

#### **Cambridge Assessment International Education**

Cambridge Ordinary Level

#### **PRINCIPLES OF ACCOUNTS**

7110/23

Paper 2 May/June 2018

MARK SCHEME
Maximum 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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#### **Generic Marking Principles**

These general marking principles must be applied by all examiners when marking candidate answers. They should be applied alongside the specific content of the mark scheme or generic level descriptors for a question. Each question paper and mark scheme will also comply with these marking principles.

#### **GENERIC MARKING PRINCIPLE 1:**

Marks must be awarded in line with:

- the specific content of the mark scheme or the generic level descriptors for the question
- the specific skills defined in the mark scheme or in the generic level descriptors for the question
- the standard of response required by a candidate as exemplified by the standardisation scripts.

#### **GENERIC MARKING PRINCIPLE 2:**

Marks awarded are always whole marks (not half marks, or other fractions).

#### **GENERIC MARKING PRINCIPLE 3:**

Marks must be awarded **positively**:

- marks are awarded for correct/valid answers, as defined in the mark scheme. However, credit is given for valid answers which go beyond the scope of the syllabus and mark scheme, referring to your Team Leader as appropriate
- marks are awarded when candidates clearly demonstrate what they know and can do
- · marks are not deducted for errors
- marks are not deducted for omissions
- answers should only be judged on the quality of spelling, punctuation and grammar when these features are specifically assessed by the question as indicated by the mark scheme. The meaning, however, should be unambiguous.

#### **GENERIC MARKING PRINCIPLE 4:**

Rules must be applied consistently e.g. in situations where candidates have not followed instructions or in the application of generic level descriptors.

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#### **GENERIC MARKING PRINCIPLE 5:**

Marks should be awarded using the full range of marks defined in the mark scheme for the question (however; the use of the full mark range may be limited according to the quality of the candidate responses seen).

#### **GENERIC MARKING PRINCIPLE 6:**

Marks awarded are based solely on the requirements as defined in the mark scheme. Marks should not be awarded with grade thresholds or grade descriptors in mind.

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Question				Answei	r			Marks
1(a)	(ii) Sales invoice (1	or email (if refund mournal (1)		illy) <b>(1)</b>				6
1(b)	$\frac{\$6 \times 100}{\$150  (1)} = 4\%  (1)$							2
1(c)(i)			Г	rawings ac	count			5
1(0)(1)	Date April	Details	\$	Date April	Details		\$	
	1	Balance b/d	6400 <b>(1)</b>		Capital	(1)	7050 <b>(1)OF</b>	
	9	Bank	500 (1)					
	15	Insurance/Bank	<u>150</u> (1)					
			7050				7050	
1(c)(ii)				Capital acc	ount			5
( )( )	Date April	Details	\$	Date April	Details		\$	
	30	Drawings	7050 <b>(1)</b>	<b>OF</b> 1	Balance b/d		9000	
		Balance c/d	0.450	7 30	Bank	(4)	2500 <b>(1)</b>	
		Dalatice C/U	8150 15200	30	Income statement	(1)	3700 <b>(1)</b> 15200	
			10200	May			10200	
				1	Balance b/d		8150 <b>(1)OF</b>	
1(d)	Bookkeeping is the	detailed recording of	all the <b>financi</b> a	al transacti	ons of a business.	(1)		2
	Accounting was the	n hook koonina saas	ido to propore f	inanaial ata	omonto at resuler in	atomial-	(4)	
	Accounting uses the	e book-keeping recor	us to prepare fi	manciai stat	ements at regular in	itervais.	(1)	

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Question	Answer								
2(a)	Depreciation is an estimate of the loss in value of a non-current ass	et (1) over its	s expe	cted working	g life. (	(1)	2		
2(b)	Physical deterioration/Wear and tear (1) Economic reasons/Obsolete (1)								
	Accept other valid points.								
2(c)	Profit on the sale 14 000 – 5040 – \$9500 = \$540 profit <b>(1)</b>								
2(d)	General Jou	rnal	_				6		
		Debit		Credit					
		\$		\$					
	Disposal	14 000	(1)						
	Motor vehicle			14 000	(1)				
	Provision for depreciation – motor vehicle	5 040	(1)						
	Disposal			5 040	(1)				
	X Garage	9 500	(1)						
	Disposal			9 500	(1)				

