| 8 |  |  |  |  |  |
| 9 |  |  |  |  |  |
| 10 |  |  |  |  |  |
| 11 |  |  |  |  |  |
| 12 |  |  |  |  |  |

b. Write down the formula that should be included in Cell D5 to calculate the VAT so that the correct cell referencing is kept when copying it to other cells in Column D.
$\square$
c. Open the purchases ledger accounts which would be affected by the above invoices and make the necessary entries.

| 2022 | Details | C | 2022 | Details | C |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
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(Total: 5 marks)

## Question 4

| - | A | B | C | D | E | F |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Bank account |  |  |  |  |  |
| 2 | 2021 | Details | Debit | Credit | Balance |  |
| 3 |  |  | € | € | € |  |
| 4 | Dec-01 | Capital a/c | 25,000 |  | 25,000 |  |
| 5 | Dec-03 | Cash a/c |  | 150 |  |  |
| 6 | Dec-08 | Purchases a/c |  | 760 |  |  |
| 7 | Dec-12 | Rent a/c |  | 500 |  |  |
| 8 | Dec-18 | Drawings a/c |  | 300 |  |  |
| 9 | Dec-23 | Furniture a/c |  | 2,400 |  |  |
| 10 | Dec-27 | Wages a/c |  | 800 |  |  |
| 11 | Dec-28 | Commission a/c | 480 |  |  |  |
| 12 | Dec-29 | Furniture a/c | 300 |  |  |  |
| 13 |  |  |  |  |  |  |

a. A business uses a spreadsheet package to record its financial transactions using the running balance. An extract of the bank account entries for December 2021 is shown above. Write down the formula that should be used in cell E5 to correctly calculate the balance.
$\square$
b. Calculate and write down in cell E12 the closing balance of the bank account at 31 December 2021.
c. An extract of a sales invoice is shown below. Complete the invoice with the missing figures in the total column.

| - | A | B | C | D |
| :---: | :---: | :---: | :---: | :---: |
| 1 | Quantity | Description | Unit price | Total |
| 2 |  |  | € | € |
| 3 | 5 | Photocopy paper | 8.20 |  |
| 4 | 10 | Files | 2.00 |  |
| 5 | 8 | Folders | 3.50 |  |
| 6 |  |  |  |  |
| 7 |  |  |  |  |
| 8 |  |  |  |  |
| 9 |  |  |  |  |
| 10 |  |  | Discount 10\% |  |
| 11 |  |  |  |  |
| 12 |  |  | L DUE |  |
| 13 |  |  |  |  |

d. Write down the formula that should be used in cell D12 to correctly calculate the total amount due.
$\square$
(Total: 6 marks)

## Question 5

Fun \& Play Ltd will be introducing a new game, Sibt Teżor, on the market before the Christmas season. The company believes that the board game will be successful, but it is aware that the demand will vary depending on the selling price. The costs to produce this game and the proposed selling price are the following:

|  | C |
| :--- | :---: |
| Direct material cost per unit | 8 |
| Direct labour cost per unit | 7 |
| Variable overhead cost per unit | 3 |
| Fixed costs for the period | 33,150 |
| Selling price | 35 |

The marketing team has established that at this selling price, 3,600 games will be sold.

## Required

a. Provide a statement showing the contribution per unit and the forecast profit for the period.

|  | c | c |
| :---: | :---: | :---: |
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| b. Calculate the break-even point in units. |  |  |

$\square$
c. The general manager is not convinced that the selling price should be $€ 35$. He suggests a selling price of $€ 30$ to sell more games. At this selling price the quantity of sales is expected to be 4,100 games. Calculate the profit for this proposal.

