



UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS  
International General Certificate of Secondary Education

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**ACCOUNTING**

**0452/23**

Paper 2

**October/November 2010**

**1 hour 45 minutes**

Candidates answer on the Question Paper.  
No Additional Materials are required.

**READ THESE INSTRUCTIONS FIRST**

Write your Centre number, candidate number and name on all the work you hand in.

Write in dark blue or black pen.

You may use a soft pencil for any diagrams or graphs.

Do not use staples, paper clips, highlighters, glue or correction fluid.

**DO NOT WRITE IN ANY BARCODES.**

Answer all questions.

You may use a calculator

Where layouts are to be completed, you may not need all the lines for your answer.

The businesses mentioned in this question paper are fictitious.

At the end of the examination, fasten all your work securely together.

The number of marks is given in brackets [ ] at the end of each question or part question.

| For Examiner's Use |  |
|--------------------|--|
| <b>1</b>           |  |
| <b>2</b>           |  |
| <b>3</b>           |  |
| <b>4</b>           |  |
| <b>5</b>           |  |
| <b>Total</b>       |  |

This document consists of **19** printed pages and **1** blank page.



- 1 The following is the profit and loss appropriation account of Silston Ltd for the year ended 31 October 2010.

For  
Examiner's  
Use

|  |              |               |
|--|--------------|---------------|
|  | \$           | \$            |
| Profit for the year (Net profit)           |              | 18 200        |
| Less Transfer to general reserve           | 3 000        |               |
| Preference share dividend proposed         | 1 600        |               |
| Ordinary share dividend paid               | 1 200        |               |
| Ordinary share dividend proposed           | <u>3 600</u> | <u>9 400</u>  |
| Profit retained in the year                |              | 8 800         |
| Balance brought forward from previous year |              | <u>2 200</u>  |
| Balance carried forward to next year       |              | <u>11 000</u> |

The following information is also available at 31 October 2010.

|  |         |
|--|---------|
|  | \$      |
| Issued share capital – 4% Preference shares of \$1 each  | 40 000  |
| Ordinary shares of \$1 each                              | 80 000  |
| 3% Debentures of \$100 each                              | 20 000  |
| Inventory (stock)  | 13 350  |
| Trade payables (creditors)                               | 6 500   |
| Trade receivables (debtors)                              | 11 200  |
| Provision for doubtful debts                             | 224     |
| Cash   | 210     |
| Bank overdraft   | 2 736   |
| Non-current (fixed) assets at cost                       | 174 000 |
| Provision for depreciation of non-current (fixed) assets | 26 100  |
| General reserve at 1 November 2009                       | 4 000   |

### REQUIRED

- (a) Prepare the balance sheet of Silston Ltd at 31 October 2010.



(b) State **two** differences between ordinary shares and preference shares.

(i) .....

.....

(ii) .....

..... [4]

(c) State **two** features of debentures.

(i) .....

.....

(ii) .....

..... [4]

[Total: 21]

For  
Examiner's  
Use

- 2 Lynda Chomba is a trader. Her financial year ends on 30 September. Lynda Chomba has only a limited knowledge of accounting and employs a bookkeeper to maintain her accounting records.

The following account appeared in Lynda Chomba's ledger.

| Lynda Chomba<br>Capital account |               |                   |               |
|---------------------------------|---------------|-------------------|---------------|
|                                 | \$            |                   | \$            |
| 2010                            |               | 2009              |               |
| Sept 30 Purchases               | 4 220         | Oct 1 Balance b/d | 25 400        |
| Loss for the year<br>(Net loss) | 1 970         | 2010              |               |
| Balance c/d                     | <u>24 210</u> | Jan 2 Bank        | 5 000         |
|                                 | <u>30 400</u> |                   | <u>30 400</u> |
|                                 |               | 2010              |               |
|                                 |               | Oct 1 Balance b/d | 24 210        |

For candidates who are not familiar with the layout of the account shown above, an alternative presentation is provided below.

| Lynda Chomba<br>Capital account |       |        |           |
|---------------------------------|-------|--------|-----------|
|                                 | Debit | Credit | Balance   |
|                                 | \$    | \$     | \$        |
| 2009                            |       |        |           |
| Oct 1 Balance                   |       | 25 400 | 25 400 Cr |
| 2010                            |       |        |           |
| Jan 2 Bank                      |       | 5 000  | 30 400 Cr |
| Sept 30 Purchases               | 4 220 |        | 26 180 Cr |
| Loss for the year (net loss)    | 1 970 |        | 24 210 Cr |

**REQUIRED**

- (a) Explain the following entries in the above account.

State where the double entry for **each** transaction would have been made.

Bank - 2 January 2010

Explanation .....

.....

.....

.....

Double entry ..... [3]

Purchases - 30 September 2010

For  
Examiner's  
Use

Explanation .....

.....

.....

Double entry ..... [3]

Loss for the year (net loss) - 30 September 2010

Explanation .....

.....

.....

