

## **MARK SCHEME for the October/November 2013 series**

### **0452 ACCOUNTING**

**0452/21**

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.

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1 (a)

**Saira Rehman – Petty Cash Book**

Total received	Date	Details	Total paid	Postage & stationery	Catering supplies	Cleaning	Ledger accounts
\$ 56 144 (1)	2013 Oct 1	Balance b/d Bank/cash	\$	\$	\$	\$	\$
3 (1)	4	Stamps and stationery	19	19 (1)			
	10	Refund for personal postage					
	14	Abdul Shakeel	34				34 (1)
	18	Tea and coffee	9		9 (1)		
	23	Syed Arshad	16				16 (1)
	28	Cleaning	80			80 (1)	
			158	19	9	80	50
	31	Balance c/d	45				
203		Balance b/d	203				
45 (1) OF 155 (1) OF	Nov 1	Balance b/d Bank/cash					

**Dates (1)**

**OF Totals of analysis columns (1)**

**OF Totals of total columns (1)**

**[12]**

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(b) Debit Abdul Shakeel account \$34 (1) [2]  
Debit Syed Arshad account \$16 (1)

(c) Credit Postage and stationery account (2) [2]

(d) The amount available for the day-to-day running of the business (1) [2]  
The difference between the current assets and the current liabilities (1)

(e)

Transaction	Effect on working capital	Reason
Returned damaged goods, \$35, to Annie Khan, a credit supplier	No effect (1)	Inventory (current assets) decreases by \$35 Trade payables (current liabilities) decrease by the same amount (1)
Paid Loans & Co \$2015, representing repayment of a \$2000 short-term loan and \$15 interest	Decrease \$15 (1)	Bank (current assets) decreases by \$2015 Other payables (current liabilities) decrease by \$2000 (1)
Received a cheque for \$190 from Uzma Ali, a credit customer, in full settlement of \$200 owing	Decrease \$10 (1)	Current assets decrease by \$10 (bank increases by \$190 and trade receivables decrease by \$200) (1)

[6]

[Total: 24]

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2 (a) (i)

	Susan Kunaka account		
	\$		\$
2013		2013	
July 1 Balance b/d	20	July 24 Bank	150 (1)
4 Sales (1)	<u>192</u>	30 Bad debts	<u>62 (1)</u>
	<u>212</u>		<u>212</u>
			[3]

(ii)

	Bad debts account		
	\$		\$
2013		2013	
June 30 Debtors	420 (1)	July 31 Income statement	<u>482 (1) OF</u>
July 30 S Kunaka	<u>62 (1)</u>		<u>482</u>
	<u>482</u>		[3]

(iii)

	Bad debts recovered account		
	\$		\$
2013		2013	
July 31 Income statement (OR bad debts)	<u>103 (1)</u>	July 16 Cash (XY Stores)	103 (1)
	<u>103</u>		<u>103</u>
			[2]

(iv)

	Provision for doubtful debts account		
	\$		\$
2013		2012	
July 31 Income statement Balance c/d	360 (1) <u>840 (1)</u>	Aug 1 Balance b/d	1200 (1)
	<u>1200</u>		<u>1200</u>
		2013	
		Aug 1 Balance b/d	840 (1) OF
			[4]

**Alternatively the total of the bad debts recovered account could be transferred to the bad debts account (1)**

**The net amount of bad debts transferred to the income statement would then be \$379 (1)**

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**(a) (i) Alternative presentation**

Susan Kunaka account			
	Debit	Credit	Balance
2013	\$	\$	\$
July 1 Balance	20		20 Dr
4 Sales	192 (1)		212 Dr
24 Bank		150 (1)	62 Dr
30 Bad debts		62 (1)	0

**[3]**

**(ii)**

Bad debts account			
	Debit	Credit	Balance
2013	\$	\$	\$
June 30 Balance	420 (1)		420 Dr
July 30 S Kunaka	62 (1)		482 Dr
31 Income statement		482 (1)OF	0

**[3]**

**(iii)**

Bad debts recovered account			
	Debit	Credit	Balance
2013	\$	\$	\$
July 16 Cash (XY Stores)		103 (1)	103 Cr
31 Income statement (OR bad debts)	103 (1)		0