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Question	Answer							
2(e)		Depreciation for the year ended a Cost Less Accumulated depreciation  Annual depreciation  OR  Motor A Cost (30 000 – 14 000) Depreciation to date (10 800 – 5)  Depreciation for year 20% x 10 2  Motor C Depreciation for year 20	30 000 – 14 040) 40		$40 = \underbrace{\begin{array}{c} 5760 \\ 28240 \\ 5648 \\ \end{array}}_{16000}$ $\underbrace{\begin{array}{c} 16000 \\ 5760 \\ 10240 \\ 2048 \\ 3600 \\ \end{array}}_{16000}$	0 (1) 0 × 20% 3 (1) <b>OF</b> 0 (1) 0 (1)		3
2(f)		Total depreciation for year	oonital .	a a mit a l		(1)OF		3
-(.)			capital expenditure	capital receipt	revenue expenditure	revenue receipt		
		sale of Motor vehicle B		<b>√</b> (1)				
		purchase of Motor vehicle C	√(1)					
		insurance for Motor vehicle C			√(1)			
2(g)	(i) Buildings	Straight-line (1)						3
	(ii) Loose tools (iii) Computers	Revaluation (1)  Diminishing (reducing) balance	(1)					
3(a)		Assets Motor vehicle Inventory		\$ 5 000 8 000 13 000				2
		Less Liabilities 5 year bank loan Capital		(4 000) (1) 9 000 (1)				

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Question	Answer	Marks				
3(b)	Komile Statement of Affairs at 31 March 2018 \$					
	Non-current assets Motor vehicle 4 200 (1)					
	Current assets Inventory 9 500 Trade receivables 11 400 Other receivables 600 (1) Bank 1 500  Total Assets					
	Total Assets					
	Non-current liability 5 year bank loan 4 000 (1)					
	Current liabilities Trade payables 10 100 Other payables 1400  Total Capital and Liabilities 27 200					
	Alternative presentation acceptable					
3(c)	Capital 30 March 2018 11 700 <b>OF</b> Capital 1 April 2017 (9 000) <b>OF</b> 2 700 (1) <b>OF</b> Plus Drawings 3 500 (1) 6 200 (1) <b>OF</b>	3				
	Alternative presentation acceptable					

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Question	Answer	Marks
3(d)	Can establish the profit Easier to make decisions Can establish income or expenditure on an activity Can refer to trade receivable or trade payable account for details  Any valid point (1) × 3 points  Accept other valid points.	3
3(e)	(i) Income tax Social security/national insurance (1) For valid statutory deduction (ii) Pension contribution Subscription to trade union or a social club Donation to charity (1) For valid non-statutory deduction	2

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Question			Answer	Marks
3(f)	2	60 hours × \$6 ) hours × \$9 hours × \$12	\$ 960 180 60	2
	Less Deductions Net pay		1 200 (1) 220 980 (1)	
	(ii) Gross pay Employer's contributions Total cost		\$ 1 200 150 1 350 (1)OF	2

Question	Answer	Marks
4(a)	1 Prudence/Matching/Accrual (1)	4
	2 Historical cost (1)	
	3 Matching/accruals (1)	
	4 Consistency (1)	
4(b)(i)	Gross profit 50 000 – 2000 (1) – 6000 (1) = 42 000 (1) <b>OF</b>	3
4(b)(ii)	Profit for the year 42 000 <b>OF</b> – (14 000 – 1800 + 700) <b>(1)</b> – 20 000 <b>(1)</b> = 9100 <b>(1)OF</b>	3

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Question			Answer		Marks		
4(c)			Workings	31 March 2018	6		
		Gross profit/sales (Gross profit margin)	$\frac{42000}{120000}$ (1) of × 100 =	35.00% <b>(1)OF</b>			
		Profit for the year/sales (Net profit margin)	$\frac{9100}{120000}$ (1) of × 100 =	7.58% <b>(1) OF</b>			
		Percentage return on capital employed	$\frac{9100 \text{ of} \times 100}{(150000 + 80000)} =$	3.96% <b>(1) OF</b>			
4(d)	Gross profit/sales						
	This has in	nproved (1) which may be the result of increas	sed prices, decreased cost of sales o	or change in sales mix. (1)			
	Profit for th	ne year/sales					
	This has de	eteriorated (1)which may be due to increased	expenses. (1)				
	Percentage	e return on capital employed					
	This has in	nproved (1)because one of the bank loans is r	no longer long term which has reduce	ed the capital employed. (1)			
	Minimum (	1) for each ratio.					
	_	e rule applies. ner valid points.					

