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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.

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

	maximum	minimum mark required for grade:			
	mark available	А	С	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.

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June 2004

INTERNATIONAL GCSE

MARK SCHEME

MAXIMUM MARK: 40

SYLLABUS/COMPONENT: 0452/01

ACCOUNTING
Paper 1 (Multiple Choice)

Page 1	Mark Scheme	Sylla	0	ľ
	ACCOUNTING – JUNE 2004	0452	200	

	Mark Sche		Sylla
	ACCOUNTING -	JUNE 2004	045
Question Number	Key	Question Number	Syllan 045 Key A B B D
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	С
19	В	39	D
20	В	40	D

TOTAL 40

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June 2004

INTERNATIONAL GCSE

MARK SCHEME

MAXIMUM MARK: 90

SYLLABUS/COMPONENT: 0452/02

ACCOUNTING
Paper 2 (Structured Questions)

Page 1	Mark Scheme	Syn	
	ACCOUNTING – JUNE 2004	045	

Question Number	Mbr.
(a) Machinery, equipment, premises, motor vehicles, or acceptable alternatives	ambridge.
(b) (i) Invoice Purchases Journal/Purchases Day Book/Purchases Book/Purchases Sales Ledger/Sales	1 1 1
(c) (i) $\$$ Cost 46000 - scrap value $\frac{6000(1)}{5} = \frac{40000}{5} = 8000(1)$	2
(ii) $\frac{8000}{40000(1)} \times 100 = \frac{20\%(1)}{0}$ 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 Balance at 1/4/03 S 4000 (1) 22000 - Balance at 1/4/03 3000 (1)	
P/L charge <u>19000</u> (1)	3
	15

	Questi Numb				Part Mark
2	(a) (b)	(i) (ii) (iii) (iv) (v) (vii) (viii) (ii)	\$25000 Assets \$3000 Creditors Capital \$20000 Drawings $$\frac{40000}{20000}(1) = 2:1 (1)$ $$\frac{40000 - 24000}{20000 (1)}(1) = 0.8:1 (1)$	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	7 2 3 12

		www.
Page 2	Mark Scheme	Syn
	ACCOUNTING – JUNE 2004	0452

Questi	on	Cal.	bridge.
Numb			Bri.
3 (a)	(i)	Division and and the	So.
		Purchases account \$	
		4 Purchases for month 50000 (1)	
		ases Journal	
Purchas	ses i	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 85000 (1) (accept as above)	
		Sales returns account	
20 4	200	\$ 9000 (1)	
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
(15)		4. Coming invested in added to each of Dumphesse (Coat of Coads and (4) in	
(b)		 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	4
		Profit and Loss A/c (1)	7
(c)	(i)	Error of principle	1
	(ii)	Effect on:	
		 P/L Account Purchases/Cost of Goods sold are overstated (1), so Gross profit/Net 	
		Profit/Profit is understated (1)	
		2. Balance Sheet	
		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

		May .
Page 3	Mark Scheme	Syn
	ACCOUNTING – JUNE 2004	0452
		SC AM
		- /

Questi			Morio
Numb			VI
(a)	(i)	Debtors \$ \$	
		Balances at 1/4/03 8000 (1)	`
		<u>Add</u> Sales for year <u>90000</u> (1) 98000	
		Less Cash received 83000 (1)	
		Discount allowed 5000 (1) 88000	
		Balances at 31/3/04	
		(1)	
	(ii)	Creditors	
		Balances at 1/4/03 6000 (1)	
		<u>Add</u> Purchases for year <u>77000</u> (1) 83000	
		<u>Less</u> Cash paid 74000 (1)	
		Discount received 3000 (1) 77000	
		Balances at 31/3/04	10
		(1)	
(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	
		91000 Less Stock 31/3/04 16000 (1) 75000 (1)	
		Less Stock 31/3/04 10000 (1) 75000 (1) Needs words	
		"Cost of Goods Sold"	
		300	
		Gross Profit <u>25000</u> (1)OF	7
		(Horizontal format also acceptable)	
(0)	/i\	75000 (1) OF = 5 times (1) OF	
(c)	(i)	75000 (1) OF = 5 times (1) OF	
		15000 (2)	
	(ii)	Any Profitability aspect Basic statement = 1	
	\-·/	one of: Stock replacement Suitable development = 1	
		Comparisons Max. mark 2	2
		Identifying causes of fluctuations	
		Remedial/corrective action	
			23

		May .
Page 4	Mark Scheme	Syn
	ACCOUNTING – JUNE 2004	0452

estion Imber						Cambridge
(a) (i)						
		ood and Coe				7
Profit a	nd Loss account	t for the year end	•		ı	
Gross profit Add Discount receive	ed		\$	\$ 58000 1000 59000	(1)	
Less Discount allowe General expens Rent Depreciation Wages and sala Net profit c/d	es (4500 (1) (13000 ((20% x \$) + 500 (1)) 1) – 3000 (1)) 40000) 1) + 1500 (1)) _	2000 (1) 5000 10000 8000 (2) 16000	41000 18000		11
(Horizontal format also	acceptable)					
(ii) Ap	ppropriation Acco	ount for the year	ended 30 Ap	ril 2004		
Net profit b/d Less Interest on cap Wood (10% x \$2 Coe (10% x \$2 Salary – Coe	\$70000) 20000)	\$ 7000 (2) 2000 (2)	9000 15000	(1) _	\$ 18000 24000	
(no mark if sho Shares of loss	,				(6000)	
Wood $\frac{2}{3}$			4000	(2)OF		
Coe $\frac{1}{3}$			2000	(2)OF	6000	
, •				_	-	9
(Horizontal format also	acceptable)					
Thus could Also produ partners (2	d improve cash/wuces additional 2)	urages large or e vorking capital po residual income/	sition (2)		` '	4
Any 2 from	i 3 maximiim 4					

