

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

Cambridge International Advanced Subsidiary and Advanced Level

ACCOUNTING 9706/23

Paper 2 Structured Questions

May/June 2018

MARK SCHEME
Maximum Mark: 90

#### **Published**

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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#### **PUBLISHED**

#### **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	Answer					
1(a)	Profit for year before adjustments Less: Depreciation – Plant and machinery W1 – Motor vehicles W2 Loss on sale W3  Revised profit before appropriation  W1: Depreciation plant and machinery = $65000 + 7500 - 10000 \times 10\% = 6250$ W2: depreciation motor vehicles = $18000 - 3600 = (14400 + 14000) \times 20\% = 5680$ W3: Loss on sale $(10000 - 2000) = 8000 - 6800 = 1200$	\$ 6250 (1) 5680 (1) 1200 (1)		5		

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Question	Answer	Marks				
1(b)	Carlos and Erika Appropriation account for the year ended 31 July 2018					
	Revised profit for the year 24 360					
	Add: Interest on drawings Carlos – Erika 300 300 (1)					
	Less: Interest on capital Carlos (2 520) Erika (840) (3 360) (1)					
	Less: Salary Carlos (10 000) Erika (15 000) (25 000) (1)					
	Loss (3 700)					
	Share of loss Carlos (2 775) } Erika (925) }(1)OF					
	Revised profit must be candidate's own figure from 1(a) to be awarded OF share of loss mark.					

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Question				A	nswer				Marks
1(c)	Carlos and Erika Current accounts						5		
	Balance b/d Drawings Interest on drawings Share of loss  Balance b/d	\$ Carlos 15 000 - 2 775 - 17 775 3 955		* (1)OF (1)OF	Balance b/d Interest on capital Salaries Balance c/d	\$ Carlos 1 300 2 520 10 000 3 955	\$ Erika 840 15 000 10 635 26 475	_	
1(d)(i)	* Drawings/salaries both must b $(\frac{46}{365} \times \$385000)  \textbf{(1)} = \$48521$	e correct fo							4
1(d)(ii)	$(\frac{36}{365} \times \$172000)$ <b>(1)</b> = \\$16\964	(1)							

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Question	Answer	Marks
1(e)	Positive working capital. (1)	4
	The trade receivables collection period has deteriorated from 31 days to 46 days which could increase the possibility of bad debts. (1)	
	The trade payables payment period has decreased by 3 days suggesting that creditors are being paid faster than they need to be or less credit has been extended by suppliers. <b>(1)</b>	
	Cash flow problems may result. (1)	
	The above may have led to the increased bank overdraft and associated bank interest. (1)	
	There may be less effective credit control in place/may not be carrying out adequate credit referencing checks on new customers. (1)	
	Max 4 marks	
1(f)	The partners could reduce their salaries. (1)	3
	The partners could reduce their drawings. (1)	
	Additional capital could be introduced by the existing partners. (1)	
	A new partner, or partners, could be admitted to the partnership. (1)	
	A loan could be negotiated. (1)	
	The partnership could dispose of surplus/unused non-current assets. (1)	
	Max 3 marks Accept other valid points	

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Question	Answer	Marks
1(g)	Remaining as a partnership	5
	Disadvantages:	
	The partners usually have unlimited liability	
	Profits need to be shared with other partners	
	There is the possibility of disputes between the partners	
	Decisions made by one partner are legally binding on the others	
	Partnership will need to be dissolved if partner dies	
	1 mark per valid point	
	Max 2 marks	
	Becoming a limited company	
	Disadvantages:	
	Potential loss of control as additional shareholders invest	
	There will be costs associated with setting up the company	
	More detailed financial information	
	Available for public scrutiny	
	1 mark per valid point	
	Max 2 marks	
	1 for decision	
	Accept other valid points	

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Question	Answer	Marks		
2(a)	Trading section of Income Statement for year ended 31 January 2016			
	\$ \$ Revenue 248 758 Less: Returns inwards (6 250) 242 508 (1)			
	Purchases (bal fig) 190 872 (1) <b>OF</b> Add: Carriage inwards 12 371 (1) 203 243			
	Less: Returns outwards (11 875) 191 368			
	Less: Goods for own use (2 246) (1) 189 122			
	Less: Closing inventory (27 450) (1) Cost of sales 161 672 Gross profit 80 836 (1)OF			
2(b)	Control accounts help to reduce fraud (1) as a result of segregation of duties (1).	4		
	Control accounts check the arithmetical accuracy of the ledgers/help in locating errors (1) but not all errors are identified (1).			
	Control accounts can provide total trade receivables/trade payables amounts quickly (1) assisting in the preparation of financial statements (1).			
	1 mark for identification and 1 mark for development for each advantage Max 2 marks			

