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.



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

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

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.

June 2004

INTERNATIONAL GCSE

MARK SCHEME

MAXIMUM MARK: 40

SYLLABUS/COMPONENT: 0452/01

ACCOUNTING Paper 1 (Multiple Choice)



Page 1	1 Mark Scheme		Scheme	Syllabus	Paper
		ACCOUNTING	G – 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	A	37	A	
	18	В	38	C	
	19	В	39	D	
	20	В	40	D	

TOTAL 40

June 2004

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

	Questi Numb			Part Mark
1	(a)		Machinery, equipment, premises, motor vehicles, or acceptable alternatives	1
	(b)	(i) (ii)	Invoice Purchases Journal/Purchases Day Book/Purchases Book/Purchases	1 1
		(ii) (iii)	Sales Ledger/Sales	1
	(c)	(i)	$ \begin{array}{c} \$ \\ \text{Cost} \\ - \text{ scrap value} \\ \end{array} \begin{array}{c} \frac{6000(1)}{5} = \frac{40000}{5} = 8000(1) \end{array} $	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 \$ + Balance at 31/3/04 4000 (1) - Balance at 1/4/03 3000 (1)	
			P/L charge 19000 (1)	3 15
				15

	Question Number				Part Mark
2	(a)	(i) (ii) (iii) (iv) (v) (vi) (vii)	\$25000 Assets \$3000 Creditors Capital \$20000 Drawings	<pre>(1) (1) (1) (1) (1) (1) (1) (1)</pre>	7
	(b)	(i) (ii)	$\$\frac{40000}{20000} (1) = 2:1 (1)$ $\$\frac{40000 - 24000}{20000 (1)} (1) = 0.8:1 (1)$	Hust be shown as ratio n:1	2 3 12

Page 2		llabus 0452	Paper
	ACCOUNTING – JUNE 2004	J45Z	2
Question Number			Part Mark
3 (a) (i)			
	Purchases account		
Total/Purcl	\$ 04 Purchases for month 50000 (1) nases Journal Day Book/Creditors		
	Purchases returns account		
		\$	
	30 April 2004 Returns for month (accept as above)	6000	(1)
	Sales account		
		\$	
	30 April 2004 Sales for month (accept as above)	8500	00 (1)
	Sales returns account		
30 April 20	\$ 04 Returns for month 8000 (1)		
	(accept as above)		4
	for details and correct amount in correct column. Lose 1 mark format also acceptable) wrong or missin]
(ii)	Nominal (General) Ledger		1
(b)	1. Carriage inwards is added to cost of Purchases/Cost of Goods	sold (1)	in
(6)	the Trading A/c/Trading and Profit and Loss A/c (1)	3010 (1)	
	2. Carriage outwards is shown as an expense (1) in the P/L A/c/T Profit and Loss A/c (1)	rading a	and 4
(c) (i)			1
(ii)	Effect on: 1. <u>P/L Account</u>		
	Purchases/Cost of Goods sold are overstated (1), so Gross pro	ofit/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	1000	0 (1) 2
			16

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

(Questi	on		Part
	Numb			Mark
4	(a)	(i)	Debtors \$ \$ Balances at 1/4/03 8000 (1) \$ Add Sales for year 90000 (1) 98000	
			Less Cash received 83000 (1) Discount allowed 5000 (1) 88000 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 (1) 77000 (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 Less Stock 31/3/04 16000 (1) Needs words "Cost of Goods Sold"	
			Gross Profit 25000 (1)OF (Horizontal format also acceptable)	7
	(c)	(i)	$\frac{75000}{15000}$ (1) OF = 5 times (1) OF (2)	
		(ii)	AnyProfitability aspectBasic statement= 1one of:Stock replacementSuitable development= 1ComparisonsMax. mark2Identifying causes of fluctuationsRemedial/corrective action	2
				23

