UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS

International General Certificate of Secondary Education

MARK SCHEME for the May/June 2007 question paper

0452 ACCOUNTING

0452/03   Paper 3, maximum raw mark 100

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.

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.

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UNIVERSITY *of* CAMBRIDGE
International Examinations

1 (a) Work can be shared between several people

Easier for reference as same type of accounts are kept together

Easier to introduce checking procedures

Or other suitable point

Any 1 point [1]   **[1]**

(b)

Purchases Ledger
Oman El Gamal account

2007		$		2007		$	
Mar 19	Bank	429	**[1]**	Mar 8	Purchases	440	**[1]**
	Discount recd	11	**[1]**				
		440				440	

Mohammed El Wakil account

2007		$		2007		$	
Mar 24	Purchase returns	128	**[1]**	Mar 21	Purchases	304	**[1]**
26	Cash	110	**[1]**				
31	Balance c/d	66	**[1]**			304	
		304		2007			
				Apr 1	Balance b/d	66	**[1]**
							O/F

+ [1] Dates

                                                                                                                        [9]

(b) Alternative presentation

Omar El Gamal account

		Debit		Credit		Balance		
2007		$		$		$		
Mar 8	Purchases			440	**[1]**	440	Cr	
19	Bank	429	**[1]**			11	Cr	
	Discount recd	11	**[1]**			0		

Mohammed El Wakil account

		Debit		Credit		Balance		
2007		$		$		$		
Mar 21	Purchases			304	**[1]**	304	Cr	
24	Purchase returns	128	**[1]**			176	Cr	
26	Cash	110	**[1]**			66	Cr	**[2]C/F**
								[1]O/F

+ [1] Dates

                                                                                                                        [9]

(c)

Nominal Ledger
Purchases account

2007		$		
Mar 31	Total from			
	purchases journal	744	**[1]**	
	Cash	990	**[1]**	

Purchases returns account

		2007		$		
		Mar 31	Total from			
			returns journal	128	**[1]**	

[3]

(c) Alternative presentation

Purchases account

		Debit $		Credit $	Balance $	
2007						
Mar 31	Total from					
	purchases journal	744	**[1]**		744	Dr
	Cash	990	**[1]**		1 734	Dr

Purchases returns account

		Debit $	Credit $		Balance $	
2007						
Mar 31	Total from					
	returns journal		128	**[1]**	128	Cr

[3]

(d) Assist in the location of errors
Provide instant totals of debtors/creditors
Proves the arithmetical accuracy of sales/purchases ledgers
Enable the Balance Sheet to be prepared quickly
Provide a summary of the transactions relating to debtors/creditors
Provide an internal check on sales/purchases ledgers – may reduce fraud

Or other relevant points

Any 2 points [1] each   **[2]**

(e)

	Item	Entry in sales ledger control account	
(ii)	Cheques received from debtors	credit	**[1]**
(iii)	Trade discount allowed to debtors	no entry	**[1]**
(iv)	Contra item transferred to purchases ledger	credit	**[1]**

[3]

[Total: 18]

2 **(a)** **(i)** So that the profits for the year are not over-stated **[1]**

(ii) So that the debtors in the Balance Sheet are shown at a realistic amount **[1]**   **[2]**

(b) Matching principle   **[1]**

(c) **(i)**

J.Ukata account

2006		$		2006		$	
Feb 4	Sales	900 ⎱ **[1]**		Mar 1	Bank	873	**[1]**
Mar 1	Sales	80 ⎰			Discount	27	**[1]**
				2007			
				Jan 31	Bad debts	80	**[1]**
		980				980	

(ii)

Bad debts account

2007		$		2007		$	
Jan 31	J.Ukata	80	**[1]**	Jan 31	Profit & Loss	80	**[1] O/F**
		80				80	

(iii)

Bad debts recovered account

2007		$		2006		$	
Jan 31	Profit & Loss*	35	**[1]**	Dec 31	Cash	35	**[1]**
		35				35	

(iv)

Provision for doubtful debts account

2007		$		2006		$	
Jan 31	Balance c/d	200	**[1]**	Feb 1	Balance b/d	150	**[1]**
				2007			
				Jan 31	Profit & Loss	50	**[1]**
		200				200	
				2007			
				Feb 1	Balance b/d	200	**[1]O/F**

          [12]

* Alternatively, transfer to bad debts account. The transfer from bad debts to profit & loss would then be $45.

