



Cambridge IGCSE™

ACCOUNTING

0452/22

Paper 2

March 2021

MARK SCHEME

Maximum Mark: 100

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 March 2021 series for most Cambridge IGCSE™, Cambridge International A and AS Level components and some Cambridge O Level components.

This document consists of **19** 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.

PUBLISHED**Social Science-Specific Marking Principles
(for point-based marking)****1 Components using point-based marking:**

- Point marking is often used to reward knowledge, understanding and application of skills. We give credit where the candidate's answer shows relevant knowledge, understanding and application of skills in answering the question. We do not give credit where the answer shows confusion.

From this it follows that we:

- a** DO credit answers which are worded differently from the mark scheme if they clearly convey the same meaning (unless the mark scheme requires a specific term)
- b** DO credit alternative answers/examples which are not written in the mark scheme if they are correct
- c** DO credit answers where candidates give more than one correct answer in one prompt/numbered/scaffolded space where extended writing is required rather than list-type answers. For example, questions that require *n* reasons (e.g. State two reasons ...).
- d** DO NOT credit answers simply for using a 'key term' unless that is all that is required. (Check for evidence it is understood and not used wrongly.)
- e** DO NOT credit answers which are obviously self-contradicting or trying to cover all possibilities
- f** DO NOT give further credit for what is effectively repetition of a correct point already credited unless the language itself is being tested. This applies equally to 'mirror statements' (i.e. polluted/not polluted).
- g** DO NOT require spellings to be correct, unless this is part of the test. However spellings of syllabus terms must allow for clear and unambiguous separation from other syllabus terms with which they may be confused (e.g. Corrasion/Corrosion)

2 Presentation of mark scheme:

- Slashes (/) or the word 'or' separate alternative ways of making the same point.
- Semi colons (;) bullet points (•) or figures in brackets (1) separate different points.
- Content in the answer column in brackets is for examiner information/context to clarify the marking but is not required to earn the mark (except Accounting syllabuses where they indicate negative numbers).

3 Calculation questions:

- The mark scheme will show the steps in the most likely correct method(s), the mark for each step, the correct answer(s) and the mark for each answer
- If working/explanation is considered essential for full credit, this will be indicated in the question paper and in the mark scheme. In all other instances, the correct answer to a calculation should be given full credit, even if no supporting working is shown.
- Where the candidate uses a valid method which is not covered by the mark scheme, award equivalent marks for reaching equivalent stages.
- Where an answer makes use of a candidate's own incorrect figure from previous working, the 'own figure rule' applies: full marks will be given if a correct and complete method is used. Further guidance will be included in the mark scheme where necessary and any exceptions to this general principle will be noted.

4 Annotation:

- For point marking, ticks can be used to indicate correct answers and crosses can be used to indicate wrong answers. There is no direct relationship between ticks and marks. Ticks have no defined meaning for levels of response marking.
- For levels of response marking, the level awarded should be annotated on the script.
- Other annotations will be used by examiners as agreed during standardisation, and the meaning will be understood by all examiners who marked that paper.

Question	Answer	Marks																																																																																										
1(a)	<p>Shilpa Sales journal</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="width: 15%;">Date</th> <th style="width: 60%;">Details</th> <th style="width: 25%;">\$</th> </tr> </thead> <tbody> <tr> <td>2021</td> <td></td> <td></td> </tr> <tr> <td>Jan 6</td> <td>Kabir (200 – 40)</td> <td style="text-align: right;">160 (1)</td> </tr> <tr> <td>20</td> <td>Pari</td> <td style="text-align: right;">150 (1)</td> </tr> <tr> <td>26</td> <td>Yash</td> <td style="text-align: right;"><u>62 (1)</u></td> </tr> <tr> <td>31</td> <td>Transfer to sales account</td> <td style="text-align: right;"><u>372 (1) OF</u></td> </tr> </tbody> </table>	Date	Details	\$	2021			Jan 6	Kabir (200 – 40)	160 (1)	20	Pari	150 (1)	26	Yash	<u>62 (1)</u>	31	Transfer to sales account	<u>372 (1) OF</u>	4																																																																								
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1(c)	Shilpa Dilip account						4
		Date	Details	\$	Date	Details	\$
		2021			2021		
		Jan 10	Purchases returns (1) (20–5)	15	Jan 3	Purchases (1) (120 – 30)	90
		11	Cash (1)	50			
		31	Balance c/d	<u>25</u>			
				<u>90</u>			
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Question	Answer		Marks				
1(d)	<table border="1"><tr><td data-bbox="831 217 1128 284">Debit note</td><td data-bbox="1128 217 1444 284"></td></tr><tr><td data-bbox="831 284 1128 351">Credit note</td><td data-bbox="1128 284 1444 351">✓(1)</td></tr></table>		Debit note		Credit note	✓(1)	1
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2(b)	<p style="text-align: center;">Zamir Statement of Financial Position (assets section) at 31 December 2020</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;"></th> <th style="width: 20%; text-align: center;">\$</th> <th style="width: 20%; text-align: center;">\$</th> <th style="width: 20%; text-align: center;">\$</th> </tr> </thead> <tbody> <tr> <td colspan="4">Assets</td> </tr> <tr> <td colspan="4">Non-current Assets</td> </tr> <tr> <td></td> <td style="text-align: center;">Cost</td> <td style="text-align: center;">Accumulated depreciation</td> <td style="text-align: center;">Net book value</td> </tr> <tr> <td>*Office equipment</td> <td style="text-align: right; border-top: 1px solid black;">58 200 (1)</td> <td style="text-align: right; border-top: 1px solid black;">30 690 (1)OF</td> <td style="text-align: right; border-top: 1px solid black;">27 510 OF</td> </tr> <tr> <td colspan="4">Current Assets</td> </tr> <tr> <td>Trade receivables (15 600 – 1 885)</td> <td></td> <td style="text-align: right;">13 715 } (1)</td> <td></td> </tr> <tr> <td>Other receivables</td> <td></td> <td style="text-align: right; border-top: 1px solid black;">4 000 }</td> <td></td> </tr> <tr> <td>Total assets</td> <td></td> <td></td> <td style="text-align: right; border-top: 1px solid black; border-bottom: 3px double black;">17 715 45 225</td> </tr> </tbody> </table> <p>* workings: cost 60 000 – 1800 = 58 200 acc dep (22 500 – 540) = 21 960 + 8730 OF = 30 690 OF</p>		\$	\$	\$	Assets				Non-current Assets					Cost	Accumulated depreciation	Net book value	*Office equipment	58 200 (1)	30 690 (1)OF	27 510 OF	Current Assets				Trade receivables (15 600 – 1 885)		13 715 } (1)		Other receivables		4 000 }		Total assets			17 715 45 225	3
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2(c)	<p>High level of drawings (1) High level of trade receivables/trade receivables slow to settle debts (1) Expenses not controlled efficiently (1) To meet short-term debts when they fall due (1) To improve cash flow/liquidity (1) To be able to take advantage of business opportunities as they arise (1) To purchase additional non-current assets/expand the business (1) Accept other valid answers Max (2)</p>	2																																				

Question	Answer	Marks
2(d)	<p>Salary increase – advantages Sharif would only be entitled to his salary and not a share of the profit (1) Zamir would not need to consult Sharif before making decisions (1) Disagreements about decisions etc. would not arise (1) Sharif’s motivation and commitment may improve (1) No changes would be required to the (legal) structure of the business (1) Accept other valid points Max (2)</p> <p>Partnership offer – advantages Sharif may be required to introduce capital (1) The risks/losses and responsibilities would be shared (1) The decision-making would be shared (1) Sharif’s salary as an employee would not need to be paid (1) Sharif may be more committed (1) Accept other valid points Max (2)</p> <p>Recommendation (1)</p>	5

Question	Answer	Marks																								
3(a)	The suspense account balance is entered on the trial balance (1) This means that there are equal debits and credits on the trial balance/the trial balance will balance (1)	2																								
3(b)	<p style="text-align: center;">Rachel Journal</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th data-bbox="495 384 663 483">Error number</th> <th data-bbox="663 384 1135 483">Details</th> <th data-bbox="1135 384 1344 483">Debit \$</th> <th data-bbox="1344 384 1552 483">Credit \$</th> </tr> </thead> <tbody> <tr> <td data-bbox="495 483 663 582">1</td> <td data-bbox="663 483 1135 582">Premises repairs Premises</td> <td data-bbox="1135 483 1344 582">220 (1)</td> <td data-bbox="1344 483 1552 582">220 (1)</td> </tr> <tr> <td data-bbox="495 582 663 681">2</td> <td data-bbox="663 582 1135 681">Motor vehicles Neil's Wheels</td> <td data-bbox="1135 582 1344 681">3400 (1)</td> <td data-bbox="1344 582 1552 681">3400 (1)</td> </tr> <tr> <td data-bbox="495 681 663 780">3</td> <td data-bbox="663 681 1135 780">Sales Purchases</td> <td data-bbox="1135 681 1344 780">100 (1)</td> <td data-bbox="1344 681 1552 780">100 (1)</td> </tr> <tr> <td data-bbox="495 780 663 879">4</td> <td data-bbox="663 780 1135 879">Sales returns Suspense</td> <td data-bbox="1135 780 1344 879">19 (1)</td> <td data-bbox="1344 780 1552 879">19 (1)</td> </tr> <tr> <td data-bbox="495 879 663 1013">5</td> <td data-bbox="663 879 1135 1013">Suspense Bank interest received Bank charges</td> <td data-bbox="1135 879 1344 1013">50 (1)</td> <td data-bbox="1344 879 1552 1013">25 (1) 25 (1)</td> </tr> </tbody> </table>	Error number	Details	Debit \$	Credit \$	1	Premises repairs Premises	220 (1)	220 (1)	2	Motor vehicles Neil's Wheels	3400 (1)	3400 (1)	3	Sales Purchases	100 (1)	100 (1)	4	Sales returns Suspense	19 (1)	19 (1)	5	Suspense Bank interest received Bank charges	50 (1)	25 (1) 25 (1)	11
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3(c)(ii)	Error 2 (1) .	1																								

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3(d)	<table border="1"> <thead> <tr> <th data-bbox="427 248 618 483" rowspan="2">Error number</th> <th colspan="3" data-bbox="618 248 1189 384">Gross Profit</th> <th colspan="3" data-bbox="1189 248 1760 384">Profit for the year</th> <th data-bbox="1760 248 1845 483" rowspan="2"></th> </tr> <tr> <th data-bbox="618 384 808 483">No effect</th> <th data-bbox="808 384 999 483">Understated \$</th> <th data-bbox="999 384 1189 483">Overstated \$</th> <th data-bbox="1189 384 1379 483">No effect</th> <th data-bbox="1379 384 1570 483">Understated \$</th> <th data-bbox="1570 384 1760 483">Overstated \$</th> </tr> </thead> <tbody> <tr> <td data-bbox="427 483 618 549">1</td> <td data-bbox="618 483 808 549">✓</td> <td data-bbox="808 483 999 549"></td> <td data-bbox="999 483 1189 549"></td> <td data-bbox="1189 483 1379 549"></td> <td data-bbox="1379 483 1570 549"></td> <td data-bbox="1570 483 1760 549">220</td> <td data-bbox="1760 483 1845 549"></td> </tr> <tr> <td data-bbox="427 549 618 614">2</td> <td data-bbox="618 549 808 614">✓</td> <td data-bbox="808 549 999 614"></td> <td data-bbox="999 549 1189 614"></td> <td data-bbox="1189 549 1379 614">✓</td> <td data-bbox="1379 549 1570 614"></td> <td data-bbox="1570 549 1760 614"></td> <td data-bbox="1760 549 1845 614">(1)</td> </tr> <tr> <td data-bbox="427 614 618 679">3</td> <td data-bbox="618 614 808 679">✓</td> <td data-bbox="808 614 999 679"></td> <td data-bbox="999 614 1189 679"></td> <td data-bbox="1189 614 1379 679">✓</td> <td data-bbox="1379 614 1570 679"></td> <td data-bbox="1570 614 1760 679"></td> <td data-bbox="1760 614 1845 679">(1)</td> </tr> <tr> <td data-bbox="427 679 618 745">4</td> <td data-bbox="618 679 808 745"></td> <td data-bbox="808 679 999 745"></td> <td data-bbox="999 679 1189 745">19</td> <td data-bbox="1189 679 1379 745"></td> <td data-bbox="1379 679 1570 745"></td> <td data-bbox="1570 679 1760 745">19</td> <td data-bbox="1760 679 1845 745">(1)</td> </tr> <tr> <td data-bbox="427 745 618 810">5</td> <td data-bbox="618 745 808 810">✓</td> <td data-bbox="808 745 999 810"></td> <td data-bbox="999 745 1189 810"></td> <td data-bbox="1189 745 1379 810"></td> <td data-bbox="1379 745 1570 810">50</td> <td data-bbox="1570 745 1760 810"></td> <td data-bbox="1760 745 1845 810">(1)</td> </tr> </tbody> </table>							Error number	Gross Profit			Profit for the year				No effect	Understated \$	Overstated \$	No effect	Understated \$	Overstated \$	1	✓					220		2	✓			✓			(1)	3	✓			✓			(1)	4			19			19	(1)	5	✓				50		(1)	4
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3(e)	The accounting records may contain other errors which have not yet been found (1)							1																																																						

Question	Answer			Marks
4(a)	ratio	working	answer	6
gross margin	$\frac{51\,480}{114\,400} \times \frac{100}{1}$ (1) whole formula		45% (1)	
trade receivables turnover (days) (round up to next whole day)	$\frac{15\,400}{114\,400} \times \frac{365}{1}$ (1) whole formula		50 days (1)	
current ratio (correct to two decimal places)	$\frac{2\,850 + 15\,400}{7\,430 + 6\,190} = \frac{18\,250}{13\,620}$ (1) whole formula		1.34:1 (1)	
4(b)(i)	<p>If Chaaya's trade receivables turnover (in answer to (a)) is greater than Sara's (Sara's was 28 days) Chaaya's trade receivables turnover is slower than Sara's (1) Chaaya may be allowing her credit customers longer to pay (1) Chaaya's credit customers may not be paying within a stated credit period (1) Chaaya's credit control policy may not be efficient (1) This may be causing Chaaya to have more cash flow problems than Sara (1) This may result in Chaaya having more irrecoverable debts than Sara (1) Accept other valid points Max (3)</p> <p>If Chaaya's trade receivables turnover (in answer to (a)) is less than Sara's (Sara's was 28 days) Chaaya's trade receivables turnover is faster than Sara's (1) Chaaya may be allowing her credit customers less time to pay (1) Chaaya's customers may be paying within a stated credit period (1) Chaaya is less likely to have irrecoverable debts than Sara (1) Chaaya's credit control policy is more efficient than Sara's (1) This may be causing Chaaya to have fewer cash flow problems than Sara (1) Accept other valid points Max (3)</p>			3

Question	Answer	Marks
4(b)(ii)	Chaaya and Sara may allow different credit periods (1) Chaaya and Sara may use different accounting policies (1) Chaaya and Sara may have different year-ends (1) The figures relate to one year only. It would be more meaningful to look at trends (1) Accept other valid points Max (2)	2
4(c)	Advantages Cash would be received quicker (1) The bank overdraft may be reduced (1) Overdraft interest may be reduced (1) There would be no irrecoverable debts (1) There would be fewer administration costs (1) Accept other valid points Max (2) Disadvantages May lose customers who prefer to buy on credit / damage relationship with customers (1) Less profit due to trade discount/reduction in selling price/reduction in sales(revenue) (1) If sales are usually one-off rather than regular, the trade discount may have little effect (1) Increased risk of fraud or theft/ increased security measures required (1) Accept other valid points Max (2) Recommendation (1)	5

Question	Answer	Marks
4(d)(i)	If the business has sufficient profitability/liquidity to continue to offer them employment (1) Whether Chaaya could afford to pay them an increase in wages (1)	2
4(d)(ii)	Bank manager (1) Trade payables (1) Customers (1) Government departments/tax office (1) Potential buyers of Chaaya’s business/potential partner (1) Investors/potential investors (1) Accept other valid answers Max (2)	2

Question	Answer	Marks																																	
5(a)	$(70 + 2) (1) \times 130 = 9360$ (1)OF	2																																	
5(b)	<p style="text-align: center;">Maira Income Statement (trading section) for the year ended 31 December 2020</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 20%; text-align: center;">\$</th> <th style="width: 20%; text-align: center;">\$</th> </tr> </thead> <tbody> <tr> <td>Revenue</td> <td></td> <td style="text-align: right;">150 000 (1)</td> </tr> <tr> <td>Cost of sales</td> <td></td> <td></td> </tr> <tr> <td>Purchases (1 400 × 70)</td> <td style="text-align: right;">98 000 (1)</td> <td></td> </tr> <tr> <td>Carriage inwards (1400 × 2)</td> <td style="text-align: right;"><u>2 800</u> (1)</td> <td></td> </tr> <tr> <td></td> <td style="text-align: right;">100 800</td> <td></td> </tr> <tr> <td>Less Goods taken for own use</td> <td style="text-align: right;"><u>1 440</u> (2)CF/(1)OF</td> <td></td> </tr> <tr> <td></td> <td style="text-align: right;">99 360</td> <td></td> </tr> <tr> <td>Less Closing inventory</td> <td style="text-align: right;"><u>9 360</u> (1)OF from (a)</td> <td></td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;"><u>90 000</u> (1)OF</td> </tr> <tr> <td>Gross profit</td> <td></td> <td style="text-align: right;"><u>60 000</u> (1)OF (40% × revenue)</td> </tr> </tbody> </table> <p>Revenue $2 \times 10\,800 = 21\,600$ $8 \times 12\,000 = 96\,000$ $2 \times 16\,200 = \underline{32\,400}$ <u>150 000</u></p>		\$	\$	Revenue		150 000 (1)	Cost of sales			Purchases (1 400 × 70)	98 000 (1)		Carriage inwards (1400 × 2)	<u>2 800</u> (1)			100 800		Less Goods taken for own use	<u>1 440</u> (2)CF/(1)OF			99 360		Less Closing inventory	<u>9 360</u> (1)OF from (a)				<u>90 000</u> (1)OF	Gross profit		<u>60 000</u> (1)OF (40% × revenue)	8
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5(c)	<p>Advantages</p> <p>Maira would have all the necessary figures e.g. balances of individual ledger accounts (1)</p> <p>If the business grows, it will be more difficult to prepare financial statements from incomplete records (1)</p> <p>Detailed records would be available for future reference (1)</p> <p>More accurate comparisons year-on-year/with other businesses is possible (1)</p> <p>More informed decision making will be possible (1)</p> <p>The government/tax office may require an adequate amount of accounting records (1)</p> <p>If Maira wishes to sell the business, a potential buyer may wish to see full accounting records (1)</p> <p>Lenders/potential lenders can be provided with adequate information (1)</p> <p>Maira should be able to prepare financial statements more easily (1)</p> <p>Maira should be able to prepare financial statements more accurately (1)</p> <p>Assist in location of errors/checking procedures, e.g. control accounts may be used (1)</p> <p>The possibility of fraud would be minimised (1)</p> <p>Accept other valid points</p> <p>Max (2)</p> <p>Disadvantages</p> <p>Maira's financial statements may be prepared from incomplete records (1)</p> <p>Maira is busy so she may not have time for book-keeping (1)</p> <p>It may take Maira time to learn double-entry book-keeping (1)</p> <p>Any spare time which Maira can find may be better spent on e.g. marketing (1)</p> <p>If Maira pays a book-keeper to write up her books, the cost of this will reduce her profits (1)</p> <p>Accept other valid points</p> <p>Max (2)</p> <p>Recommendation (1)</p>	5

Question	Answer				Marks
5(d)		Cash book	Purchases journal	Purchases returns journal	3
	Discount received from a supplier for prompt payment	✓(1)			
	Credit note received from a supplier			✓ (1)	
	Direct debit paid to a supplier	✓(1)			
5(e)		Comparability	Relevance	Reliability	2
	Maira’s inventory valuation should be free from significant errors.			✓(1)	
	Maira’s financial statements should be provided in time for her to use them when making decisions about her shop.		✓(1)		