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Question		Ans	wer		Marks				
5(a)	Athula and Bhulo								
	Income Statement ar	nd Appropriation Ac	count for the year	ended 30 April 2018					
			\$	\$					
	Revenue			590 000					
	Returns inwards			(15 800)					
				574 200 <b>(1)</b>					
	Inventory at 1 May 2017		42 000 *						
	Purchases		295 000						
	Carriage inwards		8 820	(1)					
			345 820						
	Returns outwards		(19 500)	(1)					
			326 320						
	Inventory at 30 April 2018		(51 000)*	(1)for both					
	Cost of sales			<u>(275 320)</u> <b>(1)OF</b>					
	Gross profit			298 880					
	Wages and salaries	(91 000 – 7500)	83 500	(1)					
	Advertising	(30000 - 1400)	28 600	(1)					
	General expenses		109 000						
	Equipment maintenance	(11800 + 2500)	14 300	(1)					
	Loan interest to Athula		2 000	(1)					
	Bank loan interest	(4000 + 2400)	6 400	(1)					
	Bad debt		4 000						
	Increase in provision for dou Provisions for depreciation –		1 300						
	Buildings		2 000	(1)					
	Equipment		7 000	(1)					
	Office fixtures		3 300	(1)					
				(261 400)					
	Profit for the year			` 37 480 <sup>′</sup>					
	Interest on drawings:								
	Athula		960 (1)						
	Bhulo		<u>560 (1)</u>						
		-	` '	1 520_					
				39 000					

Question					Answer				Marks
5(a)		Interest on o	apital: Athula Bhulo			3 000 2 000 5 000			
		Partner's sa	lary: Bhulo			5 000 (1)Both 7 500 (1)	12 500		
		Share of pro	ofit: Athula Bhulo				26 500 15 900 (1)OF 10 600 26 500		
5(b)	Current accounts								7
			Athula	Bhulo			Athula	Bhulo	
	Date	Details	\$	\$	Date	Details	\$	\$	
	2017				2017				
	1 May	Balance b/d	3 800		1 May	Balance b/d		1 800	
	2018				2018	Loan interest	2 000 (1)		
	30 April	Drawings	12 000	7 000 (1)*	30 April	Inter't on cap	3 000	2 000 <b>(1)OF</b> *	
		Salary drawn		7 500 (1)		Salary		7 500	
		Int't on draw'g	960	560 <b>(1)OF</b> *		Profit share	15 900	10 600 <b>(1)OF</b> *	
		Balance c/d	<u>4 140</u>	<u>6 840</u>					
			<u>20 900</u>	<u>21 900</u>			<u>20 900</u>	<u>21 900</u>	
					1 May	Balance b/d	4 140	6 840 <b>(1)OF</b> *	

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Question		Answer			Marks						
5(c)	Athula and Bhulo										
	Statement of Financial Position at 30 April 2018										
	Non-current assets	Cost	Accumulated depreciation	Book value							
		\$	\$	\$							
	Land and buildings	150 000	14 000	136 000 <b>(1)OF</b>							
	Equipment	60 000	32 000	28 000 <b>(1)OF</b>							
	Office fixtures	33 000 <b>(1)</b>	20 300	12 700 <b>(1)OF</b>							
		243 000	66 300	176 700							
	Current assets										
	Inventory		51 000	(1)							
	Trade receivables (42 000 – 4000)	38 000	01000	(1)							
	Provision for doubtful debts	(3 400)		(•)							
	1 Toviolott for doubtful debto	(0 100)	34 600	(1)OF							
	Other receivables		1 400	(1)							
	Bank (9 000 <b>(1)</b> – 6 000 <b>(1)</b> )		3 000	(-)							
	Baint (0 000 (1) 0 000(1))			90 000							
	Total Assets			266 700							
	Total Assets			200700							
	Capital accounts										
	Athula		60 000								
	Bhulo		40 000								
	Biluio		40 000	100 000							
	Current accounts:			100 000							
	Athula		4 140								
	Bhulo		6 840								
	DIIUIO		0 040	10.090 (4) <b>0</b> E							
	Non-current liabilities			10 980 <b>(1)OF</b>							
	5% Loan from Athula (repayable 2020)										
	8% loan (repayable 2024)		40 000								
	0 /0 IDaii (lepayable 2024)										
			80 000	120,000 (4)							
				120 000 <b>(1)</b>							

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Question		Answer	Marks
	Current liabilities Trade payables Other payables (2500(1) + 2400 (1))  Total Capital and Liabilities  Suitable alternative layouts accepted	30 820 <b>(1)</b> 4 900  35 720 266 700	

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