



Cambridge Assessment International Education
Cambridge International General Certificate of Secondary Education

ACCOUNTING

0452/13

Paper 1

October/November 2018

MARK SCHEME

Maximum Mark: 120

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.

Cambridge International will not enter into discussions about these mark schemes.

Cambridge International is publishing the mark schemes for the October/November 2018 series for most Cambridge IGCSE™, Cambridge International A and AS Level components and some Cambridge O Level components.

This document consists of **20** printed pages.

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.

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.

Question	Answer	Marks
1(a)	C	1
1(b)	B	1
1(c)	B	1
1(d)	C	1
1(e)	A	1
1(f)	D	1
1(g)	A	1
1(h)	D	1
1(i)	D	1
1(j)	B	1

Question	Answer	Marks
1	Glossary (c) A $20\% \cdot (23\,000 - 4\,600)$ B $20\% \cdot 23\,000$ C $(20\% \cdot 18\,400) + 4\,600$ D $(20\% \cdot 23\,000) + 4\,600$ (d) A $CA_s - CL_s = (35 + 29) - (9 + 25)$ B $Net\ As - LTL_s = (121 + 35 + 29 - 9 - 25) - 70$ C $Total\ As - CL_s = (121 + 35 + 29) - (9 + 25)$ D $Total\ As = 121 + 35 + 29$ (f) A $42\,150 - 2\,120 - 2\,840$ B $42\,150 + 2\,120 - 2\,840$ C $42\,150 + 2\,840 - 2\,120$ D $42\,150 + 2\,120 + 2\,840$ (g) A $(\frac{2}{3} \cdot 14\,700 - 9\,000) + 9\,000 - 2\,100$ B $(\frac{2}{3} \cdot 14\,700 - 9\,000) + 9\,000 + 2\,100$ C $(\frac{2}{3} \cdot 14\,700) + 9\,000 - 2\,100$ D $(\frac{2}{3} \cdot 14\,700) + 9\,000 + 2\,100$	

Question	Answer	Marks															
2(a)	Total resources provided by the owner for the business/amount the business owes the business owner Allow the amount the owner has invested, but not capital invested. Do not award for just the equation.	1															
2(b)	<table> <tr> <th>transaction</th><th>account to be debited</th><th>account to be credited</th></tr> <tr> <td>obtained loan from bank</td><td>Bank/cash at bank (1)</td><td>loan (1)</td></tr> <tr> <td>purchased office fixtures by cheque</td><td>office fixtures (1)</td><td>Bank/cash at bank (1)</td></tr> <tr> <td>sold computer for cash</td><td>Cash/cash in hand (1)</td><td>sales (1)</td></tr> <tr> <td>took printer for personal use</td><td>drawings (1)</td><td>purchases (1)</td></tr> </table>	transaction	account to be debited	account to be credited	obtained loan from bank	Bank/cash at bank (1)	loan (1)	purchased office fixtures by cheque	office fixtures (1)	Bank/cash at bank (1)	sold computer for cash	Cash/cash in hand (1)	sales (1)	took printer for personal use	drawings (1)	purchases (1)	8
transaction	account to be debited	account to be credited															
obtained loan from bank	Bank/cash at bank (1)	loan (1)															
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sold computer for cash	Cash/cash in hand (1)	sales (1)															
took printer for personal use	drawings (1)	purchases (1)															
2(c)	Check the arithmetical accuracy of the double entry Assist in preparation of financial statements Any 1 reason Do not allow just accuracy or references to ledgers	1															

Question	Answer	Marks																											
2(d)	<table border="1"> <thead> <tr> <th></th><th>debit column</th><th>credit column</th></tr> </thead> <tbody> <tr> <td>capital</td><td></td><td>✓</td></tr> <tr> <td>drawings</td><td>✓</td><td></td></tr> <tr> <td>provision for depreciation</td><td></td><td>✓</td></tr> <tr> <td>carriage inwards</td><td>✓</td><td></td></tr> <tr> <td>carriage outwards</td><td>✓</td><td></td></tr> <tr> <td>rent received</td><td></td><td>✓</td></tr> <tr> <td>stationery</td><td>✓</td><td></td></tr> <tr> <td>sales returns</td><td>✓</td><td></td></tr> </tbody> </table> Each two correct items (1)		debit column	credit column	capital		✓	drawings	✓		provision for depreciation		✓	carriage inwards	✓		carriage outwards	✓		rent received		✓	stationery	✓		sales returns	✓		4
	debit column	credit column																											
capital		✓																											
drawings	✓																												
provision for depreciation		✓																											
carriage inwards	✓																												
carriage outwards	✓																												
rent received		✓																											
stationery	✓																												
sales returns	✓																												
2(e)	Error of commission Any suitable example such as crediting X instead of Y, debiting rent instead of rates (1) Error of omission Any suitable example of transaction completely omitted from books, for example, payment of insurance completely missed out (1) Compensating errors Any suitable example such as overcasting sales by \$100 and overcasting purchases by \$100 (1)	3																											
2(f)	Capital expenditure (1) Revenue expenditure (1)	2																											

Question	Answer			Marks
2(g)		Income Statement	Statement of Financial Position	4
	purchase of motor vehicle		✓(1)	
	charge for delivering motor vehicle		✓(1)	
	insurance for motor vehicle	✓(1)		
	fuel for motor vehicle	✓(1)		

Question	Answer										Marks
3(a)	Lefika										12
	Cash Book										
	Date	Details	Discount allowed	Cash	Bank	Date	Details	Discount received	Cash	Bank	
	2018		\$	\$	\$	2018		\$	\$	\$	
	Aug 1	Balance b/d		30		Aug 1	Balance b/d			1 253	
	5	Tabia (1)	9		441	8	Tebago (1)	7		273	
	16	Nyack (1)	8		282	31	Drawings (1)		200		
	28	Sales (1)		90	153		Bank c (1)		150		
	30	Disposal (1)		250			Balance c/d		20		
	31	Cash c (1)OF			150						
	Balance c/d			500							
		17	370	1 526			7	370	1 526		
2018					2018						
Sept 1	Balance b/d (1)		20		Sept 1	Balance b/d (1)OF			500		
+ (1) dates need all dates but do not have to bring balances down + (1) totalling discount columns Do not award non current asset for sale of non current asset in lieu of disposal Need correct label and amount(s) for 1 mark Must have bal c/d amount to gain bal b/d mark											

Question	Answer	Marks																																																						
3(b)	Lefika Bank Reconciliation Statement at 31 August 2018 <table><tr><td></td><td></td><td>\$</td><td></td><td>\$</td><td></td></tr><tr><td>Balance shown on bank statement</td><td></td><td></td><td></td><td>(812)</td><td>(1)</td></tr><tr><td>Add Amounts not credited –</td><td>Sales</td><td>153</td><td>(1)</td><td></td><td></td></tr><tr><td></td><td>Cash</td><td>150</td><td>(1)</td><td>OF</td><td></td></tr><tr><td>Cheque not credited –</td><td>Nyack</td><td><u>282</u></td><td>(1)</td><td>OF</td><td><u>585</u></td></tr><tr><td></td><td></td><td></td><td></td><td>(227)</td><td></td></tr><tr><td>Less cheques not yet presented –</td><td>Tebago</td><td></td><td></td><td>(273)</td><td>(1)</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>OF</td></tr><tr><td>Balance shown in cash book</td><td></td><td></td><td></td><td><u>(500)</u></td><td>(1)</td></tr></table>			\$		\$		Balance shown on bank statement				(812)	(1)	Add Amounts not credited –	Sales	153	(1)				Cash	150	(1)	OF		Cheque not credited –	Nyack	<u>282</u>	(1)	OF	<u>585</u>					(227)		Less cheques not yet presented –	Tebago			(273)	(1)						OF	Balance shown in cash book				<u>(500)</u>	(1)	6
		\$		\$																																																				
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	Cash	150	(1)	OF																																																				
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3(b)	Alternative presentation Lefika Bank reconciliation Statement at 31 August 2018 <table><tr><td></td><td></td><td style="text-align: right;">\$</td><td style="text-align: right;">\$</td><td></td></tr><tr><td>Balance shown in cash book</td><td></td><td></td><td style="text-align: right;">(500)</td><td style="text-align: right;">(1)OF</td></tr><tr><td>Add Cheques not yet presented</td><td>Tebago</td><td></td><td style="text-align: right;"><u>273</u></td><td style="text-align: right;">(1)OF</td></tr><tr><td>–</td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td style="text-align: right;">(227)</td><td></td></tr><tr><td>Less amounts not credited –</td><td>Sales</td><td style="text-align: right;">153</td><td style="text-align: right;">(1)</td><td></td></tr><tr><td></td><td>Cash</td><td style="text-align: right;">150</td><td style="text-align: right;">(1)OF</td><td></td></tr><tr><td>Cheques not credited –</td><td>Nyack</td><td style="text-align: right;"><u>282</u></td><td style="text-align: right;">(1)OF</td><td style="text-align: right;">(585)</td></tr><tr><td>Balance shown on bank statement</td><td></td><td></td><td style="text-align: right;"><u>(812)</u></td><td style="text-align: right;">(1)</td></tr></table>			\$	\$		Balance shown in cash book			(500)	(1)OF	Add Cheques not yet presented	Tebago		<u>273</u>	(1)OF	–								(227)		Less amounts not credited –	Sales	153	(1)			Cash	150	(1)OF		Cheques not credited –	Nyack	<u>282</u>	(1)OF	(585)	Balance shown on bank statement			<u>(812)</u>	(1)	
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3(c)	Work can be shared amongst several people/division of work Easier for reference as same type of accounts are kept together/locate details of transactions Easier to introduce checking procedures Reduce possibility of fraud Or other suitable advantage Any one advantage (1)	1																																													
3(d)	<table><tr><td>(i)</td><td>sales/trade receivables ledger</td><td style="text-align: right;">(1)</td></tr><tr><td>(ii)</td><td>nominal (general) ledger</td><td style="text-align: right;">(1)</td></tr><tr><td>(iii)</td><td>nominal (general) ledger</td><td style="text-align: right;">(1)</td></tr><tr><td>(iv)</td><td>purchases/trade payables ledger</td><td style="text-align: right;">(1)</td></tr></table>	(i)	sales/trade receivables ledger	(1)	(ii)	nominal (general) ledger	(1)	(iii)	nominal (general) ledger	(1)	(iv)	purchases/trade payables ledger	(1)	4																																	
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4(a)	Ava Bad debts recovered account <table><tr><th>Date</th><th>Details</th><th>\$</th><th>Date</th><th>Details</th><th>\$</th></tr><tr><td>2018</td><td></td><td></td><td>2018</td><td></td><td></td></tr><tr><td>July 31</td><td>Income statement (1)</td><td>194</td><td>July 31</td><td>Bank</td><td>194</td></tr><tr><td></td><td></td><td></td><td></td><td>OR</td><td></td></tr><tr><td></td><td></td><td></td><td></td><td>Wilma</td><td></td></tr><tr><td></td><td></td><td><u>194</u></td><td></td><td>} (1)</td><td><u>194</u></td></tr></table> Bad debts account <table><tr><th>Date</th><th>Details</th><th>\$</th><th>Date</th><th>Details</th><th>\$</th></tr><tr><td>2018</td><td></td><td></td><td>2018</td><td></td><td></td></tr><tr><td>July 1</td><td>Total to date</td><td>218</td><td>July 31</td><td>Income statement (1)</td><td>398</td></tr><tr><td>31</td><td>Gary (1)</td><td>180</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td><u>398</u></td><td></td><td></td><td><u>398</u></td></tr></table>	Date	Details	\$	Date	Details	\$	2018			2018			July 31	Income statement (1)	194	July 31	Bank	194					OR						Wilma				<u>194</u>		} (1)	<u>194</u>	Date	Details	\$	Date	Details	\$	2018			2018			July 1	Total to date	218	July 31	Income statement (1)	398	31	Gary (1)	180						<u>398</u>			<u>398</u>	14
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Cambridge IGCSE – Mark Scheme
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Question	Answer										Marks
4(a)	Gary account										
	Date		Details		\$	Date		Details		\$	
	2018					2018					
	July	1	Balance	b/d	270	July	31	Cash	(1)	90	
								Bad debts	(1)	180	
					<u>270</u>					<u>270</u>	
	Provision for doubtful debts account										
	Date		Details		\$	Date		Details		\$	
	2018					2017					
	July	31	Balance	c/d	460	Aug	1	Balance	b/d	310	

Question	Answer	Marks																																																																														
4(a)	Discount allowed account <table><tr><th>Date</th><th>Details</th><th>\$</th><th>Date</th><th>Details</th><th>\$</th></tr><tr><td>2018</td><td></td><td></td><td>2018</td><td></td><td></td></tr><tr><td>July 1</td><td>Total to date</td><td>1 495</td><td>July 31</td><td>Income statement (1)</td><td>1639</td></tr><tr><td>31</td><td>Total for month (1)</td><td>144</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td><u>1639</u></td><td></td><td></td><td><u>1639</u></td></tr></table> Provision for depreciation of office equipment account <table><tr><th>Date</th><th>Details</th><th>\$</th><th>Date</th><th>Details</th><th>\$</th></tr><tr><td>2018</td><td></td><td></td><td>2017</td><td></td><td></td></tr><tr><td>July 31</td><td>Balance c/d</td><td>12 800</td><td>Aug 1</td><td>Balance b/d</td><td>9 600</td></tr><tr><td></td><td></td><td></td><td>2018</td><td></td><td></td></tr><tr><td></td><td></td><td><u>12 800</u></td><td>July 31</td><td>Income statement (1)</td><td>(1) 3 200</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td><u>12 800</u></td></tr><tr><td></td><td></td><td></td><td>2018</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td>Aug 1</td><td>Balance b/d (1)OF</td><td>12 800</td></tr></table>	Date	Details	\$	Date	Details	\$	2018			2018			July 1	Total to date	1 495	July 31	Income statement (1)	1639	31	Total for month (1)	144						<u>1639</u>			<u>1639</u>	Date	Details	\$	Date	Details	\$	2018			2017			July 31	Balance c/d	12 800	Aug 1	Balance b/d	9 600				2018					<u>12 800</u>	July 31	Income statement (1)	(1) 3 200						<u>12 800</u>				2018						Aug 1	Balance b/d (1)OF	12 800	
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+ (1) dates need dates on all entries but can still have if no bal b/d																																																																																

Question	Answer	Marks
4(b)	Prudence Accruals (matching) Consistency Any two (1) each	2
4(c)	Both years are within the credit period allowed Slight improvement in 2018/or collection period has decreased Risk of bad debts is reduced by prompt payment Assists cash flow of business Allows funds to be available for payment of trade payables/running costs No cash discount will be allowed Or other relevant comments Any two comments (1) each	2
4(d)	Eliminates possibility of bad debts Improves cash flow/better liquidity Customers may go to other agencies where credit terms are available/sales decrease Reduce provision for doubtful debts Trade receivables will reduce/not exist Or other relevant comments Any two comments (1) each	2

Question	Answer	Marks																								
5(a)	<table> <tr> <td>Calculation of sales</td><td>\$</td><td></td></tr> <tr> <td>Cheques received from trade receivables</td><td>47 970</td><td>(1)</td></tr> <tr> <td>Discount allowed</td><td>1 230</td><td>(1)</td></tr> <tr> <td>Bad debts written off</td><td>115</td><td>(1)</td></tr> <tr> <td>Trade receivables at 30 September 2018</td><td><u>3 305</u></td><td>(1)</td></tr> <tr> <td></td><td>52 620</td><td></td></tr> <tr> <td>Less Trade receivables at 1 October 2017</td><td><u>4 620</u></td><td>(1)</td></tr> <tr> <td>Sales</td><td><u>48 000</u></td><td>(1)</td></tr> </table>	Calculation of sales	\$		Cheques received from trade receivables	47 970	(1)	Discount allowed	1 230	(1)	Bad debts written off	115	(1)	Trade receivables at 30 September 2018	<u>3 305</u>	(1)		52 620		Less Trade receivables at 1 October 2017	<u>4 620</u>	(1)	Sales	<u>48 000</u>	(1)	6
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5(a)	Alternative presentation Total trade receivables account <table><tr><th>Date</th><th>Details</th><th>\$</th><th>Date</th><th>Details</th><th>\$</th></tr><tr><td>2017</td><td></td><td></td><td>2018</td><td></td><td></td></tr><tr><td>Oct 1</td><td>Balance b/d (1)</td><td>4 620</td><td>Sept 30</td><td>Bank (1)</td><td>47 970</td></tr><tr><td>2018</td><td></td><td></td><td></td><td>Discount allowed (1)</td><td>1 230</td></tr><tr><td>Sept 30</td><td>Sales (1)OF</td><td>48 000</td><td></td><td>Bad debts (1)</td><td>115</td></tr><tr><td></td><td></td><td><u>52 620</u></td><td></td><td>Balance c/d (1)</td><td>3 305</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td><u>52 620</u></td></tr></table> No aliens allowed for OF sales	Date	Details	\$	Date	Details	\$	2017			2018			Oct 1	Balance b/d (1)	4 620	Sept 30	Bank (1)	47 970	2018				Discount allowed (1)	1 230	Sept 30	Sales (1)OF	48 000		Bad debts (1)	115			<u>52 620</u>		Balance c/d (1)	3 305						<u>52 620</u>	
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Question	Answer	Marks																																													
5(b)	Khalid Income Statement (Trading Account section) for the year ended 30 September 2018 <table><tr><td></td><td>\$</td><td>\$</td><td>\$</td><td></td></tr><tr><td>Revenue</td><td></td><td></td><td>48 000</td><td>(1)OF</td></tr><tr><td>Cost of sales</td><td></td><td></td><td></td><td></td></tr><tr><td>Opening inventory</td><td></td><td>3 100</td><td>(1)</td><td></td></tr><tr><td>Purchases</td><td></td><td>39 200</td><td>(1)</td><td></td></tr><tr><td></td><td></td><td><u>42 300</u></td><td></td><td></td></tr><tr><td>Closing inventory on premises</td><td>1 500</td><td>(1)</td><td></td><td></td></tr><tr><td>destroyed</td><td><u>2 400</u></td><td>(1)OF</td><td><u>3 900</u></td><td>38 400 (1)OF</td></tr><tr><td>Gross profit</td><td></td><td></td><td><u>9 600</u></td><td>(1)OF</td></tr></table>		\$	\$	\$		Revenue			48 000	(1)OF	Cost of sales					Opening inventory		3 100	(1)		Purchases		39 200	(1)				<u>42 300</u>			Closing inventory on premises	1 500	(1)			destroyed	<u>2 400</u>	(1)OF	<u>3 900</u>	38 400 (1)OF	Gross profit			<u>9 600</u>	(1)OF	7
	\$	\$	\$																																												
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5(c)(i)	$\frac{38\,400\text{ OF}}{(3\,100 + 3\,900)\text{ OF} \div 2} = \frac{38\,400\text{ OF}}{3\,500\text{ OF}} = 10.97\text{ times}$ (1) whole formula = 10.97 times (1) OF	2																																													
5(c)(ii)	The number of times the inventory is sold and replaced in the financial year (1)	1																																													

Question	Answer			Marks
5(d)		debit entry	credit entry	5
	opening balance owed to credit suppliers		✓(1)	
	credit purchases		✓(1)	
	cheques paid to credit suppliers	✓(1)		
	cash discount received	✓(1)		
	contra between sales and purchases ledgers	✓(1)		

Question	Answer	Marks
6(a)	FW Limited Extract from Statement of Financial Position at 30 September 2018 \$ Equity and reserves Ordinary share capital (100 000 + 50 000)150 000 (1) General reserve (15 000 + 5 000)20 000 (1) Retained earnings (7 000 + 28 000 (1) – 5 000 (1) – 9 000 (1))<u>21 000</u> <u>191 000 (1)</u> Non-current liabilities 5% Debentures (repayable 2024)<u>40 000 (1)</u>	7
6(b)(i)	Owners of the share capital of a limited liability company (1)	1
6(b)(ii)	The liability of shareholders for the debts of the company is limited to the amount they agree to pay for their shares (1)	1

Question	Answer	Marks										
6(c)(i)	<table><tr><td>ordinary shares</td><td>preference shares</td></tr><tr><td>dividend rate varies</td><td>dividend is fixed percentage</td></tr><tr><td>rank after preference shares for dividend</td><td>rank before ordinary shares for dividend</td></tr><tr><td>rank after preference shares in a winding-up</td><td>rank before ordinary shares in a winding-up</td></tr><tr><td>can vote at the annual general meeting</td><td>cannot vote at the annual general meeting</td></tr></table> Any one comparison (2)	ordinary shares	preference shares	dividend rate varies	dividend is fixed percentage	rank after preference shares for dividend	rank before ordinary shares for dividend	rank after preference shares in a winding-up	rank before ordinary shares in a winding-up	can vote at the annual general meeting	cannot vote at the annual general meeting	2
ordinary shares	preference shares											
dividend rate varies	dividend is fixed percentage											
rank after preference shares for dividend	rank before ordinary shares for dividend											
rank after preference shares in a winding-up	rank before ordinary shares in a winding-up											
can vote at the annual general meeting	cannot vote at the annual general meeting											
6(c)(ii)	Get a fixed return Have priority over ordinary shares for the interest/dividend Have priority over ordinary shareholders in a winding-up Cannot vote at the annual general meeting Or other suitable point Any two points (1) each	2										
6(d)	Proposal 1 Effect on profit – decrease of \$3 000 (1) Reason – debenture interest is an expense in the income statement/or deducted from operating profit (1) Proposal 2 Effect on profit – no effect (1) Reason – ordinary shares dividend is an appropriation of profit not an expense in the income statement (1)	4										
6(e)	$(42\,000 + 34\,000 + 36\,000) : (35\,000 + 30\,000)$ (1) whole formula $= 112\,000 : 65\,000$ $= 1.72 : 1$ (1)	2										

Question	Answer				Marks
6(f)			effect on current ratio		4
			increase	decrease	
	use the bank balance to repay the loan	✓(1)			
	purchase non-current assets on credit		✓(1)		
	sell half the inventory at cost price to cash customers			✓(1)	
	pay amount owed to trade payables by cheque	✓(1)			