

MARK SCHEME for the May/June 2013 series

0452 ACCOUNTING

0452/22

Paper 2, maximum raw mark 120

This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began, which would have considered the acceptability of alternative answers.

Mark schemes should be read in conjunction with the question paper and the Principal Examiner Report for Teachers.

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Cambridge is publishing the mark schemes for the May/June 2013 series for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level components and some Ordinary Level components.

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1 (a)

Nathan Kershaw
Income Statement for the year ended 31 March 2013

	\$	\$
Income from clients		94 060 (1)
Commission received (1050 (1) + 190 (1))		<u>1 240</u>
		95 300
Wages (42 000 (1) – 7800 (1))	34 200	
Office expenses (6250 (1) + 540 (1))	6 790	
Rates and insurance (10 000 (1) – 600 (1))	9 400	
Depreciation –		
Motor vehicle (25% × (12 480 – 5460))	1 755 (2)	
Office equipment (15% × 9800)	<u>1 470 (2)</u>	<u>53 615</u>
Profit for the year		<u>41 685 (1) OF</u>

[14]

(b)

Error	Effect on profit for the year		
	Overstated \$	Understated \$	No effect
2		210 (2)	
3	10 (2)		
4	150 (2)		

[6]

[Total: 20]

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2 (a)

Valley Music Club
Receipts and Payments Account for the year ended 28 February 2013

		\$		\$
2012			2013	
Mar 1	Balance b/d	3 090 (1)	Feb 28	Rent
2013				Refreshment
Feb 28	Subscriptions	5 000 (1)		suppliers
	Subscriptions	550 (1)		950 (1)
	Concert tickets	1 960 (1)		Concert expenses
	Sale of			2 140 (1)
	Instruments	190 (1)		General expenses
	Refreshment			3 460 (1)
	revenue*	<u>2 750</u> (2) CF (1) OF		Balance c/d
		<u>13 540</u>		4 790
				<u>13 540</u>
2013				
Mar 1	Balance b/d	4 790 (1) for both balances		

+ (1) dates

[13]

Accept any reasonable wording – e.g. sales instead of sale of instruments

(b)

Valley Music Club
Café Income Statement for the year ended 28 February 2013

	\$	\$
Revenue		2750 (1)OF
Cost of sales		
Opening inventory	190	
Purchases (950 (1) + 170 (1))	<u>1120</u>	
	1310	
Less Closing inventory	<u>260</u>	
	1050	
General expenses (¼ × 3460)	865 (1)	
Depreciation fixtures and fittings (2600 – 2150)	<u>450 (1)</u>	<u>2365</u>
Profit on café (1)		<u>385 (2CF/1OF)</u>

[8]

[Total: 21]

- 3 (a) Dishonoured cheque – a cheque which the bank refuses to pay (1)
Cheque not presented – cheque paid by the business but which has not yet been presented to the bank for payment/not yet paid by the bank (1) [2]
- (b) Standing order – an instruction by a customer to the bank to pay **fixed amounts** at stated dates to a named person or firm (1)
Direct debit – authority given to the bank to make payments (**at irregular dates and amounts**) on request by a named person or firm (1) [2]

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(c)

		Cash Book (bank columns only)		
		\$		\$
2013			2013	
May 1	Balance b/d	2141 (1)	May 1	Error correction (1) 1000 (1)
				Rent 280 (1)
				Aziz & Co (1) 110 (1)
				Balance c/d <u>751</u>
		<u>2141</u>		<u>2141</u>
2013				
May 1	Balance b/d	751 (1) OF		

[7]

(d)

		Bank Reconciliation Statement at 30 April 2013	
		\$	\$
	Balance shown on bank statement (1)		681 (1)
	Add Cheques not credited – Khalid		<u>530 (1)</u>
			1211
	Less Cheques not presented –		
	Assistant's salary	450 (1)	
	Bank error (1)	<u>10 (1)</u>	<u>460</u>
	Balance in cash book (1)		<u>751 (1) OF</u>
			(OF from qu 3c)

Alternative presentation

		Bank Reconciliation Statement at 30 April 2013	
		\$	\$
	Balance shown in cash book (1)		751 (1) OF (qu 3c)
	Add Cheques not presented –		
	Assistant's salary	450 (1)	
	Bank error (1)	<u>10 (1)</u>	<u>460</u>
			1211
	Less Cheques not credited – Khalid		<u>530 (1)</u>
	Balance on bank statement (1)		<u>681 (1)</u>

[8]

(e) April 24 Bank

Safiya Shendi introduced additional capital (1) to the business bank account (1).

