# UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS 

## MARK SCHEME for the June 2004 question papers

## 0452 ACCOUNTING

0452/01
0452/02
Paper 1 (Multiple Choice), maximum mark 40
Paper 2 (Structured Questions), maximum mark 90
0452/03 Paper 3 (Structured Questions - Extended), maximum mark 100

These mark schemes are published as an aid to teachers and students, to indicate the requirements of the examination. They show the basis on which Examiners were initially instructed to award marks. They do not indicate the details of the discussions that took place at an Examiners' meeting before marking began. Any substantial changes to the mark scheme that arose from these discussions will be recorded in the published Report on the Examination.

All Examiners are instructed that alternative correct answers and unexpected approaches in candidates' scripts must be given marks that fairly reflect the relevant knowledge and skills demonstrated.

Mark schemes must be read in conjunction with the question papers and the Report on the Examination.

- CIE will not enter into discussion or correspondence in connection with these mark schemes.

CIE is publishing the mark schemes for the June 2004 question papers for most IGCSE and GCE Advanced Level syllabuses.

Grade thresholds taken for Syllabus 0452 (Accounting) in the June 2004 examination.

|  | maximum | minimum mark required for grade: |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  | mark <br> available | A | C | E | F |
| Component 1 | 40 | - | 24 | 18 | 15 |
| Component 2 | 90 | 80 | 66 | 46 | 32 |
| Component 3 | 100 | 72 | 48 | - | - |

The threshold (minimum mark) for $B$ is set halfway between those for Grades $A$ and $C$. The threshold (minimum mark) for $D$ is set halfway between those for Grades $C$ and $E$. The threshold (minimum mark) for G is set as many marks below the F threshold as the E threshold is above it.
Grade A* does not exist at the level of an individual component.

## INTERNATIONAL GCSE

| MARK SCHEME |
| :---: |
| MAXIMUM MARK: 40 |
| SYLLABUS/COMPONENT: 0452/01 |
| ACCOUNTING |
| Paper 1 (Multiple Choice) |


| Page 1 | Mark Scheme | Syllabus | Paper |
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|  | ACCOUNTING - JUNE 2004 | 0452 | 1 |


| Question Number | Key | Question Number | Key |
| :---: | :---: | :---: | :---: |
| 1 | B | 21 | A |
| 2 | B | 22 | B |
| 3 | B | 23 | B |
| 4 | A | 24 | D |
| 5 | C | 25 | B |
| 6 | B | 26 | A |
| 7 | A | 27 | B |
| 8 | B | 28 | C |
| 9 | C | 29 | A |
| 10 | A | 30 | A |
| 11 | B | 31 | A |
| 12 | A | 32 | A |
| 13 | B | 33 | C |
| 14 | B | 34 | A |
| 15 | B | 35 | A |
| 16 | D | 36 | D |
| 17 | A | 37 | A |
| 18 | B | 38 | C |
| 19 | B | 39 | D |
| 20 | B | 40 | D |

TOTAL 40

## INTERNATIONAL GCSE

| MARK SCHEME |
| :---: |
| MAXIMUM MARK: 90 |
| SYLLABUS/COMPONENT: 0452/02 |
| ACCOUNTING |
| Paper 2 (Structured Questions) |


| Page 1 | Mark Scheme | Syllabus | Paper |
| :---: | :---: | :---: | :---: |
|  | ACCOUNTING - JUNE 2004 | 0452 | 2 |


| Question Number |  | Part Mark |
| :---: | :---: | :---: |
| 1 (a) | Machinery, equipment, premises, motor vehicles, or acceptable alternatives | 1 |
| (b) $\begin{array}{ll}\text { (i) } \\ & \text { (ii) } \\ & \text { (iii) }\end{array}$ | Invoice | 1 |
|  | Purchases Journal/Purchases Day Book/Purchases Book/Purchases | 1 |
| (c) (i) | $\$$ |  |
|  | Cost46000   <br>  $6000(1)$ 40000 | 2 |
|  | - scrap value $\quad \underline{6000(1)}=\frac{40000}{5}=8000(1)$ |  |
| (ii) | $\frac{8000}{40000(1)} \times 100=\frac{20 \%(1)}{} \mathrm{OF}$ | 2 |
| (d) | Use of incorrect figure in first place, with double entry carried out correctly for wrong amount. (Suitable example acceptable.) | 1 |
| (e) | Customer is in same type of trade; for bulk purchases, or acceptable alternative. Accept: To enable customer to make profit. | 1 |
| (f) | Suspense account. | 1 |
| (g) | ROCE (or N.P. as \%age of capital employed); GP: sales; NP: sales. Gross profit margin, Net profit margin. | 1 |
| (h) | \$ |  |
|  | Paid in year 18000 |  |
|  | $\frac{4000}{22000}$ |  |
|  | - Balance at 1/4/03 3000 (1) |  |
|  | P/L charge $\quad 19000$ (1) | 3 |
|  |  | 15 |



| Page 2 | Mark Scheme | Syllabus | Paper |
| :---: | :---: | :---: | :---: |
|  | ACCOUNTING - JUNE 2004 | 0452 | 2 |



| Page 3 | Mark Scheme | Syllabus | Paper |
| :---: | :---: | :---: | :---: |
|  | ACCOUNTING - JUNE 2004 | 0452 | 2 |



| Page 4 | Mark Scheme | Syllabus | Paper |
| :---: | :---: | :---: | :---: |
|  | ACCOUNTING - JUNE 2004 | 0452 | 2 |