(c) Alternative presentation

(i)

J.Ukata account

		Debit $	Credit $	Balance $	
2006					
Feb 4	Sales	900 ⎫ **[1]**		900	Dr
Mar 1	Sales	80 ⎭		980	Dr
	Bank		873 **[1]**	107	Dr
	Discount		27 **[1]**	80	Dr
2007					
Jan 31	Bad debts		80 **[1]**	0	

(ii)

Bad debts account

		Debit $	Credit $	Balance $	
2007					
Jan 31	J.Ukata	80 **[1]**		80	Dr
	Profit & Loss		80 **[1]O/F**	0	

(iii)

Bad debts recovered account

		Debit $	Credit $	Balance $	
2006					
Dec 31	Cash		35 **[1]**	35	Cr
2007					
Jan 31	Profit & Loss*	35 **[1]**		0	

(iv)

Provision for doubtful debts account

		Debit $	Credit $	Balance $	
2006					
Feb 1	Balance		150 **[1]**	150	Cr
2007					
Jan 31	Profit & Loss		50 **[1]**	200	Cr **[2]C/F**
					[1]O/F

[12]

* Alternatively, transfer to bad debts account. The transfer from bad debts to profit & loss would then be $45.

(d)

	Item	Overstated $	Understated $
(ii)	Net profit for the year ended 31 January 2007	50 **[1]**	No effect **[1]**
(iii)	Total of current assets in Balance Sheet at 31 January 2007	200 **O/F [1]**	No effect **[1]**

[4]

[Total: 19]

3 (a)

Jamil and Sara Suliman
Trading Account for the year ended 30 April 2007

	$	$	$	
Sales			30 000	**[1]**
Less cost of sales				
Opening stock		5 000		**[1]**
Purchases		26 000		**[1]**
		31 000		
Less Closing stock – Stock remaining	4 500 **[1]**			
Stock lost	2 500 **[2]** C/F			
	[1] O/F			
		7 000		
			24 000	
Gross profit			6 000	**(2)**

Horizontal format acceptable   **[8]**

(b) Calculation of net profit –

	$	
Gross profit	6000	**O/F**
Less Expenses	4600	
Net profit	1400	**[1]** **O/F**

                                                                                              [1]

(c) Calculation of partners' share of the residual net profit/loss –

		$	$	
Net profit			1400	**[1]** **O/F**
Interest on capital –	Jamil	2000		
	Sara	1000	3000	**[1]**
			(1600)	
Share of loss –	Jamil	800 ⎤ **[1] O/F**	(1600)	
	Sara	800 ⎦		

                                                                                              [3]

(d)

Current accounts

			Jamil	Sara				Jamil	Sara	
2006			$	$		2006		$	$	
May 1	Balance b/d		200			May 1	Balance b/d		600	**[1]**
2007						2007				
Apr 30	Drawings		3100	2800 **[1]**		Apr 30	Interest on capital	2000	1000	**[1]**
	Share of Loss		800	800 **[1] O/F**			Balances c/d	2100	2000	
			4100	3600				4100	3600	
2007										
May 1	Balances b/d		2100	2000 **[1] O/F**						

In all cases the marks are for suitable wording and two figures

Alternatively allow two separate "T" accounts   **[5]**

(d) Alternative presentation

Jamil Current account

2006		Debit $	Credit $	Balance $	
May 1	Balance	200		200	Dr
2007					
Apr 30	Drawings	3100		3300	Dr
	Share of loss	800		4100	Dr
	Interest on Capital		2000	2100	Dr

Sara Current account

2006		Debit $	Credit $	Balance $	
May 1	Balance		600	600	Cr
2007					
Apr 30	Drawings	2800		2200	Dr
	Share of loss	800		3000	Dr
	Interest on Capital		1 000	2000	Dr

Opening balances	**[1] for suitable wording and two figures**
Drawings	**[1] for suitable wording and two figures**
Share of loss	**[1] O/Fs for suitable wording and two figures**
Interest on capital	**[1] for suitable wording and two figures**
Closing balances	**[1] O/Fs for two figures**

[5]

(e) (i) To enter goodwill on the books

account(s) to be debited	$		account(s) to be credited	$	
Goodwill	20 000	**[1]**	Jamil Capital	10 000	**[1]**
			Sara Capital	10 000	**[1]**