Double entry ..... [3]

(b) Explain the significance of the \$24 210 shown at the end of the account.

.....

.....

..... [2]

(c) (i) Explain the business entity principle.

.....

.....

..... [2]

(ii) Give **one** example of how the bookkeeper applied this principle when he prepared Lynda Chomba's capital account.

.....

..... [1]

- (d) When a cheque was paid for repairs to equipment the bookkeeper credited the bank and debited the repairs account.

Name the accounting principle the bookkeeper has applied.

..... [1]

- (e) The bookkeeper did not make any entries in the accounting records to show the value to the business of the highly skilled workforce.

Name the accounting principle the bookkeeper has applied.

..... [1]

The bookkeeper has suggested to Lynda Chomba that the ledger should be divided into three sections – the sales ledger, the purchases ledger and the general ledger.

He also suggested that control accounts should be maintained for the sales ledger and the purchases ledger.

**REQUIRED**

- (f) State **two** advantages of dividing the ledger into three sections.

(i) .....

.....

(ii) .....

..... [2]

- (g) State where the bookkeeper would obtain the relevant figure for **each** of the following items which would appear in the purchases ledger control account.

- (i) Purchases returns

..... [1]

- (ii) Interest charged by creditors on overdue accounts

..... [1]

- (iii) Discount received from creditors.

..... [1]

Lynda Chomba's creditors allow her a period of 60 days in which to pay her account.

On 30 September 2010 Lynda Chomba owed her creditors \$9260. Her purchases for the year ended 30 September 2010 were

|                  |        |
|------------------|--------|
|                  | \$     |
| cash purchases   | 3 500  |
| credit purchases | 48 500 |

For  
Examiner's  
Use

**REQUIRED**

**(h) (i)** Calculate the payment period for trade payables (creditors).

Your answer should be rounded up to the next whole day.

Show your workings.

.....

.....

.....

..... [3]

**(ii)** Explain how Lynda Chomba's payment period for trade payables (creditors) may be affected by the collection period for trade receivables (debtors).

.....

.....

..... [2]

**[Total: 26]**



- 3 The Mokolodi Athletics Club was formed on 1 August 2009.

In addition to providing sports facilities for members, the Club also has a shop selling sports clothing. All the shop sales are made on a cash basis.

The treasurer provided the following summary of the cash book for the year ended 31 July 2010.

| Receipts                              | \$   | Payments                   | \$   |
|---------------------------------------|------|----------------------------|------|
| Subscriptions                         | 7950 | Sports equipment           | 6100 |
| Shop sales                            | 7500 | Purchases of shop supplies | 2950 |
| Open day ticket sales                 | 840  | Open day expenses          | 690  |
| Interest-free loan from Sport for All | 6000 | Rent                       | 5200 |
|                                       |      | Insurance                  | 1700 |
|                                       |      | General expenses           | 1990 |
|                                       |      | Repairs and maintenance    | 1070 |
|                                       |      | Wages – Groundsman         | 2500 |
|                                       |      | – Shop assistant           | 1470 |

Additional information:

- 1 The Club has 170 members. The annual subscription is \$50.

On 31 July 2010

15 members still owed their subscription for the current year.

4 members had paid their subscription for the year ending 31 July 2011.

- 2 At 31 July 2010

|  |      |
|--|------|
|  | \$   |
| Creditors for shop supplies were owed    | 550  |
| Shop inventory (stock) was valued at     | 650  |
| Shop assistant's wages owing amounted to | 90   |
| General expenses prepaid amounted to     | 140  |
| Sports equipment was valued at           | 5400 |

- 3 It was decided that 20% of the rent should be charged to the shop.

**REQUIRED**

*For  
Examiner's  
Use*

- (a) Prepare the shop income statement (trading account) of the Mokolodi Athletics Club for the year ended 31 July 2010.

Mokolodi Athletics Club  
Shop Income Statement (Trading Account) for the year ended 31 July 2010

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..... [8]



(c) A member of the Club is worried because the surplus or deficit in the income and expenditure account does not agree with the bank balance on 31 July 2010.

*For  
Examiner's  
Use*

Explain **one** reason why the surplus or deficit does not equal the bank balance.

.....  
.....  
.....  
..... [2]

**[Total: 24]**

- 4 Ameena Saber started a business on 1 September 2008. On that date she purchased equipment, \$12 200, on credit from Bashir Supplies. She purchased additional equipment, \$9300, on 1 May 2010 and paid by cheque.

Ameena Saber decided to depreciate equipment at 15% per annum using the straight line (equal instalment) basis. The depreciation was to be calculated from the date of purchase. No depreciation was to be charged in the year of disposal.

**REQUIRED**

- (a) Define depreciation.

.....  
 .....  
 ..... [1]

- (b) State **two** causes of depreciation.

- (i) .....
- (ii) ..... [2]

- (c) (i) Name **one** accounting principle which is applied when providing for depreciation of non-current (fixed) assets.

..... [1]

- (ii) Explain why the accounting principle named in (i) above is applied when providing for depreciation of non-current (fixed) assets.