## INTERNATIONAL GCSE

## MARK SCHEME

## MAXIMUM MARK: 100

SYLLABUS/COMPONENT: 0452/03

ACCOUNTING
Paper 3 (Structured Questions - Extended)

| Page 1 | Mark Scheme | Syllabus | Paper |
| :---: | :---: | :---: | :---: |
|  | ACCOUNTING - JUNE 2004 | 0452 | 3 |

## Question 1

(a)

Insurance account

| 2003 | \$ | 2004 | \$ |
| :---: | :---: | :---: | :---: |
| April 1 Balance | 60 (1) | Mar 31 Profit \& Loss | 258 (1)O/F |
| July 1 Bank | $\underline{264}$ (1) | Balance c/d | $\underline{66}$ (1) |
|  | $\underline{324}$ |  | 324 |
| 2004 |  |  |  |
| April 1 Balance b/d | $\begin{array}{ll} 66 & (1) \\ \\ \text { O/F } \end{array}$ |  |  |

[6]

## Alternative presentation

Insurance account

|  | Debit | Credit | Balance |
| :--- | :---: | :---: | :---: |
| 2003 | $\$$ | $\$$ | $\$$ |
| April 1 Balance | $60(1)$ |  | 60 Dr |
| July 1 Bank | $264(1)$ |  | 324 Dr |
| 2004 |  | $258(1)$ | 66 Dr <br> Mar 31 Profit \& Loss <br>  <br>  <br>  <br>  <br>  <br>  <br>  <br>  <br> (2)C/F <br> (1)O/F |

## [6]

(b) (i) A narrative is a brief explanation of why the entry is being made.

## [1]

(ii) A narrative is necessary because of the great variety of transactions which are recorded in the journal, so the reason for each entry can be understood in the future.

| Page 2 | Mark Scheme | Syllabus | Paper |
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(c)

## Journal

| 1. | Drawings <br> Purchases <br> Goods taken for own use | $\begin{aligned} & \text { Debit } \\ & \$ \\ & 60 \quad \text { (1) } \end{aligned}$ | $\begin{aligned} & \text { Credit } \\ & \$ \\ & 60(1) \end{aligned}$ |
| :---: | :---: | :---: | :---: |
| 2. | Motor vehicles <br> Motor expenses PJ Motors <br> Purchase of new motor on credit and repairs to old motor | $\begin{array}{r} 15000(1) \\ 600 \text { (1) } \end{array}$ | $15600 \text { (1) }$ |
| 3. | Stationery <br> Purchases <br> Correction of error, stationery debited to purchases account (1) | 20 (1) | 20 (1) |

[10]

## [Total 19]

## Question 2

(a)

## Playground Company

Manufacturing Account for the year ended 31 December 2003

|  | \$ | \$ |
| :---: | :---: | :---: |
| Cost of raw material |  |  |
| Purchases | 48500 (1) |  |
| Less Closing stock of raw material | $\underline{2700(1)}$ | 45800 |
| Direct factory wages (26900 + 650) |  | 27550 (1) |
| Prime Cost (1) |  | 73350 (1) |
| Factory indirect wages | 18400 |  |
| Factory general expenses | 4930 \} (1) |  |
| Factory fuel and power (4700 + 150) | 4850 (1) |  |
| Depreciation - Factory machinery | 1450 (1) | 29630 |
|  |  | 102980 (1) O/F |
| Less Closing stock of work in progress |  | 1920 (1) |
| Cost of Production(1) |  | 101060 (1) O/F |

## Horizontal format acceptable

| Page 3 | Mark Scheme | Syllabus | Paper |
| :---: | :---: | :---: | :---: |
|  | ACCOUNTING - JUNE 2004 | 0452 | 3 |

(b)

## Playground Company

## Trading Account for the year ended 31 December 2003

## Sales

## \$ <br> \$

Less Cost of sales
Cost of Production
Less Closing stock of finished goods Gross Profit

101060 (1) O/F
4910 (1) 96150 (1) O/F 55250 (1) O/F
[5]