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Question	Answer	Marks
2(c)	Revenue decreases by \$3600 (1)	5
	Inventory increases by \$2400 (1)	
	Profit decreases by \$1200 <b>(1)</b> + \$572 <b>(1)</b> + \$2448 <b>(1)</b> = \$4220	
	Trade receivables decrease by \$3600 <b>(1)</b> + \$572 <b>(1)</b> + \$2448 <b>(1)</b> = \$6620	
	Max 5 marks	
3(a)	The bookkeeper does not know where to post an entry. (1) In order to prepare draft financial statements. (1)	2
3(b)	Error of omission Error of commission Error of principle Compensating error Error of original entry Error of reversal	4
	1 mark for each type of error – Max 4 marks	
3(c)	Suspense account  \$ \$  Bank 3300 (1) Opening balance 4797 (1)OF  Purchases returns 960 (1) Telephone 450 (1)  Returns inwards 960 (1)  Sales ledger control account 27 (1)  5 247	6

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Question	Answer	Marks		
3(d)	Helps future planning/targets/goals (1) Decision making (1) Able to assess performance/comparisons (1) Valuation of assets, liabilities and capital (1) For tax purposes (1) To present to bank for additional finance (1)			
	Accept other valid points.			
	Max 3 marks			
4(a)	\$3.60 × 45% = \$1.62 <b>(1)</b> × 2000 units = \$3240 × 4 weeks = \$12 960 <b>(1)</b>	2		
4(b)	2000 + (2000 × 150%) = 5000 <b>(1)</b> × 4 weeks = 20 000 units <b>(1)</b>	2		
4(c)	\$ Selling price (\$3.60 × 80%) Variable cost (\$3.60 × 55%) Contribution per unit  Total contribution (20 000 × 0.90) Additional fixed costs Profit  Additional loss (12 960 – 12 000)  \$ 2.88 (1) 1.98 (1) 0.90 (1)  18 000 (1)  (1) 19 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1) 10 (1)	7		
4(d)	Required contribution 12 960 + 6 000 \$18 960 (1) Required sales volume 18 960 / 0.90 21 067 units (1) Weekly sales volume 21 067 / 4 5 267 units (1) % increase required (5 267 / 2 000) × 100 263% (1)	4		

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Question	Answer	Marks
4(e)	Based on directors' forecasts, incremental loss \$960 (1)(OF).	5
	The required increase of \$960 is only slightly higher than the directors' expectations. (1)	
	Positive contribution made (1)(OF).	
	How accurate are the directors' forecasts of sales/additional costs? (1)	
	The promotion may have a positive/negative impact on the company's other products. (1)	
	Have the directors considered the reaction of employees to the promotion? (1)	
	Have the directors considered the reaction of competitors? (1)	
	Does the company have the spare capacity to service the promotion? (1)	
	Accept other valid points.	
	Advice (1) Financial factors – Max 3 marks Non-financial factors – Max 3 marks	
4(f)	Used to determine the effect that changes in costs and volume (1) will have on the company's operating income and net income (1).	2

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Question	Answer	Marks
4(g)	Sales price per unit is constant (1)	4
	Total fixed costs are constant (1)	
	Variable cost <b>per unit</b> is constant (1)	
	All production is sold (1)	
	If the company sells more than one product, the product mix remains constant (1)	
	Costs are only affected as a result of changes in activity (1)	
	Max 4 marks	
4(h)(i)	$\frac{445000}{26400}$ = \$16.86 <b>(1)</b> per labour hour <b>(1)</b>	2
4(h)(ii)	Based on budgeted data (1) which may lead to inaccurate absorption rates (1)	2
	Can artificially inflate profits (1) when there are changes in inventory values (1)	
	Not useful for short-term decision making (1) as each unit of production includes fixed costs which remain the same (1)	
	Not useful as a basis for responsibility accounting (1) as fixed costs are out of control of managers (1)	
	Accept other valid points.	
	1 mark for identification and 1 mark for development Max 2 marks	

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