[2]

April 30 Purchases

Safiya Shendi withdrew goods (1) for her own use (1).

[2]

April 30 Loss

This is the loss for the year (1) which reduces Safiya Shendi's capital (1) in the business. [2]

[Total: 25]

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- 4 (a) Calculation of credit purchases
(suitable alternative presentations acceptable)

		\$	
Payments to credit suppliers		34 420	(1)
Discounts received from credit suppliers		880	(1)
Returns to credit suppliers		1 250	(1)
Trade payables at 30 April 2013		<u>2 950</u>	(1)
Credit purchases for the year		<u>39 500</u>	(2)CF(1)OF
			[6]

- (b) Calculation of amount received from credit customers
(suitable alternative presentations acceptable)

	\$		\$
Credit sales for the year			55 490 (1)
Trade receivables at 30 April 2013	4 600 (1)		
Bad debts	<u>210 (1)</u>		<u>4 810</u>
Receipts from credit customers			<u>50 680 (2)CF</u>
			(1)OF
			[5]

- (c) Calculation of expenses paid
(suitable alternative presentations acceptable)

	\$		\$
Capital introduced			80 000 (1)
Receipts from credit customers			<u>50 680 (1)OF</u>
			130 680
Non-current assets	55 000 (1)		
Payments to credit suppliers	34 420 (1)		
Balance at bank 30 April 2013	<u>27 940 (1)</u>	<u>117 360</u>	
Expenses paid			<u>13 320 (2)CF</u>
			(1)OF
			[7]

- (d) To apply the principle of prudence
To ensure that the current assets are not overstated
To ensure that the profit is not overstated
Inventory should be valued at the lower of cost and net realisable value

Any 2 reasons (2) each [4]

(e)

	Overstated	Understated	No effect
Profit for the year ended 30 April 2013	✓ (2)		
Profit for the year ended 30 April 2014		✓ (2)	

[4]

- (f) Assessment of the liquidity position
 Identify how long it takes to pay credit suppliers
 Identify future prospects of the business
 Establishment of a credit limit

Any one reason (2)

[2]

[Total: 28]

5 (a) To see the average time the trade receivables take to pay their accounts. [1]

(b) No (1)
 She has to wait 6 more days (1) for them to settle their accounts. (1) [3]

(c) No (1) unless justified by suitable reason
 It is shorter than the payment period for the previous year (1) but is still 10 days longer than the period of credit allowed. (1) [3]

(d) To be able to meet debts when they fall due
 To be able to take advantage of cash discounts
 To be able to take advantage of business opportunities as they arise
 To ensure that there is no difficulty in obtaining further supplies

Or other suitable explanation

Any 1 point (2)

[2]

(e)

Transaction	Effect on working capital	Reason
Goods, \$135, were purchased on credit from Abu & Co	No change (1)	Current assets increase Current liabilities increase by same amount (1)
Paid \$280 to Farouk, a credit supplier, in full settlement of \$300 owing	Increase \$20 (1)	Current assets decrease by \$280 Current liabilities decrease by \$300 (1)
Withdrew \$150 from the bank to restore the petty cash imprest	No change (1)	No change in current assets (bank decreases and petty cash increases) No change in current liabilities (1)

[6]

(f) Satisfied: Yes (1)

The profit earned for every \$100 used in the business has increased/the business is more profitable (2)

OR The capital is now being used more efficiently (2)

[3]

(g)

Transaction	Effect on return on capital employed	Reason
Additional capital, \$10 000, was placed in the business bank account	Decrease (1)	No change in profit for the year (1) Capital employed has increased (1)
Fixtures, \$500, were purchased by cheque	No change (1)	No change in profit for the year (1) No change in capital employed (non-current assets increase and current assets decrease) (1)

[6]

(h) Only items which can be recorded in monetary terms are shown in the financial statements (1)

There are many important factors which influence the performance of a business which will not appear in the financial statements. (1)

[2]

[Total: 26]