## Horizontal format acceptable

(c) Reasons why departmental final accounts are required -

More meaningful than a single set of results
Identifies the profit of each department
Enables trading results to be analysed
Enables overall profitability to be increased
Poor performance of a department can be identified and investigated
Or other suitable points
Any 2 points (1) each
[Total 19]

## Question 3

(a) When suspense account is required When a trial balance fails to balance
(b) The second error requires a correcting entry in the suspense account (1)

This is required because this error affects the balancing of the trial balance (2)

| Page 4 | Mark Scheme | Syllabus | Paper |
| :---: | :---: | :---: | :---: |
|  | ACCOUNTING - JUNE 2004 | 0452 | 3 |

(c)

## Mary Manake <br> Balance Sheet as at 30 April 2004

|  | \$ | \$ | \$ |
| :---: | :---: | :---: | :---: |
| Fixed Assets |  |  |  |
| At cost (40000-5000) |  | 35000 (1) |  |
| Less Depreciation (8000-500) |  | 7500 (1) | 27500 |
| Current Assets |  |  |  |
| Stock |  | 8500 |  |
| Debtors |  | 6100 |  |
| Prepayments |  | $\begin{gathered} 30(1) \\ 14630(1) \mathrm{O} / \mathrm{F} \end{gathered}$ |  |
| Current Liabilities |  |  |  |
| Creditors | 5200 |  |  |
| Bank overdraft (2010 + 70) | 2080 (1) | 7280 (1)O/F |  |
| Working Capital |  |  | $\frac{7350}{34850}^{(1) O / F}$ |
| Capital |  |  |  |
| Balance at 1 May 2003 |  |  | 34000 |
| Net Profit (8440 + 30-70 + 150-400) |  |  | 8150 |
| (1) (1) (1) (2) |  |  | 42150 |
| Drawings |  |  | $\begin{array}{r} 7300 \\ 34850 \\ \hline \end{array}(1) \mathrm{O} / \mathrm{F}$ |

Presentation (1)
Horizontal presentation acceptable

## Question 4

(a) Reason for providing a provision for doubtful debts -

Ensures that the profits are not overstated (prudence)
Ensures that the debtors are shown in the Balance Sheet at a more realistic amount (prudence)
Application of the matching principle as the amount of sales unlikely to be paid for are treated as an expense of that particular year

Or other suitable reason.
Any one reason (2) marks

| Page 5 | Mark Scheme | Syllabus | Paper |
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|  | ACCOUNTING - JUNE 2004 | 0452 | 3 |

(b) (i)

Ahmed account

| 2003 | $\$$ | 2003 | $\$$ |
| :--- | :--- | :--- | :--- |
| May 1 Sales | $100(1)$ | July 31 Bank | $80(1)$ |
| 2004 | Jan 31 Bad debts | $\underline{\underline{20}(1)}$ |  |
|  | $\underline{100}$ | $\underline{100}$ |  |

[3]
(ii)

Bad debts account

| 2004 | $\$$ | 2004 | $\$$ |
| :--- | :--- | :--- | :---: |
| Jan 31 Ahmed | $\underline{20}(1)$ | Mar 31 Profit \& Loss | $\underline{20}(1)$ |
|  | $\underline{20}$ |  | $\underline{20}$ |

[2]
(iii)

Bad debts recovered account

| 2004 | $\$$ | 2003 | $\$$ |
| :--- | :--- | :--- | :--- |
| Mar 31 Profit \& Loss* | $\frac{50}{50}(1)$ | Sept 1 Cash** | $\underline{50}(1)$ |
|  | $\underline{50}$ |  |  |

*Alternatively transfer to Bad debts account, in which case the transfer from Bad debts account to Profit \& Loss Account will be $\$ 30$ on the debit side of Bad debts account
** Alternatively allow "Zaki", as may be using method where the amount is credited to customer's account and then debited and transferred to bad debts recovered account
[2]
(iv)

Provision for doubtful debts account

| 2004 | \$ | 2003 |  | \$ |
| :---: | :---: | :---: | :---: | :---: |
| Mar 31 Profit \& Loss | 50(2) | April 1 Balance | b/d | 250(1) |
| Balance c/d | 200(1) |  |  |  |
|  | $\underline{250}$ |  |  | $\underline{250}$ |
|  |  | 2004 |  |  |
|  |  | April 1 Balance | b/d | $\begin{array}{r} 200(1) \\ 0 / F \end{array}$ |

[5]

| Page 6 | Mark Scheme | Syllabus | Paper |
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|  | ACCOUNTING - JUNE 2004 | 0452 | 3 |

(b) Alternative presentation
(i)

Ahmed account

|  | Debit | Credit | Balance |
| :--- | :---: | :---: | :---: |
| 2003 | $\$$ | $\$$ | $\$$ |
| May 1 Sales | $100(1)$ |  | 100 Dr |
| July 31 Bank |  | $80(1)$ | 20 Dr |
| 2004 |  | $20(1)$ | 0 |
| Jan 31 Bad debts |  |  |  |