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

	stion nber										Part Mark
5 (a	a) (i)										
			Profit and Los		od and Co		nded 3) Anril	2004		
			i ioni una Eo					\$	\$	5	
	Fross p								5800		
A		ISCO	unt received						<u>100</u> 5900		
	G R D	ene ent epre /age	ount allowed ral expenses eciation es and salaries d	(13000 (1 (20% x \$4	+ 500 (1))) – 3000 (1 40000)) + 1500 (1		200 500 1000 800 1600)0)0)0 (2)			11
(}	Horizor	ntal [.]	format also acce	otable)							
(-											
	(ii))	Appropri	ation Acco	ount for the	yea	r ende	d 30 Aj	oril 2004		
		,			\$			\$		\$	
		Intei Woo Coe Sala	u rest on capital: od (10% x \$7000 (10% x \$20000) ary – Coe mark if shown in		7000 2000	•	2)	9000 15000	_ (1) _	18000 24000 (6000)	
	ç	Sha	res of loss:								
	١	Woo	od $\frac{2}{3}$					4000	(2)OF		
	(Coe	1/3					2000	(2)OF	6000	
			, 0				_			-	9
(}	Horizor	ntal [.]	format also acce	otable)							
	o)		Interest on drawi Thus could impro Also produces a partners (2) Any 2 from 3, ma	ngs discou ove cash/w additional i	orking cap	ital p	positio	า (2)		()	4
			, <u> </u>								24

June 2004

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	<u>264</u> (1)	Balance c/d	<u>66</u> (1)
	324		324
2004			
April 1 Balance b/d	66 (1)		
	Ò/F		

+ (1) Dates

[6]

Alternative presentation

understood in the future.

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	
		Ô/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

[2]

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

(c)

Journal

1.	Drawings Purchases Goods taken for own use (1)	Debit \$ 60 (1)	Credit \$ 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 (</u> 1)
Prime Cost (1)		73 350 (1)
Factory indirect wages	ר 18 400 בי	
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)		<u>101 060 (1) O/F</u>

[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	<u> </u>	<u>96 150</u> (1) O/F
Gross Profit		<u>55 250 (1) O/F</u>
		[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

Question 3

[2]

[Total 19]

(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
	ACCOUNTING – JUNE 2004	0452	3

(c)

Mary Manake

Balanc	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 <u>2 080</u> (1)	<u>7 280</u> (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	Syllabus	Paper
	ACCOUNTING – JUNE 2004	0452	3

(b) (i)

	Ahme	d account	
2003	\$	2003	\$
May 1 Sales	100 (1)	July 31 Bank 2004	80 (1)
		Jan 31 Bad debts	<u>20</u> (1)
	<u>100</u>		<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>
		[2]	

(iii)

Bad debts recovered account

2004	\$	2003	\$
Mar 31 Profit & Loss*	<u>50</u> (1) 50	Sept 1 Cash**	<u>50</u> (1) <u>50</u>
*Alternatively transfer to B from Bad debts account to debit side of Bad debts a	o Profit & Loss	•	
Alternatively allow "Zaki", a is credited to customer's	•		

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 Balance c/d	50 (2) <u>200</u> (1)	April 1 Balance	b/d	250 (1)
	250	2004		250
		2004 April 1 Balance	b/d	200 (1) O/F
				0/1

[5]

[12]

Page 6	Mark Scheme	Syllabus	Paper
	ACCOUNTING – JUNE 2004	0452	3

(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 0
		[3]	

(ii)

Bad debts account

2004 Jan 31 Ahmed Mar 31 Profit & Loss	Debit \$ 20 (1)	Credit \$	Balance \$ 20 Dr
		20 (1) [2]	0

(iii)

Bad debts recovered account

2003 Sept 1 Cash** 2004	Debit \$	Credit \$ 50 (1)	Balance \$ 50 Cr
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

** 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)

Pr	Provision for doubtful debts account			
	Debit	Credit	Balance	
2003	\$	\$	\$	
April 1 Balance 2004		250 (1)	250 Cr	
Mar 31 Profit & Loss	50 (2)		200 Cr (2) C/F (1) O/F	
		[5]		

[12]

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 [2]

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

(b)	(i)
· ·	• •

Year ende	d 31 January 2004		[6]
Gross profit as a percentage of sales	$\frac{25200}{90000} \times \frac{100}{1} =$	28% (1)	_ [0]
Net profit as a percentage of sales	$\frac{10800}{90000} \times \frac{100}{1} =$	12% (1)	
Collection period for debtors	<u>6300</u> x <u>365</u> = 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)	

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

(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]

[8]

[Total 24]