**[2]**

**(iv)**

Provision for doubtful debts account			
	Debit	Credit	Balance
2012	\$	\$	\$
Aug 1 Balance		1200 (1)	1200 Cr
2013			
July 31 Income statement	360 (1)		840 Cr (2)C/F (1)O/F

**[4]**

**Alternatively the total of the bad debts recovered account could be transferred to the bad debts account (1)**

**The net amount of bad debts transferred to the income statement would then be \$379 (1)**

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(b)

	Overstated \$	Understated \$
Profit for the year ended 31 July 2013	-	360 <b>(2)O/F</b>
Current assets at 31 July 2013	-	360 <b>(2)O/F</b>

[4]

(c) (i)  $\frac{\text{Trade receivables}}{\text{Credit sales}} \times \frac{365}{1}$

[1]

(ii)  $\frac{28\,000}{224\,000} \times \frac{365}{1} (1) = 45.6 = 46 \text{ days } (1)$

[2]

(iii) May not be able to pay creditors on time  
 May be refused further supplies on credit  
 May overdraw on bank account  
 May not be able to take advantage of business opportunities  
**Or other suitable comment**  
**Any 1 comment (2)**

[2]

[Total: 21]

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3 (a)

Steven Wright			
Income Statement for the year ended 30 September 2013			
	\$	\$	\$
Revenue		169 000 (1)	
Less Sales returns		<u>5 000 (1)</u>	164 000
Less Cost of sales			
Opening inventory		9 000 (1)	
Purchases	132 000 (1)		
Less Goods for own use	<u>1 000 (1)</u>	<u>131 000</u>	
		140 000	
Less Closing inventory		<u>17 000 (2)C/F</u>	
		(1)O/F	
			<u>123 000</u>
Gross profit			41 000(2)
Commission received			<u>1 215(1)</u>
			42 215
Less Wages			
(26 500 + 750)		27 250 (1)	
General expenses			
(3970 – 170)		3 800 (1)	
Provision for doubtful debts			
((2% × 14 200) – 260)		24 (2)	
Loan interest			
(6% × 6000 × 6 months)		180 (1)	
Depreciation – Equipment			
(20% × 30 000)		6 000 (1)	
Motor vehicle			
(25% × (16 000 – 7000))		2 250 (1)	
Profit for the year			39 504
			2 711
			(1)O/F

**Horizontal format acceptable**

[18]

(b) Consistency (1)

Matching (accruals) (1)

Accounting (business) entity (1)

[3]

[Total: 21]

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4 (a)

		Samira El Badry Suspense account	
		\$	\$
2013			
Aug 31	Difference on trial balance	116 (1)	
	Purchases returns	100 (1)	
	Discount received	<u>286 (1)</u>	
		<u>502</u>	
2013			
Sept 1	Balance b/d		66 (1)O/F

**Alternative presentation**

		Samira El Badry Suspense account		
		Debit	Credit	Balance
		\$	\$	\$
2013				
Aug 31	Difference on trial balance	116 (1)		116 Dr
	Purchases returns	100 (1)		216 Dr
	Discount received	<u>286 (1)</u>		502 Dr
	Amrik Bhatti		36 (1)	466 Dr
	Rent received		200 (1)	266 Dr
	Rent paid		200 (1)	66 Dr
				<b>(1)O/F</b>

[7]

(b) It would appear that not all the errors have been discovered (1) as there is still a balance on the suspense account (1)

**Or – if the candidate's suspense account is closed –**

It would appear that all the errors have been discovered (1) as there is no balance remaining on the suspense account (1) [2]

(c) Only errors that affect the balancing of the trial balance are corrected using a suspense account. (1)

Error 3 (The omission of goods for own use) does not affect the balancing of the trial balance and so is not corrected using that account. (1) [2]



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- (d) (i) August 6 Purchases  
Explanation – Samira El Badry has purchased goods on credit from Tahir Stores Ltd (2)  
Double entry – Debit purchases account (1) [3]
- (ii) August 6 Carriage  
Explanation – Tahir Stores Ltd have charged Samira El Badry for the cost of delivering goods to her premises (2)  
Double entry – Debit carriage inwards account (1) [3]
- (iii) August 31 Interest  
Explanation – Tahir Stores Ltd have charged Samira El Badry interest on the amount she owes (2)  
Double entry – Debit interest payable account (1) [3]
- (e) Liability [1]