(Total: $\mathbf{1 0}$ marks)

## SECTION B

## This section carries 35 marks.

## Question 6

The following trial balance was extracted from the ledger accounts of Tom's business on 31 December 2021 after the calculation of gross profit:

|  | C | C |
| :---: | :---: | :---: |
| Property (cost and accumulated depreciation 1/01/2021) | 392,000 | 26,200 |
| Machinery (cost and accumulated depreciation 1/01/2021) | 80,000 | 32,000 |
| Inventory (31/12/2021) | 31,000 |  |
| Gross profit |  | 265,000 |
| Wages \& salaries | 64,200 |  |
| Maintenance | 14,700 |  |
| Office expenses | 4,200 |  |
| Water \& electricity | 3,500 |  |
| Insurance | 4,800 |  |
| Discounts | 1,800 | 2,500 |
| Printing \& stationery | 2,100 |  |
| Communication expenses | 15,600 |  |
| Rent | 6,000 |  |
| Trade receivables and payables | 28,000 | 19,000 |
| Allowance for receivables (1/01/2021) |  | 1,100 |
| Cash \& bank | 500 | 2,300 |
| Commission received |  | 1,900 |
| 5\% Loan |  | 50,000 |
| Loan interest | 2,500 |  |
| Capital |  | 280,000 |
| Drawings | 29,100 |  |
|  | 680,000 | 680,000 |

At the end of the financial year the following information has been provided:
i) The business rents a warehouse for $€ 600$ monthly.
ii) The insurance payments include an annual payment of $€ 1,600$ for the year ending 30 June 2022.
iii) A general allowance of $5 \%$ of trade receivables at year end is to be maintained.
iv) The business provides a full year depreciation on the assets held at the end of the year as follows:

Property
Machinery
$2 \%$ straight line method
20\% straight line method

This space may be used for workings and/or rough work:

## Required:

a. The statement of profit or loss for the year ended 31 December 2021 starting from gross profit.

Statement of profit or loss for the year ended 31 December 2021

b. The statement of financial position as at 31 December 2021.

Statement of financial position as at 31 December 2021
Statement of financial position as at $\mathbf{3 1}$ December 2021

## Question 7

The following information for the financial year ended 31 December 2021 relates to the business of Sarah:

- Rent Receivable

The business receives $€ 2,500$ rent monthly. On 1 January 2021 one month rent was in arrears and on 31 December 2021 two months' rent were still to be collected.

- Allowance for Depreciation - equipment

The following information relates to the equipment owned by the business:

|  | Cost | Depreciation |
| :--- | :---: | :---: |
| 1 January 2021 | $€ 75,000$ | $€ 38,500$ |

On 1 April 2021, equipment purchased on 1 April 2019 for $€ 20,000$ was sold for $€ 7,000$.
On the same date new equipment was bought for $€ 12,000$.
It is the policy of the business to depreciate equipment at $20 \%$ on cost annually, charging depreciation for each month of ownership.

## Required:

In the space provided overleaf, for the year ended 31 December 2021, prepare the:
a) Rent receivable account.
b) Allowance for depreciation account.
c) Asset disposal account.

This space may be used for workings and/or rough work:

| 2021 | Details | C | 2021 | Details | C |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

(Total: 15 marks)

## SECTION C

## This section carries $\mathbf{3 0}$ marks.

## Question 8

Kim has been in business for a number of years selling sports wear and sports equipment. She did not keep proper books of account but with the help of her son who is studying accounting she was able to extract the following details from the few records that are available.

1 January 2021
31 December 2021
Inventory at cost Cash in hand Trade receivables

| $€$ | $€$ |
| ---: | ---: |
| 45,000 | 48,100 |
| 300 | 200 |
| 75,500 | 70,500 |

A summary of Kim's bank statements for the year to 31 December 2021 includes:

|  | $€$ | $€$ |  |
| :--- | ---: | :--- | ---: |
| Receipts from trade receivables | 680,100 | Purchases | 478,200 |
| Cash sales banked | 17,300 |  | 4 |

- The business sales are mainly on credit. However, Kim has a few customers who pay immediately in cash. Cash sales are banked with the exception of $€ 3,500$ each month which Kim keeps for her personal use.


## Required:

a) The cash account.
b) The sales ledger control account.
c) An extract of the statement of profit or loss showing the calculation of gross profit for the year ended 31 December 2021.

| 2021 | Details | C | 2021 | Details | C |
| :---: | :---: | :---: | :---: | :---: | :---: |
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| 2021 | Details | C | 2021 | Details | C |
| :---: | :---: | :---: | :---: | :---: | :---: |
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Statement of profit or loss for the year ended 31 December 2021

(Total: 10 marks)

## Question 9

Spot's financial year ended on 31 March 2022.
The net profit for the year was estimated at $€ 36,770$. After careful examination of the books, it was discovered that the following omissions and errors had been made:
i. An account receivable of $€ 2,050$ had been declared bankrupt. No accounting entries have been made.
ii. Maintenance $€ 4,500$ had been posted in the account of premises.
iii. A cash sale of $€ 780$ had been entered only in the cash book.

