



Cambridge IGCSE™

ACCOUNTING

0452/22

Paper 2

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

This document consists of **15** 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)	Ayesha Sales ledger control account						14

PUBLISHED

Question	Answer		Marks										
1(b)	<table><tr><th>Item</th><th>Book of prime entry</th></tr><tr><td>Returns</td><td>Sales returns journal (1)</td></tr><tr><td>Discount allowed</td><td>Cash book (1)</td></tr><tr><td>Interest charged to customer on overdue account</td><td>General journal/Journal (1)</td></tr><tr><td>Contra entry</td><td>General journal/Journal (1)</td></tr></table>		Item	Book of prime entry	Returns	Sales returns journal (1)	Discount allowed	Cash book (1)	Interest charged to customer on overdue account	General journal/Journal (1)	Contra entry	General journal/Journal (1)	4
Item	Book of prime entry												
Returns	Sales returns journal (1)												
Discount allowed	Cash book (1)												
Interest charged to customer on overdue account	General journal/Journal (1)												
Contra entry	General journal/Journal (1)												
1(c)	Overpayment by credit customer (1) Credit customer returned goods after settling the account (1) Credit customer paid for goods in advance (1) Payment by credit customer before cash discount was deducted (1) Max (2)		2										

Question	Answer			Marks
2(a)		\$	\$	2
	Revenue		160 000	
	Cost of sales			
	Opening inventory	11 000		
	Purchases	109 000		
		<u>120 000</u>		
	Closing inventory	<u>8 000</u>		
			<u>112 000</u>	
	Gross profit		48 000 (1)	
	Operating expenses		<u>35 200</u>	
Profit for the year		<u>12 800 (1)OF</u>		
Accept other forms of presentation				

Question	Answer	Marks										
2(b)(i)	Gross margin $\frac{48\,000}{160\,000} \times \frac{100}{1}$ (1) OF whole formula = 30% (1) OF	2										
2(b)(ii)	Increase selling price / reduce trade discount to customers (1) Obtain cheaper supplies / obtain higher trade discount from suppliers (1) Purchase lower quality goods (1) Change proportion of different types of goods sold/sell more goods with higher profit margin (1) Accept other valid points Max 2	2										
2(c)	Trade receivables turnover $\frac{22\,600}{160\,000} \times \frac{365}{1}$ (1) whole formula = 52 days (1)	2										
2(d)	<table><tr><td>Advantages</td><td>Disadvantages</td></tr><tr><td>Sales may increase (1)</td><td>Delays the receipt of money (1)</td></tr><tr><td>May attract more customers (1)</td><td>Additional working capital may be required (1)</td></tr><tr><td>Profit may increase (1)</td><td>May be an increase in irrecoverable debts (1)</td></tr><tr><td>May improve relationship with customers (1)</td><td>May be an increase in administration costs (1)</td></tr></table> Accept other valid points Max (4) Recommendation (1)	Advantages	Disadvantages	Sales may increase (1)	Delays the receipt of money (1)	May attract more customers (1)	Additional working capital may be required (1)	Profit may increase (1)	May be an increase in irrecoverable debts (1)	May improve relationship with customers (1)	May be an increase in administration costs (1)	5
Advantages	Disadvantages											
Sales may increase (1)	Delays the receipt of money (1)											
May attract more customers (1)	Additional working capital may be required (1)											
Profit may increase (1)	May be an increase in irrecoverable debts (1)											
May improve relationship with customers (1)	May be an increase in administration costs (1)											
2(e)	Trade payables turnover $\frac{11\,600}{109\,000} \times \frac{365}{1}$ (1) whole formula = 39 days (1)	2										

Question	Answer	Marks
2(f)	Reduction in cost of sales (1) If goods can be sold the gross profit will increase (1) May reduce selling price to increase sales revenue (1) Could increase range of products to sell (1) Accept other valid points Consider if the additional goods can be sold (1) Increase in quantity / value of inventory (1) Increased cost of storage (1) Additional working capital may be required (1) Increase in amount payable to suppliers each month (1) Accept other valid points Max (4) Recommendation (1)	5