[Total: 21]

- 5 (a) (i) Share losses  
Share responsibilities  
Share risks  
Share decision-making  
Additional finance may be available  
Additional skills and experience are available  
**Or other suitable comment**  
**Any 1 comment (1)** [1]
- (ii) Share profits  
Decisions must be recognised by all partners  
Decisions may take longer to implement  
One partner's actions can bind the other partners  
Disagreements can occur  
All partners are responsible for the debts of the business  
**Or other suitable comment**  
**Any 1 comment (1)** [1]
- (b) To avoid misunderstandings and disagreements later [1]

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(c)

Carol Chen Current account		\$	\$
2012			
Nov 1 Balance b/d	5 100 (1)		
2013			
Oct 31 Drawings	20 400}		
Int. on drawings	<u>612}(1)</u>		
	<u>26 112</u>		
2013			
Nov 1 Balance b/d	1 552 (1)O/F		

**Alternative presentation**

Carol Chen Current account			
	Debit	Credit	Balance
	\$	\$	\$
2012			
Nov 1 Balance b/d	5 100 (1)		5 100 Dr
2013			
Oct 31 Drawings	20 400}		25 500 Dr
Int. on drawings	612}(1)		26 112 Dr
Int. on capital		2 000}	24 112 Dr
Salary		15 000}(1)	9 112 Dr
Profit share		7 560 (1)	1 552 Dr
			<b>(1)O/F</b>

[5]

(d) The balance represents the amount owing by Carol Chen to the business.  
**Or appropriate answer based on candidate's answer to (c)**

[2]

(e)

account to be debited	account to be credited
Tony Chen current account (1)	Tony Chen capital account (1)

[2]

(f) 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  
 In time to be able to influence decisions  
**Explanation of any 1 point (2)**

[2]

[Total: 14]

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6 (a)

Percentage of gross profit to revenue		
Formula	Workings to one decimal place	Answer
$\frac{\text{Gross profit}}{\text{Revenue}} \times \frac{100}{1}$ (1)	$\frac{(220\,000 - 185\,900)}{220\,000} \times \frac{100}{1} =$  $\frac{34\,100}{220\,000} \times \frac{100}{1}$ (1)	15.5% (1)
Percentage of profit for the year to revenue		
Formula	Workings to one decimal place	Answer
$\frac{\text{Profit for the year}}{\text{Revenue}} \times \frac{100}{1}$ (1)	$\frac{(34\,100 - 20\,240)}{220\,000} \times \frac{100}{1} =$  $\frac{13\,860}{220\,000} \times \frac{100}{1}$ (1)	6.3% (1)
Return on capital employed (ROCE)		
Formula	Workings to one decimal place	Answer
$\frac{\text{Profit for the year}}{\text{Capital employed}} \times \frac{100}{1}$ (1)	$\frac{13\,860}{110\,880} \times \frac{100}{1}$ O/F	12.5% (1)O/F

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- (b) (i) Kelly Limited –  
 Has a higher selling price  
 Is selling goods at a higher mark-up  
 Has a lower cost price  
 Is taking advantage of bulk buying  
 Is allowing customers a lower rate of trade discount  
**Or other suitable reason**  
**Any 1 reason (2)** [2]
- (ii) Kelly Limited –  
 Has higher expenses  
 Has less control over expenses  
 Has different types of expenses (fixed/variable)  
 Has lower amount of other income  
**Or other suitable reason**  
**Any 1 reason (2)** [2]
- (c) (i) This shows the profit earned for each \$100 used in the business. (1)  
 The higher the percentage the more efficiently the capital is being employed. (1) [2]
- (ii) Patrick Murphy  
**Or appropriate answer based on answer to (a)(iii)** [1]
- (d) Should compare with a business of approximately the same size  
 Should compare with a business of the same type (sole trader)  
 The financial statements may be for one year which will not show trends  
 The financial statements may be for one year which is not a typical year  
 The financial year may end on different dates (when inventories are high/low)  
 The businesses may operate different accounting policies  
 The statements do not show non-monetary factors  
 It may not be possible to obtain all the information needed to make comparisons  
**Or other suitable points**  
**Any 2 points (2) each** [4]

[Total: 19]