## Required:

a. Journal entries to correct the above errors (narratives are not required).
b. A statement to correct net profit.

Journal


Statement to correct net profit

|  | C | C | C |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
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(Total:10 marks)

## Question 10

The following are a few of the accounting ratios of two businesses operating in the same industry sector:

|  | Impress Ltd | Excel Ltd |
| :--- | ---: | ---: |
| Return on capital employed | $25 \%$ | $20 \%$ |
| Gross profit margin | $17 \%$ | $25 \%$ |
| Net profit margin | $10 \%$ | $15 \%$ |

a. Which business has the better profitability?
$\qquad$
$\qquad$
b. Which business has lower expenses in relation to its sales?
$\qquad$
$\qquad$
c. State TWO possible reasons for the lower gross profit margin of Impress Ltd.
$\qquad$
$\qquad$

$\qquad$

This space may be used for workings and/or rough work:
d. List FOUR users of financial statements.
e. Distinguish between primary and secondary users of accounting information.
$\qquad$
$\qquad$
$\qquad$
$\qquad$
f. Evaluate how accounting may be used as a tool for business and personal finance.
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$\qquad$
(Total: 10 marks)

Specimen Assessments: Controlled Paper (Private Candidates) LEVEL 1-2-3

## MATRICULATION AND SECONDARY EDUCATION CERTIFICATE <br> EXAMINATIONS BOARD

L-Università ta' Malta

## SECONDARY EDUCATION CERTIFICATE LEVEL <br> SAMPLE PAPER - PRIVATE CANDIDATES ONLY

| SUBJECT: | Accounting |
| :--- | :--- |
| PAPER NUMBER: | Level 1-2-3 |
| DATE: |  |
| TIME: | 2 Hours |

## Answer ALL questions.

Answer ALL the questions in the accounts, formats and spaces provided.
Calculators may be used. The total mark for this paper is 100 . The marks for each question are shown in brackets. Use this as a guide as to how much time to spend on each question.

## SECTION A

This section carries 55 marks.

## Question 1

Ninu produces a single model of standard water heaters. The following figures were obtained from the books for the year ended on 31 December 2022.

|  | $\mathbf{C}$ |  | $\mathbf{C}$ |
| :--- | ---: | :--- | ---: |
| Inventories 1 January 2022: |  | Insurance | 18,000 |
| raw materials | 25,000 | Rent | 45,000 |
| work in progress | 16,250 | Administrative salaries | 51,500 |
| Power | 28,500 | Water \& electricity | 14,000 |
| Transport of raw materials | 18,250 | Machinery | 350,000 |
| Royalties | 24,000 | Office equipment | 50,000 |
| Factory cleaning | 12,000 | Advertising | 11,200 |
| Purchases of raw materials | 305,000 | Inventories 31 December $2022:$ | 32,000 |
| Machine maintenance | 27,500 | raw materials | 26,000 |
| Production wages | 301,500 | work in progress | $?$ |
| Indirect materials | 16,000 | finished goods | $?$ |
| Carriage on sales | 4,000 | Sales |  |

Additional information:
i) Production wages include $€ 60,000$ indirect factory wages.
ii) Depreciation is provided on all non-current assets at $10 \%$ of the net book value.
iii) At 31 December 2022, administrative wages of $€ 500$ were still unpaid, whereas advertising of $€ 1,200$ is a payment in advance for January 2023.
iv) The apportionment of expenses between factory and administration is as follows:

|  | Factory expenses | Administrative expenses |
| :--- | :---: | :---: |
| Insurance | $2 / 3$ | $1 / 3$ |
| Rent | $2 / 3$ | $1 / 3$ |
| Water and electricity | $1 / 2$ | $1 / 2$ |

v) During the year, 4,000 water heaters were produced and 3,900 were sold for $€ 300$ each. On 1 January 2022 Ninu did not have any finished water heaters in inventory.