.....  
 .....  
 .....  
 ..... [2]

- (d) Write up the equipment account and the provision for depreciation of equipment account in Ameena Saber's ledger for **each** of the years ended 31 August 2009 and 31 August 2010.

Where traditional "T" accounts are used they should be balanced at the end of each year, and the balance brought down on the first day of the following financial year.

Where three column running balance accounts are used the balance column should be up-dated after each entry.

Ameena Saber  
Equipment account

For  
Examiner's  
Use

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..... [3]

Provision for depreciation of equipment account

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.....  
..... [5]

On 30 September 2010 Ameena Saber sold one quarter of the equipment she had purchased on 1 September 2008 as it was no longer suitable. She received \$900 in cash.

For  
Examiner's  
Use

Ameena Saber opened an account in her ledger to record the disposal of equipment.

**REQUIRED**

- (e) Prepare entries in Ameena Saber's journal to record the disposal of the equipment on 30 September 2010.

Narratives **are** required.

Ameena Saber  
Journal

|       | Debit<br>\$ | Credit<br>\$ |
|-------|-------------|--------------|
| ..... | .....       | .....        |
| ..... | .....       | .....        |
| ..... | .....       | .....        |
| ..... | .....       | .....        |
| ..... | .....       | .....        |
| ..... | .....       | .....        |
| ..... | .....       | .....        |
| ..... | .....       | .....        |
| ..... | .....       | .....        |
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| ..... | .....       | .....        |
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| ..... | .....       | .....        |
| ..... | .....       | .....        |
| ..... | .....       | .....        |
| ..... | .....       | .....        |
| ..... | .....       | .....        |

[9]

[Total: 23]

5 Mark Utaka prepared the following trial balance **after** the calculation of the gross profit for the year ended 31 October 2010.

For  
Examiner's  
Use

|                                   |                |                |
|-----------------------------------|----------------|----------------|
|                                   | \$             | \$             |
| Gross profit                      |                | 85 000         |
| Expenses                          | 49 000         |                |
| Inventory (stock) 31 October 2010 | 41 000         |                |
| Non-current (fixed) assets        | 300 000        |                |
| Trade receivables (debtors)       | 36 000         |                |
| Trade payables (creditors)        |                | 38 000         |
| Bank                              | 27 000         |                |
| Capital 1 November 2009           |                | <u>330 000</u> |
|                                   | <u>453 000</u> | <u>453 000</u> |

Additional information:

- 1 The cost of sales was \$340 000.
- 2 The non-current (fixed) assets were purchased on 30 September 2010. No depreciation is charged in the year of purchase.

**REQUIRED**

(a) Calculate the following ratios. The calculations should be correct to **two** decimal places.

Show your workings.

(i) Percentage of gross profit to sales

.....

.....

.....

.....

.....

..... [3]

(ii) Percentage of profit for the year (net profit) to sales

.....

.....

.....

.....

..... [3]



(iii) Return on capital employed (ROCE), using the capital on 1 November 2009

.....  
.....  
.....  
.....  
..... [2]

For  
Examiner's  
Use

(b) State **three** reasons why **each** of the above ratios is important to Mark Utaka.

(i) Percentage of gross profit to sales

1 .....  
.....  
2 .....  
.....  
3 .....  
..... [3]

(ii) Percentage of profit for the year (net profit) to sales

1 .....  
.....  
2 .....  
.....  
3 .....  
..... [3]

(iii) Return on capital employed (ROCE)

1 .....

.....

2 .....

.....

3 .....

..... [3]

Mark Utaka provided the following information about his inventory (stock).

|                                   | Cost   | Net realisable value |
|-----------------------------------|--------|----------------------|
|                                   | \$     | \$                   |
| Inventory (stock) 1 November 2009 | 39 000 | 42 000               |
| Inventory (stock) 31 October 2010 | 43 000 | 41 000               |

**REQUIRED**

(c) State the difference between cost and net realisable value.

.....

.....

.....

..... [2]

(d) Explain why the inventory (stock) at 31 October 2010 was included in the financial statements (final accounts) at net realisable value rather than at cost.

.....

.....

..... [2]

After the preparation of the income statement (trading account) for the year ended 31 October 2010 it was discovered that the inventory (stock) on 1 November 2009 had been included at net realisable value.

For  
Examiner's  
Use

**REQUIRED**

- (e) Complete the following table to indicate the effect of this error on the cost of sales, the gross profit and the net profit for the year ended 31 October 2010.

Place a tick (✓) under the correct heading to indicate whether the items would be overstated or understated.

|                                  | Overstated | Understated |
|----------------------------------|------------|-------------|
| Cost of sales                    |            |             |
| Gross profit                     |            |             |
| Profit for the year (Net profit) |            |             |

[3]

- (f) Explain **two** ways in which Mark Utaka could improve his rate of inventory (stock) turnover.

(i) .....

.....

(ii) .....

.....

[2]

[Total: 26]

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