(ii) To write off the goodwill

account(s) to be debited	$		account(s) to be credited	$	
Jamil Capital	8000	**[1]**	Goodwill	20 000	**[1]**
Sara Capital	8000	**[1]**			
Fatima Capital	4000	**[1]**			

[7]

[Total: 24]

4 **(a)**

Peter Mpho
Balance Sheet at 31 January 2007

	$	$	$
Fixed Assets			
Premises at cost			90 000
Equipment at valuation			47 000 **[1]**
			137 000
Current Assets			
Stock		17 500	
Debtors (19 200 + 150)		19 350 **[1]**	
Petty cash		100	
		36 950 **[1]O/F**	
Current Liabilities			
Creditors	29 000		
Bank overdraft (300 – 1050)	750 **[1]**		
Accrual	200 **[1]**		
		29 950 **[1]O/F**	
Working Capital			7 000 **[1]O/F**
			144 000
Capital			
Opening Balance			145 000
*Net Profit (13 500 – 200 + 600 – 3000 – 1050 + 150)			
[1] **[1]** **[1]** **[1]** **[1]**			10 000 **[1]O/F**
			155 000
Drawings (10 400 + 600)			11 000 **[1]**
			144 000

Horizontal format acceptable [14]

*Calculation of net profit

Original figure			13 500
Add goods for own use		600	
carriage outwards		150	750
			14 250
Less wages owing		200	
revaluation of equipment		3000	
bank charges		1050	4 250
			10 000

(b) **(ii)** Reliability   **[1]**
    (iii) Comparability   **[1]**
    (iv) Understandability   **[1]**

[3]

(c) Financial information is only relevant if it can be used –

To confirm or correct prior expectations about past events
To assist in forming, revising or confirming expectations about the future
As the basis for financial decisions

Explanation of any 1 point [2]   [2]

[Total: 19]

5 **(a)** **(i)** Current ratio   70 000 : 40 000 = 1.75 : 1 **[1]**

        (ii) Quick ratio   (70 000 – 34 000) : 40 000 = 0.90 : 1 **[1]**

        (iii) Collection period for debtors $\dfrac{29\,000}{275\,000} \times \dfrac{365}{1}$ **[1]** = 39 days **[1]**

        (iv) Payment period for creditors $\dfrac{40\,000}{465\,000} \times \dfrac{365}{1}$ **[1]** = 32 days **[1]**   **[6]**

(b) Does not include stock in the calculation **[1]**
     Either
     Stock is not regarded as a liquid asset – a buyer has to be found and then the money collected. Some stock may prove to be unsaleable. **[1]**
     Or
     The quick ratio shows whether the business would have any surplus liquid funds if all the current liabilities were paid immediately from the liquid assets. **[1]**   **[2]**

(c) Satisfied if **(a) (ii)** is higher than the ratio for 2005
     Not satisfied if **(a) (ii)** is lower than the ratio for 2005   **[1]**

(d) Increase in current liabilities greater than the increase in current assets
     Increase in creditors and no significant change in current assets
     Decrease in debtors and no significant change in current liabilities
     Decrease in bank and no significant change in current liabilities
     Decrease in stock and no significant change in current liabilities

     Or suitable response based on own figure calculation in (a) (i)

     Any 1 acceptable point [2]   **[2]**

(e) **(i)** Not satisfied if **(a) (iii)** is more than the ratio for 2005
        Satisfied if (a) (iii) is less than the ratio for 2005   **[1]**

        (ii) Debtors are taking 9 days longer to pay than the previous year
            Or suitable explanation based on O/F answer to (a) (iii)   **[2]**

(f) Debtors are taking longer to pay so this may have a knock-on effect and
     mean that the creditors may have to wait longer for their accounts to be paid.
     Or suitable explanation based on O/F answer to (a) (iii) and (a) (iv)   **[2]**

(g) Rate of stock turnover   **[1]**

(h) The accounts may be for 1 year only and not show trends

The accounts may not be for a typical year

The financial year may end at a different point in the trading cycle

The businesses may operate different accounting policies e.g. depreciation

The accounts do not show non-monetary items but these are important in the success of a business

It is not always possible to obtain all the information about a business in order to make a true comparison

Or other suitable points

Any 3 correct points [1] each   **[3]**

                                                                          [Total: 20]