## Required:

a) A manufacturing account for the year ended 31 December 2022.

Manufacturing account for the year ended 31 December 2022


b) Calculate the total production cost of each water heater.
$\qquad$
$\qquad$
$\qquad$
c) Calculate the value of closing inventory of Finished Goods.
$\qquad$
$\qquad$
$\qquad$
$\qquad$
d) A statement of profit or loss for the year ended 31 December 2022. Workings for the valuation of sales revenue are to be clearly shown in the space provided overleaf.

Statement of profit or loss for the year ended 31 December 2022


Use this space to show the working of the Sales value.
e) Ninu's son, Noel has recently started producing school furniture. The following table shows the variable costs, fixed costs and total costs for the production of 200 standard school chairs produced by the factory. Knowing that you are studying accounting he asked you to complete the following table, calculating the costs for the given levels of output.

| Activity level | $\mathbf{0}$ units <br> $\mathbf{C}$ | $\mathbf{2 0 0}$ units <br> $\mathbf{C}$ | $\mathbf{5 0 0}$ units | $\mathbf{C}, 500$ units |
| :---: | :---: | :---: | :---: | :---: |
| Cariable cost | 0 | 2,000 |  |  |
| Fixed cost | 2,000 | 2,000 |  |  |
| Total cost | 2,000 | 4,000 |  |  |

(Total: $\mathbf{3 0}$ marks)

## Question 2

Fashion Ltd is a retail business that has two main departments at its retail outlet in Mosta - Men Clothing and Women Clothing. The following is an extract from the trial balance as at 31 December 2022:

|  | C |
| :--- | :---: |
| Sales |  |
| $\quad$ Men Clothing | 675,000 |
| $\quad$ Women Clothing | 450,000 |
| Inventory at 1 January 2022 |  |
| Men Clothing | 112,500 |
| Women Clothing | 75,000 |
| Non-current assets (Net Book Value) | 300,000 |
| Purchases |  |
| $\quad$ Men Clothing | 300,000 |
| Women Clothing | 187,500 |
| Accrued water and electricity 1 January 2022 | 3,750 |
| Water and electricity payments during the year | 40,500 |
| Salaries | 87,750 |
| Rent | 69,750 |
| Communication expenses | 3,900 |
| Administrative expenses | 67,500 |
| Prepaid insurance 1 January 2022 | 12,000 |
| Insurance payments for the year 31 December 2022 | 54,000 |
| Discounts allowed | 5,000 |
| Transport expenses | 22,500 |
| Advertising | 48,750 |
| Trade receivables | 49,000 |
| Trade payables | 61,500 |
| Bank overdraft | 6,250 |

## Additional information:

i) Inventory as at 31 January 2022:

|  | $\mathbf{C}$ |
| :--- | :---: |
| Men Clothing | 67,000 |
| Women Clothing | 42,000 |

ii) The rent of the business is $€ 72,000$ every year.
iii) Prepaid insurance at 31 December 2022, $€ 6,000$.
iv) Accrued expenses at 31 December 2022 were:

Water \& electricity
Communication expenses
v) Depreciation on non-current assets is to be calculated at the rate of $20 \%$ per annum on the net book value of the assets at year-end.
vi) Expenses are apportioned between the two departments as follows:

- Salaries, administrative expenses, communication expenses, discounts and transport expenses in proportion to turnover;
- Water and electricity, insurance and rent in proportion to floor area;
- Floor area of the respective departments is:
- Men Clothing 75\%
- Women Clothing $25 \%$
- All other expenses are to be apportioned equally between the two departments.

This space may be used for workings and/or rough work:

## Required:

a) A columnar statement of profit or loss for the year ended 31 December 2022, showing the gross profit and the net profit of each department. Total columns are required.
(21)

Statement of profit or loss for the year ended 31 December 2022

b) List the current assets and the current liabilities at 31 December 2022 calculating the total net current assets (working capital).


## SECTION B

## This section carries 45 marks.

## Question 3

a) What is a trial balance? Explain its purpose.
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$\qquad$
$\qquad$
$\qquad$
b) Angela is the proprietor of a retail outlet. She withdraws $€ 2,000$ cash every month for personal use. Show the double entry for the monthly transaction.