[3]
(ii)

Bad debts account

|  | Debit | Credit | Balance |
| :--- | :---: | :---: | :---: |
| 2004 \$ | $\$$ | $\$$ | 20 Dr |
| Jan 31 Ahmed | $20(1)$ |  | 0 |
| Mar 31 Profit \& Loss |  | $20(1)$ |  |

[2]
(iii)

Bad debts recovered account

| 2003 1 Cash** | Debit | Credit | Balance |
| :--- | :---: | :---: | :---: |
| Sept | $\$$ | $\$$ | 5 |
| 2004 |  |  |  |
| Mar 31 Profit \& Loss* |  | $50(1)$ | 50 Cr |
|  | $50(1)$ |  | 0 |

*Alternatively transfer to Bad Debts account, in which case the transfer from Bad debts account to Profit \& Loss Account will be $\$ 30$ on the debit side of Bad debts account
** Alternatively allow "Zaki", as may be using method where the amount is credited to customer's account and then debited and transferred to bad debts recovered account
[2]
(iv)

Provision for doubtful debts account

|  | Debit | Credit | Balance |
| :--- | :--- | :--- | :--- |
| 2003 | $\$$ | $\$$ | $\$$ |
| April 1 Balance |  | $250(1)$ | 250 Cr |
| 2004 |  |  | 200 Cr |
| Mar 31 Profit \& Loss | $50(2)$ |  | (2) C/F |
|  |  |  | (1) O/F |

[5]

| Page 7 | Mark Scheme | Syllabus | Paper |
| :---: | :---: | :---: | :---: |
|  | ACCOUNTING - JUNE 2004 | 0452 | 3 |

(c)
(i) Write Zanetti's account off as a bad debt (1)

Amount now outstanding for over 1 year with little hope of recovery (1) Or other acceptable explanation
(ii) No entries in accounting records are necessary (1)

Account is still likely to be paid, there is no evidence yet that it will not be paid by Lim (1)
Or other acceptable explanation
(iii) Create a provision for doubtful debts of $\$ 280$ (1)

Must ensure that he does not overstate his net profit for the year (1) Or other acceptable explanation
[6]
[Total 20]

## Question 5

(a) (i) Margin - when the gross profit is expressed as a percentage of the selling price
(ii) Mark-up - when the gross profit is expressed as a percentage of the cost price
[2]
(b) (i)

| Year ended 31 January 2004 |  |  |
| :--- | :--- | :---: |
| Gross profit as a percentage of sales | $\frac{25200}{90000} \times \frac{100}{1}=$ | $28 \%(1)$ |
| Net profit as a percentage of sales | $\frac{10800}{90000} \times \frac{100}{1}=$ | $12 \%(1)$ |
| Collection period for debtors | $\frac{6300}{66000(1)} \times \frac{365}{1}=$ | 35 days (1) <br> (34.84 days) |
| Payment period for creditors | $5 \frac{5700}{52000(1)} \times \frac{365}{1}=$ | 40 days (1) |


| Page 8 | Mark Scheme | Syllabus | Paper |
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|  | ACCOUNTING - JUNE 2004 | 0452 | 3 |

(b) (ii) All responses to be based on own figure calculations in (b) (i)

Gross profit as a percentage of sales -
Purchasing goods more cheaply
Reducing trade discounts to customers
Increasing selling prices
Net profit as a percentage of sales-
Increase in gross profit percentage
Reduction in expenses
Differences in types of expenses (fixed/variable)

Collection period for debtors -
Less efficient credit control
Allowing longer credit to maintain sales
Not allowing cash discounts to debtors
Payment period for creditors -
Shortage of liquid funds
Knock-on effect of debtors taking longer to pay
Suppliers not allowing cash discounts

In each case other suitable points acceptable
In each case - any 2 points (1) each
(c) Interested parties -

Zaraki (Proprietor) -
Assessment of past performance
Planning for the future
Identifying areas where corrective action is required
Manager (if any) -
Assessment of past performance
Planning for the future
Identifying areas where corrective action is required
Bank manager -
Assessment of prospects of any requested loan/overdraft being repaid when due Assessment of prospects of any interest on loan/overdraft being paid when due Assessment of the security available to cover any loan/overdraft

Lenders -
Assessment of prospects of any requested loan being repaid when due
Assessment of prospects of interest on loan being paid when due
Assessment of the security available to cover the loan
Creditors for goods -
Assessment of the liquidity position
Identifying how long the business normally takes to pay creditors
Identifying future trading prospects of the business
In each case other suitable reasons acceptable
Three parties to be identified - (1) each giving a total of (3)
One reason required in each case - (1) giving a total of (3)
[Total 24]