Question	Answer	Marks																																																																																				
3(a)	KA Limited Manufacturing Account for the year ended 31 July 2021 <table><thead><tr><th></th><th>\$</th><th>\$</th><th></th></tr></thead><tbody><tr><td>Cost of material consumed</td><td></td><td></td><td></td></tr><tr><td>Opening inventory raw material</td><td></td><td>5 820</td><td></td></tr><tr><td>Purchases raw material</td><td></td><td>34 200</td><td></td></tr><tr><td>Carriage inwards</td><td></td><td>410</td><td>(1)</td></tr><tr><td></td><td></td><td>40 430</td><td></td></tr><tr><td>Closing inventory raw material</td><td></td><td>6 030</td><td></td></tr><tr><td></td><td></td><td>34 400</td><td>(1)</td></tr><tr><td>Direct wages</td><td></td><td>67 200</td><td>(1)</td></tr><tr><td>Prime cost</td><td></td><td>101 600</td><td>(1) OF</td></tr><tr><td>Factory overheads</td><td></td><td></td><td></td></tr><tr><td>Indirect factory wages</td><td>24 000</td><td></td><td></td></tr><tr><td>Factory general overheads (16 400 + 230)</td><td>16 630</td><td></td><td>(1)</td></tr><tr><td>Rates (5300 – 500) × 75%</td><td>3 600</td><td></td><td>(1)</td></tr><tr><td>Depreciation of factory machinery (36 000 × 20%)</td><td>7 200</td><td></td><td>(1)</td></tr><tr><td></td><td></td><td>51 430</td><td></td></tr><tr><td></td><td></td><td>153 030</td><td>(1) OF</td></tr><tr><td>Add opening work in progress</td><td></td><td>1 750</td><td>*</td></tr><tr><td></td><td></td><td>154 780</td><td></td></tr><tr><td>Less closing work in progress</td><td></td><td>2 780</td><td>(1)* for both WIP</td></tr><tr><td>Cost of production</td><td></td><td>152 000</td><td>(1) OF</td></tr></tbody></table>		\$	\$		Cost of material consumed				Opening inventory raw material		5 820		Purchases raw material		34 200		Carriage inwards		410	(1)			40 430		Closing inventory raw material		6 030				34 400	(1)	Direct wages		67 200	(1)	Prime cost		101 600	(1) OF	Factory overheads				Indirect factory wages	24 000			Factory general overheads (16 400 + 230)	16 630		(1)	Rates (5300 – 500) × 75%	3 600		(1)	Depreciation of factory machinery (36 000 × 20%)	7 200		(1)			51 430				153 030	(1) OF	Add opening work in progress		1 750	*			154 780		Less closing work in progress		2 780	(1)* for both WIP	Cost of production		152 000	(1) OF	10
	\$	\$																																																																																				
Cost of material consumed																																																																																						
Opening inventory raw material		5 820																																																																																				
Purchases raw material		34 200																																																																																				
Carriage inwards		410	(1)																																																																																			
		40 430																																																																																				
Closing inventory raw material		6 030																																																																																				
		34 400	(1)																																																																																			
Direct wages		67 200	(1)																																																																																			
Prime cost		101 600	(1) OF																																																																																			
Factory overheads																																																																																						
Indirect factory wages	24 000																																																																																					
Factory general overheads (16 400 + 230)	16 630		(1)																																																																																			
Rates (5300 – 500) × 75%	3 600		(1)																																																																																			
Depreciation of factory machinery (36 000 × 20%)	7 200		(1)																																																																																			
		51 430																																																																																				
		153 030	(1) OF																																																																																			
Add opening work in progress		1 750	*																																																																																			
		154 780																																																																																				
Less closing work in progress		2 780	(1)* for both WIP																																																																																			
Cost of production		152 000	(1) OF																																																																																			

Question	Answer	Marks																																	
3(b)	KA Limited Income Statement (Trading section) for the year ended 31 July 2021 <table><tr><td></td><td>\$</td><td>\$</td></tr><tr><td>Revenue</td><td></td><td>223 000</td></tr><tr><td>Less Cost of sales</td><td></td><td></td></tr><tr><td>Opening inventory finished goods</td><td>12 360</td><td>*</td></tr><tr><td>Cost of production</td><td>152 000</td><td>(1) OF</td></tr><tr><td>Purchases of finished goods</td><td>3 900</td><td>}</td></tr><tr><td>Carriage inwards</td><td>80</td><td>} (1)</td></tr><tr><td></td><td>168 340</td><td></td></tr><tr><td>Less Closing inventory finished goods</td><td>10 340</td><td>(1) * both</td></tr><tr><td></td><td></td><td>158 000</td></tr><tr><td>Gross profit</td><td></td><td>65 000 (1) OF</td></tr></table>		\$	\$	Revenue		223 000	Less Cost of sales			Opening inventory finished goods	12 360	*	Cost of production	152 000	(1) OF	Purchases of finished goods	3 900	}	Carriage inwards	80	} (1)		168 340		Less Closing inventory finished goods	10 340	(1) * both			158 000	Gross profit		65 000 (1) OF	4
	\$	\$																																	
Revenue		223 000																																	
Less Cost of sales																																			
Opening inventory finished goods	12 360	*																																	
Cost of production	152 000	(1) OF																																	
Purchases of finished goods	3 900	}																																	
Carriage inwards	80	} (1)																																	
	168 340																																		
Less Closing inventory finished goods	10 340	(1) * both																																	
		158 000																																	
Gross profit		65 000 (1) OF																																	
3(c)	KA Limited Journal <table><tr><th>Details</th><th>Debit \$</th><th>Credit \$</th><th></th></tr><tr><td>Irrecoverable debts</td><td>350</td><td></td><td>(1)</td></tr><tr><td>DH Limited</td><td></td><td>350</td><td>(1)</td></tr></table>	Details	Debit \$	Credit \$		Irrecoverable debts	350		(1)	DH Limited		350	(1)	2																					
Details	Debit \$	Credit \$																																	
Irrecoverable debts	350		(1)																																
DH Limited		350	(1)																																
3(d)(i)	The amount of sales for which the business is unlikely to be paid (1) is regarded as an expense of the year in which those sales are made (1)	2																																	
3(d)(ii)	The profit for the year is not overstated (1) and the amount of trade receivables is shown at a realistic level in the statement of financial position (1)	2																																	

Question	Answer	Marks																														
4(a)	Nikita Journal <table><tr><td>Error</td><td>Details</td><td>Debit \$</td><td>Credit \$</td><td></td></tr><tr><td>1</td><td>Suspense Insurance</td><td>2000</td><td>2000</td><td>(1) (1)</td></tr><tr><td>2</td><td>Suspense Discount received Discount allowed</td><td>1000</td><td>500 500</td><td>(2) (1) (1)</td></tr><tr><td>3</td><td>Kajal Suspense</td><td>400</td><td>400</td><td>(1) (1)</td></tr><tr><td>4</td><td>Aisha Anisah</td><td>700</td><td>700</td><td>(1) (1)</td></tr></table>	Error	Details	Debit \$	Credit \$		1	Suspense Insurance	2000	2000	(1) (1)	2	Suspense Discount received Discount allowed	1000	500 500	(2) (1) (1)	3	Kajal Suspense	400	400	(1) (1)	4	Aisha Anisah	700	700	(1) (1)	10					
Error	Details	Debit \$	Credit \$																													
1	Suspense Insurance	2000	2000	(1) (1)																												
2	Suspense Discount received Discount allowed	1000	500 500	(2) (1) (1)																												
3	Kajal Suspense	400	400	(1) (1)																												
4	Aisha Anisah	700	700	(1) (1)																												
4(b)	Nikita Suspense account <table><tr><td>Date</td><td>Details</td><td>\$</td><td>Date</td><td>Details</td><td>\$</td></tr><tr><td></td><td>Insurance (1)</td><td>2 000</td><td></td><td>Difference on trial</td><td></td></tr><tr><td></td><td>Discount received (1)</td><td>500</td><td></td><td>balance (1)</td><td>2 600</td></tr><tr><td></td><td>Discounts allowed (1)</td><td>500</td><td></td><td>Kajal (1)</td><td>400</td></tr><tr><td></td><td></td><td>3 000</td><td></td><td></td><td>3 000</td></tr></table>	Date	Details	\$	Date	Details	\$		Insurance (1)	2 000		Difference on trial			Discount received (1)	500		balance (1)	2 600		Discounts allowed (1)	500		Kajal (1)	400			3 000			3 000	5
Date	Details	\$	Date	Details	\$																											
	Insurance (1)	2 000		Difference on trial																												
	Discount received (1)	500		balance (1)	2 600																											
	Discounts allowed (1)	500		Kajal (1)	400																											
		3 000			3 000																											

Question	Answer	Marks																																													
4(c)	Nikita Statement of corrected profit for the year ended 30 June 2021 <table><tr><td>Profit for the year before corrections</td><td></td><td></td><td>\$</td><td>28 000</td></tr><tr><td></td><td>Increase in profit</td><td>Decrease in profit</td><td></td><td></td></tr><tr><td></td><td>\$</td><td>\$</td><td></td><td></td></tr><tr><td>Error 1</td><td>2 000</td><td>(1)</td><td>–</td><td></td></tr><tr><td>Error 2</td><td>1 000</td><td>(1)</td><td>–</td><td></td></tr><tr><td>Error 3</td><td>no effect</td><td>(1)</td><td>–</td><td></td></tr><tr><td>Error 4</td><td>no effect</td><td>(1)</td><td>–</td><td></td></tr><tr><td></td><td><u>3 000</u></td><td></td><td></td><td><u>3 000</u></td></tr><tr><td>Corrected profit for the year</td><td></td><td></td><td></td><td><u>31 000</u> (1) OF</td></tr></table>	Profit for the year before corrections			\$	28 000		Increase in profit	Decrease in profit				\$	\$			Error 1	2 000	(1)	–		Error 2	1 000	(1)	–		Error 3	no effect	(1)	–		Error 4	no effect	(1)	–			<u>3 000</u>			<u>3 000</u>	Corrected profit for the year				<u>31 000</u> (1) OF	5
Profit for the year before corrections			\$	28 000																																											
	Increase in profit	Decrease in profit																																													
	\$	\$																																													
Error 1	2 000	(1)	–																																												
Error 2	1 000	(1)	–																																												
Error 3	no effect	(1)	–																																												
Error 4	no effect	(1)	–																																												
	<u>3 000</u>			<u>3 000</u>																																											
Corrected profit for the year				<u>31 000</u> (1) OF																																											

Question	Answer						Marks																																				
5(a)	Simon Delivery vehicles account						15																																				
	<table><tr><td>Date 2019 Jan 1</td><td>Details <i>Balance b/d</i></td><td>\$ 55 000</td><td rowspan="3">Date 2020 Mar 31 Dec 31</td><td rowspan="3">Details Disposal Balance c/d</td><td rowspan="3">\$(1) 25 000 30 000 55 000</td></tr><tr><td></td><td></td><td>55 000</td></tr><tr><td>2021 Jan 1</td><td>Balance b/d (1)</td><td>30 000</td></tr></table>							Date 2019 Jan 1	Details <i>Balance b/d</i>	\$ 55 000	Date 2020 Mar 31 Dec 31	Details Disposal Balance c/d	\$(1) 25 000 30 000 55 000			55 000	2021 Jan 1	Balance b/d (1)	30 000																								
	Date 2019 Jan 1	Details <i>Balance b/d</i>	\$ 55 000	Date 2020 Mar 31 Dec 31	Details Disposal Balance c/d	\$(1) 25 000 30 000 55 000																																					
			55 000																																								
	2021 Jan 1	Balance b/d (1)	30 000																																								
	Provision for depreciation of delivery vehicles account																																										
	<table><tr><td rowspan="5">Date 2019 Dec 31</td><td rowspan="5">Details Balance c/d</td><td>\$ 22 000</td><td rowspan="5">Date 2019 Jan 1 Dec 31</td><td rowspan="5">Details <i>Balance b/d</i> Income statement 6000 (1) <u>5000 (1)</u></td><td>11 000</td></tr><tr><td>22 000</td><td>11 000</td></tr><tr><td></td><td>22 000</td></tr><tr><td>2020 Mar 31</td><td>Disposal (5000 + 5000) (1) +1250 (1)</td><td>22 000</td></tr><tr><td>Dec 31</td><td>Balance c/d</td><td>7 250</td></tr><tr><td></td><td></td><td>11 250</td><td rowspan="3">2020 Jan 1 Dec 31</td><td rowspan="3">Balance b/d (1)OF Income statement 6000 (1) <u>1250 (1)</u></td><td>29 250</td></tr><tr><td></td><td></td><td>18 000</td><td>29 250</td></tr><tr><td></td><td></td><td>29 250</td><td></td></tr><tr><td></td><td></td><td></td><td>2021 Jan 1</td><td>Balance b/d (1)OF</td><td>18 000</td></tr></table>							Date 2019 Dec 31	Details Balance c/d	\$ 22 000	Date 2019 Jan 1 Dec 31	Details <i>Balance b/d</i> Income statement 6000 (1) <u>5000 (1)</u>	11 000	22 000	11 000		22 000	2020 Mar 31	Disposal (5000 + 5000) (1) +1250 (1)	22 000	Dec 31	Balance c/d	7 250			11 250	2020 Jan 1 Dec 31	Balance b/d (1)OF Income statement 6000 (1) <u>1250 (1)</u>	29 250			18 000	29 250			29 250					2021 Jan 1	Balance b/d (1)OF	18 000
	Date 2019 Dec 31	Details Balance c/d	\$ 22 000	Date 2019 Jan 1 Dec 31	Details <i>Balance b/d</i> Income statement 6000 (1) <u>5000 (1)</u>	11 000																																					
			22 000			11 000																																					
						22 000																																					
2020 Mar 31			Disposal (5000 + 5000) (1) +1250 (1)			22 000																																					
Dec 31			Balance c/d			7 250																																					
		11 250	2020 Jan 1 Dec 31	Balance b/d (1)OF Income statement 6000 (1) <u>1250 (1)</u>	29 250																																						
		18 000			29 250																																						
		29 250																																									
			2021 Jan 1	Balance b/d (1)OF	18 000																																						

Question	Answer	Marks																														
5(a)	Delivery vehicles disposal account <table><tr><td>Date 2020 Mar 31</td><td>Details</td><td>\$</td><td>Date 2020 Mar 31</td><td>Details</td><td>\$</td></tr><tr><td></td><td>Delivery vehicles (1)</td><td>25 000</td><td></td><td>Prov for Dep. (1)OF</td><td>11 250</td></tr><tr><td></td><td></td><td></td><td></td><td>Bank (1)</td><td>10 350</td></tr><tr><td></td><td></td><td></td><td>Dec 31</td><td>Income statement (1)OF</td><td>3 400</td></tr><tr><td></td><td></td><td>25 000</td><td></td><td></td><td>25 000</td></tr></table> Dates (1)	Date 2020 Mar 31	Details	\$	Date 2020 Mar 31	Details	\$		Delivery vehicles (1)	25 000		Prov for Dep. (1)OF	11 250					Bank (1)	10 350				Dec 31	Income statement (1)OF	3 400			25 000			25 000	
Date 2020 Mar 31	Details	\$	Date 2020 Mar 31	Details	\$																											
	Delivery vehicles (1)	25 000		Prov for Dep. (1)OF	11 250																											
				Bank (1)	10 350																											
			Dec 31	Income statement (1)OF	3 400																											
		25 000			25 000																											
5(b)	Reducing balance Has to be recalculated each year Suitable when lose more value in early years Shows a more realistic book value Matches cost more closely with revenue Unable to compare with previous accounts Straight line Easier to calculate / only one calculation needed Suitable when lose equal value each year Suitable when annual usage is the same Should not change method without good reason / apply consistency Accept other valid points Max (4) Recommendation (1)	5																														