Debit (Dr)

## Credit (Cr)

c) Distinguish between assets and liabilities.
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
d) Define the cost concept and explain its importance.
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
e) Prepare a statement of financial position from the following list of balances at 31 December 2022.

|  | $€$ |  | $€$ |
| :--- | :---: | :---: | :---: |
| Premises | 150,000 | Inventory 31 December 2022 | 31,000 |
| Loan | 30,000 | Cash in hand | 100 |
| Capital 1 January 2022 | 195,000 | Accounts Payable | 10,000 |
| Equipment | 20,000 | Net Profit for the year | 55,000 |
| Drawings for the year | 35,000 | Accounts Receivable | 5,000 |
| Machinery | 50,000 | Bank overdraft | 1,100 |

Statement of financial position as at 31 December 2022

(Total: 15 marks)

## Question 4

a) Distinguish between a statement of account, cash sale receipt and a remittance advice.
$\qquad$
$\qquad$
$\qquad$
$\qquad$
b) Explain the difference between a cash transaction and a credit transaction.
$\qquad$
$\qquad$
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$\qquad$
c) On 5 December 2022, A. Presto sold goods, list price $€ 1,000$, to B. Arrivederci. The customer is entitled to a trade discount of $20 \%$.

Assuming a VAT rate of $10 \%$ :
i) Calculate the trade discount.
ii) Calculate the amount receivable by A. Presto according to the invoice issued to the customer.

[^0]iii) Show how the entry for this transaction would appear in A. Presto's Sales Day Book.

## Sales day book

| 2022 |  | Net | Vat | Gross |
| :--- | :--- | :---: | :---: | :---: | :---: |
|  |  | C | C | C |

iv) Prepare A. Presto's account in the sales ledger.

| 2022 | Details | C | $\mathbf{2 0 2 2}$ | Details | C |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |

v) Prepare the VAT account.

| 2022 | Details | $\mathbf{C}$ | $\mathbf{2 0 2 2}$ | Details | $\mathbf{C}$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |

vi) Prepare the Sales account.

| 2022 | Details | $\mathbf{C}$ | 2022 | Details | $\boldsymbol{C}$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |

vii) Define VAT.
d) Differentiate between the accounting treatment of trade and cash discounts.

## Question 5

On 1 December 2022, Carl started business selling fruit and vegetables. He deposited $€ 15,000$ in a bank account and started trading.

The following transactions were recorded in his first week of operations:
Dec 1 Purchased a small van for $€ 14,000$ paying a deposit of $€ 2,500$ by cheque.
Dec 2 Purchased inventory from another supplier and paid $€ 950$ by cheque.
Cash sales for the day amounted to $€ 2,100$.
Dec 3 Deposited $€ 1,800$ into the bank account.
Cash sales for the day amounted to $€ 3,200$.
Dec 5 Carl took $€ 800$ from the cash box for his personal use and deposited all the rest of the cash into bank except for $€ 200$.

## Required:

a) Draw up and balance Carl's cash book for the first week of business.

| 2022 | Details | Cash | Bank | 2022 | Details | Cash | Bank |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | C | C |  |  | C | C |
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b) Explain the following terms:
i. the use of the cash book.
$\qquad$
$\qquad$
$\qquad$
$\qquad$
ii. the purpose of a bank statement.
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$\qquad$
iii. a bank overdraft.
(1)
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iv. gross wage.
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$\qquad$
$\qquad$
v. net wage.
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$\qquad$
$\qquad$
vi. income tax.
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$\qquad$
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$\qquad$
c) On 31 December 2022 the bank account in Carl's cash book showed a debit balance of $€ 2,150$. On the same date, the business received the bank statement, but it had a different balance from that in the cash book.

Upon examining the bank statement, it was realised that:

- Cheques received $€ 1,800$ and deposited into the bank had not been included in the bank statement.
- Cheques paid to suppliers $€ 1,300$ were not yet presented to the bank.


## Required:

A bank reconciliation statement at 31 December 2022.

(Total: 15 marks)


[^0]:    This space may be used for workings and/or rough work:

