UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS

International General Certificate of Secondary Education

MARK SCHEME for the June 2004 question papers

	0452 ACCOUNTING
0452/01	Paper 1 (Multiple Choice), maximum mark 40
0452/02	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 available	А	С	Е	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
	ACCOUNTING – JUNE 2004	0452	1

Question Number	Key	Question Number	Key
1	В	21	Α
2	В	22	В
3	В	23	В
4	Α	24	D
5	С	25	В
6	В	26	Α
7	Α	27	В
8	В	28	С
9	С	29	Α
10	Α	30	Α
11	В	31	Α
12	Α	32	Α
13	В	33	С
14	В	34	Α
15	В	35	Α
16	D	36	D
17	Α	37	Α
18	В	38	С
19	В	39	D
20	В	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)	(i)	Invoice	1
		(ii) (iii)	Purchases Journal/Purchases Day Book/Purchases Book/Purchases Sales Ledger/Sales	1 1
	(c)	(i)	\$ Cost 46000 - scrap value $\frac{6000(1)}{5} = \frac{40000}{5} = 8000(1)$	2
		(ii)	$\frac{8000}{40000(1)} \times 100 = \frac{20\%(1)}{0} \text{OF}$	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 + Balance at 31/3/04 4000 (1) 22000 - Balance at 1/4/03 3000 (1) P/L charge 19000 (1)	3 15

Question Number					Part Mark
2	(a)	(i) (ii) (iii) (iv) (v) (vi) (vii)	\$25000 Assets \$3000 Creditors Capital \$20000 Drawings	(1) (1) (1) (1) (1) (1) (1)	7
	(b)	(i) (ii)	$\$ \frac{40000}{20000} (1) = 2:1 (1)$ $\$ \frac{40000 - 24000}{20000 (1)} (1) = 0.8:1 (1)$	Must be shown as ratio n:1	2
					12

Page 2	Mark Scheme	Syllabus	Paper
	ACCOUNTING – JUNE 2004	0452	2

Questi Numb			Part Mark
3 (a)	(i)	Purchases account	
		\$	
Total/P	urch	4 Purchases for month 50000 (1) ases Journal Day Book/Creditors	
		Purchases returns account	
		30 April 2004 Returns for month 6000 (1) (accept as above)	
		Sales account	
		\$ 30 April 2004 Sales for month (accept as above)	
		Sales returns account	
30 April		\$ 04 Returns for month 8000 (1) (accept as above)	4
		or details and correct amount in correct column. Lose 1 mark for any wrong or missing date	
	(ii)	Nominal (General) Ledger	1
(b)		1. Carriage inwards is added to cost of Purchases/Cost of Goods sold (1) in	
		the Trading A/c/Trading and Profit and Loss A/c (1) 2. Carriage outwards is shown as an expense (1) in the P/L A/c/Trading and Profit and Loss A/c (1)	4
(c)	(i)	Error of principle	1
	(ii)		
		Purchases/Cost of Goods sold are overstated (1), so Gross profit/Net	
		Profit/Profit is understated (1) 2. <u>Balance Sheet</u>	
		Office equipment/fixed assets is understated (1) Capital/Net profit/profit is understated (1)	4
	(iii)	DR CR \$ \$	
		Office equipment (machinery) 10000 (1)	
		Purchases 10000 (1)	2 16

Page 3	Mark Scheme	Syllabus	Paper
	ACCOUNTING – JUNE 2004	0452	2

	uesti lumb			Part Mark
4	(a)	(i)	Debtors \$ \$ Balances at 1/4/03 8000 (1) 8000 (1) Add Sales for year 90000 (1) 98000	
			Less Cash received 83000 (1) Discount allowed 5000 (1) 88000 (1) Balances at 31/3/04 10000 (1)	
		(ii)	Creditors Balances at 1/4/03 6000 (1) Add Purchases for year 77000 (1)	
			Less Cash paid 74000 (1) Discount received 3000 (1) 77000 (1) Balances at 31/3/04 6000 (1)	10
	(b)		Trading Account for the year ended 31 March, 2004 (1) (1) \$ \$ Sales (90000 + 10000) 100000 Less Cost of goods sold Stock 1/4/03 14000 (1) Add Purchases 77000 (1) 91000 Less Stock 31/3/04 16000 (1) 75000 (1) Needs words "Cost of Goods Sold"	
			Gross Profit	7
	(c)	(i)	$\frac{75000}{15000}$ (1) OF = 5 times (1) OF	
		(ii)	Any Profitability aspect Basic statement = 1 one of: Stock replacement Suitable development = 1 Comparisons Max. mark 2 Identifying causes of fluctuations Remedial/corrective action	2
				23

Page 4	Mark Scheme	Syllabus	Paper
	ACCOUNTING – JUNE 2004	0452	2

Question Number		Part Mark
Less Disc Ger Rer Dep	count received	11
(ii) Net profit Less Inf W Co	Appropriation Account for the year ended 30 April 2004 \$ \$ \$ b/d \$ 18000 erest on capital: bod (10% x \$70000) 7000 (2) be (10% x \$20000) 2000 (2) 9000 blary - Coe 15000 (1) 24000 b mark if shown in P/L A/c) (6000) hares of loss:	
W Co	$\frac{2000}{3}$ $\frac{2}{3}$ $\frac{2000}{3}$ 2000	9
(b)	Interest on drawings discourages large or early cash withdrawals (2) Thus could improve cash/working capital position (2) Also produces additional residual income/profits for division between partners (2) Any 2 from 3, maximum 4.	4 24

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 a	account
\$	20

	modiano do		
2003	\$	2004	\$
April 1 Balance	60 (1)	Mar 31 Profit & Loss	258 (1)O/F
July 1 Bank	<u>264</u> (1)	Balance c/d	<u>66</u> (1)
_	324		324
2004			
April 1 Balance b/d	66 (1)		
·	O/F		

+ (1) Dates

[6]

Alternative presentation

Insurance account

	Debit	Credit	Balance		
2003	\$	\$	\$		
April 1 Balance	60 (1)		60 Dr		
July 1 Bank	264 (1)		324 Dr		
2004	, ,				
Mar 31 Profit & Loss		258 (1)	66 Dr		
		Ò/F	(2)C/F		
			(1)O/F		
			()		

+ (1) Dates

[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.

[2]

Page 2	Mark Scheme		Paper
	ACCOUNTING – JUNE 2004		3

(c)

Journal

4	During	Debit \$	Credit \$
1.	Drawings Purchases Goods taken for own use (1)	60 (1)	60 (1)
2.	Motor vehicles Motor expenses PJ Motors Purchase of new motor on credit and repairs to old motor (1)	15 000 (1) 600 (1)	15 600 (1)
3.	Stationery Purchases 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	48 500 (1)	
Less Closing stock of raw material	<u>2 700 (1)</u>	45 800
Direct factory wages (26900 + 650)		<u>27 550 (1)</u>
Prime Cost (1)		73 350 (1)
Factory indirect wages	${18400\atop 4930}$ (1)	
Factory general expenses	4 930 } (1)	
Factory fuel and power (4700 + 150)	4 850 (1)	
Depreciation – Factory machinery	<u>1 450</u> (1)	<u>29 630</u>
		102 980 (1) O/F
Less Closing stock of work in progress		<u>1 920 (1)</u>
Cost of Production(1)		101 060 (1) O/F
		[12]

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 151 400 **(1)**

Less Cost of sales

Cost of Production 101 060 (1) O/F

Less Closing stock of finished goods 4 910 (1) 96 150 (1) O/F Gross Profit 55 250 (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

[2]

[Total 19]

Question 3

(a) When suspense account is required – When a trial balance fails to balance

[1]

(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)

[3]

Page 4	Mark Scheme	Syllabus	Paper
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(c)

Mary Manake

Balance Sheet as at 30 April 2004

Fixed Assets	\$	\$	\$
At cost (40000 – 5000) Less Depreciation (8000 – 500)		35 000 (1) <u>7 500</u> (1)	27 500
Current Assets Stock Debtors Prepayments		8 500 6 100 <u>30</u> (1) 14 630 (1) O/F	
Current Liabilities Creditors Bank overdraft (2010 + 70) Working Capital	5 200 2 080 (1)	_7 280 (1) O /F	<u>7 350</u> (1) O/F <u>34 850</u>
Capital Balance at 1 May 2003 Net Profit (8440 + 30 – 70 + 150 – 40 (1) (1) (1) (2) Drawings			34 000 <u>8 150</u> 42 150 <u>7 300</u> <u>34 850</u> (1)O/F

Presentation (1)

Horizontal presentation acceptable

[14]

[Total 18]

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

[2]

Page 5	Mark Scheme		Paper
	ACCOUNTING – JUNE 2004		3

(b) (i)

Ahmed account

2003	\$	2003	\$
May 1 Sales	100 (1)	July 31 Bank 2004	80(1)
	100	Jan 31 Bad debts	<u>20</u> (1) <u>100</u>

[3]

(ii)

Bad debts account

2004 Jan 31 Ahmed	\$ <u>20</u> (1) <u>20</u>	2004 Mar 31 Profit & Loss	\$ <u>20</u> (1) <u>20</u>
		[0]	

[2]

(iii)

Bad debts recovered account

2004 Mar 31 Profit & Loss*	\$ <u>50</u> (1) <u>50</u>	2003 Sept 1 Cash**	\$ <u>50</u> (1) <u>50</u>

^{*}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

[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	<u>200</u> (1) <u>250</u>	2004		<u>250</u>
		April 1 Balance	b/d	200 (1) O /F

[5]

[12]

^{**} 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

Page 6	Mark Scheme	Syllabus	Paper
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(b) Alternative presentation

(i)

Ahmed account

2003 May 1 Sales July 31 Bank 2004 Jan 31 Bad debts	Debit \$ 100 (1)	Credit \$ 80(1) 20(1)	Balance \$ 100 Dr 20 Dr
		[3]	

[3]

(ii)

Bad debts account

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

[2]

(iii)

Bad debts recovered account

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

[2]

(iv)

Provision for doubtful debts account

1 TO VISION TO LOCABILITY GODES GOOD ATT			
	Debit	Credit	Balance
2003	\$	\$	\$
April 1 Balance		250 (1)	250 Cr
2004			
Mar 31 Profit & Loss	50 (2)		200 Cr
			(2) C/F
			(1) O/F
			, ,

[5]

[12]

^{**} 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

Page 7	Mark Scheme	Syllabus	Paper
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(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	<u>25200</u> x <u>100</u> = 90000 1	28% (1)	[6]	
Net profit as a percentage of sales	$\frac{10800}{90000} \times \frac{100}{1} =$	12% (1)		
Collection period for debtors	6300 x 365 = 66000(1) 1	35 days (1) (34.84 days)		
Payment period for creditors	<u>5700</u> x <u>365</u> = 52000 (1) 1	40 days (1)		

3]

Page 8	Mark Scheme	Syllabus	Paper
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(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

[8]

(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)

[6]

[Total 24]