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June 2004

INTERNATIONAL GCSE

MARK SCHEME

MAXIMUM MARK: 100

SYLLABUS/COMPONENT: 0452/03

ACCOUNTING
Paper 3 (Structured Questions – Extended)

Pag	ge 1		cheme 6 – JUNE 2004	0. WA	Paper 3
Questic	on 1	7.0000	00112 2001		Paper 3 3 A STATE OF THE PAPER S
(a)		Insurance acc	count		Se.COT
	2003 April 1 Balance July 1 Bank	\$ 60 (1) 264 (1)	2004 Mar 31 Profit & Loss Balance c/d	\$ 258 (1)O/F <u>66</u> (1)	

Question 1

(a)

	insurance acc	count	
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)
	<u>324</u>		<u>324</u>
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 ACCOUNTIN	Scheme IG – JUNE 2	2004	0. 774	Paper 3
(c)			Journal			OBC BINDS
	1.	Drawings Purchases Goods taken for own use	(1)	Debit \$ 60 (1)	Credit \$ 60 (1)	Ambridge.com
	2.	Motor vehicles		15 000 (1)		

(c)

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 (1)</u>
Prime Cost (1)		73 350 (1)
Factory indirect wages	18 400 7 (4)	
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

		4
Page 3	Mark Scheme ACCOUNTING – JUNE 2004	O. Wy Paper
(b)		Day Manual Paper 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	Playground Company	A Table
	Trading Account for the year ended 31 Dec	cember 2003
Cost of P	st of sales Production 101 060 (1) O/I sing stock of finished goods 4 910 (1) ofit	
Horizont	al format acceptable	[5]
More meanir Identifies the Enables trad Enables over	•	ed [2] [Total 19]
	ense account is required – I balance fails to balance	[1]
(b) The second	error requires a correcting entry in the suspense accou	int (1)
This is requi	red because this error affects the balancing of the trial	balance (2) [3]

Page 4	ACCO	Mark Scheme UNTING – JUNE	2004	O. MAN. A.	Paper 3
					"aCan
		Mary Man	ake		ortic
	Bala	nce Sheet as at	30 April 2004		a, c, C
		\$	\$	\$	3
	sets 20000 – 5000) preciation (8000 – 500)		35 000 (1) <u>7 500</u> (1)	27 500	
Current A	Assets				
Stock			8 500		
Debtors Prepaym	ents		6 100 <u>30</u> (1) 14 630 (1) O /F		
Current L	iabilities		()		
Creditors		5 200			
	erdraft (2010 + 70) Working Capital	<u>2 080</u> (1)	<u>7 280</u> (1) O /F	<u>7 350</u> (1)O/F <u>34 850</u>	
	at 1 May 2003 : (8440 + 30 – 70 + 150 – (1) (1) (1)			34 000 <u>8 150</u> 42 150	
Drawings		(-)		7 300 34 850 (1) O / F	

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 ACCOUNTING – JUNE 2004		0. 44	Paper 3
(b) (i)		Ahme	ed account		adacan
	2003 May 1 Sales	\$ 100 (1)	2003 July 31 Bank 2004	\$ 80 (1)	Sambridge Com
		100	Jan 31 Bad debts	<u>20(1)</u> 100	COM
		<u>100</u>		<u>100</u>	

Ahmed account

2003	\$	2003	\$
May 1 Sales	100 (1)	July 31 Bank 2004	80(1)
	400	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>
		FA1	

[2]

(iii)

Bad debts recovered account

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

^{**} 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 ACCOUNTING – JUNE 200	4	O. WAY	Paper 3
(b) Alternati ^o	ve presentation	Ahmed account			Paper 3 ARDA CAMBARITAGE COM
	2003 May 1 Sales	Debit \$ 100(1)	Credit \$	Balance \$	

(b) Alternative presentation

Ahmed account

\$ 100 (1)	\$ 80 (1)	\$ 100 Dr 20 Dr
	20(1)	0
	\$ 100 (1)	80(1)

[3]

(ii)

Bad debts account

2004 Jan 31 Ahmed Mar 31 Profit & Loss	Debit \$ 20 (1)	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

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

[5]

^{**} 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	Paper
		ACCOUNTING – JUNE 2004	0- Paper 3
(a)			alas
(c)			o'the
(i)	Write Zane	tti's account off as a bad debt (1)	ambridge
		w outstanding for over 1 year with little hope of recovery (1) cceptable explanation	Se.com
(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	

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 ende	d 31 January 2004		[6]
Gross profit as a percentage of sales	<u>25200</u> x <u>100</u> = 90000 1	28% (1)	
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)	

Pa	ge 8	Mark Scheme ACCOUNTING – JUNE 2004	Paper 3
(b) (ii)	All resp	oonses to be based on own figure calculations in (b) (i)	A DaCay
		rofit as a percentage of sales –	Morida
		sing goods more cheaply	St.
		ng trade discounts to customers	200
	Increasi	ng selling prices	Oly
	Net prof	it as a percentage of sales-	
		e in gross profit percentage	
	Reduction	on in expenses	

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

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]