



Cambridge International AS & A Level

ACCOUNTING**9706/22**

Paper 2 Structured Questions

May/June 2020

MARK SCHEME

Maximum Mark: 90

Published

Students did not sit exam papers in the June 2020 series due to the Covid-19 global pandemic.

This mark scheme is published to support teachers and students and should be read together with the question paper. It shows the requirements of the exam. The answer column of the mark scheme shows the proposed basis on which Examiners would award marks for this exam. Where appropriate, this column also provides the most likely acceptable alternative responses expected from students. Examiners usually review the mark scheme after they have seen student responses and update the mark scheme if appropriate. In the June series, Examiners were unable to consider the acceptability of alternative responses, as there were no student responses to consider.

Mark schemes should usually be read together with the Principal Examiner Report for Teachers. However, because students did not sit exam papers, there is no Principal Examiner Report for Teachers for the June 2020 series.

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

Cambridge International is publishing the mark schemes for the June 2020 series for most Cambridge IGCSE™ and Cambridge International A & AS Level components, and some Cambridge O Level components.

This document consists of **10** printed pages.

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.

Que stio n	Answer	Ma rks																														
1(a)	<p>Credit purchases</p> <p style="text-align: center;">Trade payables</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"></td> <td style="width: 10%; text-align: center;">\$</td> <td style="width: 10%;"></td> <td style="width: 10%; text-align: center;">\$</td> <td style="width: 10%;"></td> </tr> <tr> <td>Payments</td> <td style="text-align: right;">70 300</td> <td rowspan="3" style="vertical-align: middle; padding-left: 10px;">{(1)}</td> <td>Opening balance</td> <td style="text-align: right;">4 980 (1)</td> </tr> <tr> <td>Discounts received</td> <td style="text-align: right;">940</td> <td>Purchases</td> <td style="text-align: right;">73 480 (1)OF</td> </tr> <tr> <td>Closing balance</td> <td style="text-align: right;"><u>7 220 (1)</u></td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: right;"><u>78 460</u></td> <td></td> <td></td> <td style="text-align: right;"><u>78 460</u></td> </tr> </table> <p>Accept alternative presentations</p>		\$		\$		Payments	70 300	{(1)}	Opening balance	4 980 (1)	Discounts received	940	Purchases	73 480 (1)OF	Closing balance	<u>7 220 (1)</u>				<u>78 460</u>			<u>78 460</u>	4							
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1(e) (ii)	<p>Substance over form: financial statements must give a complete and accurate picture of events (1) so economic impact is taken into account and legal form is disregarded (1)</p> <p>Max 2</p>	2																																																			

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1(f)	<p>Advice (1)</p> <p>Reducing inventory:</p> <p>Would achieve improvement in liquidity (1)</p> <p>Would reduce storage costs (1)</p> <p>Would reduce chance that items become out of date and are wasted (1)</p> <p>But negative impact if inventories run out and demand not met (1)</p> <p>Delaying payments to suppliers:</p> <p>Would achieve improvement in liquidity (1)</p> <p>Might cause the loss of cash discounts/negative impact on profits (1)</p> <p>But negative impact if credit terms not met leading to loss of suppliers/credit terms/interest charges (1)</p> <p>Award up to 2 marks for each course of action (overall maximum 4 marks) plus 1 mark for advice</p>	5

Question	Answer	Marks
2(a)	<p>Advantage (Max 1 advantage)</p> <p>Provides a more realistic charge against profits (1) as some assets lose more value in their first years (1)/as the asset reduces in value so the depreciation charge reduces (1).</p> <p>1 + 1 mark for development</p> <p>Accept other valid responses.</p> <p>Disadvantage (Max 1 disadvantage)</p> <p>Is more complicated to calculate (1) as the charge changes each year because it is based on the decreasing net book value at the beginning of each year (1) rather than the more straightforward equal charge per year when using the straight-line method (1).</p> <p>1 + 1 mark for development</p> <p>Accept other valid responses.</p>	4

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2(b)	<p style="text-align: center;">Balance of provision for depreciation account at 31 December 2019</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;"></th> <th style="width: 15%;">Vehicle A</th> <th style="width: 10%;"></th> <th style="width: 15%;">Vehicle B</th> <th style="width: 10%;"></th> </tr> </thead> <tbody> <tr> <td>Depreciation charge for 2018 (\$36 000 × 20%)</td> <td style="text-align: center;">7 200</td> <td rowspan="2" style="text-align: center; vertical-align: middle;">(1)</td> <td style="text-align: center;">(\$40 000 × 20%) 8 000</td> <td style="text-align: center;">(1)</td> </tr> <tr> <td>Depreciation charge for 2019 (\$28 800 × 20%)</td> <td style="text-align: center;">5 760</td> <td style="text-align: center;">(\$32 000 × 20%) 6 400</td> <td style="text-align: center;">(1)</td> </tr> <tr> <td></td> <td style="text-align: center;">12 960</td> <td></td> <td style="text-align: center;">14 400</td> <td></td> </tr> </tbody> </table> <p>Balance is \$27 360 (1)OF</p>		Vehicle A		Vehicle B		Depreciation charge for 2018 (\$36 000 × 20%)	7 200	(1)	(\$40 000 × 20%) 8 000	(1)	Depreciation charge for 2019 (\$28 800 × 20%)	5 760	(\$32 000 × 20%) 6 400	(1)		12 960		14 400		4																
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3(a)	<p>Reasons for dissolving a partnership</p> <p>Business is making a loss (1) Partners cannot agree (1) A partner has died/retired (1) The objectives of the partnership have been achieved (1) Legal reasons such as insanity of partner (1)</p> <p>Max 3 Accept other valid responses</p>	3																																			

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4(b)	<p>Contribution per unit</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"></td> <td style="width: 10%; text-align: center;">\$</td> <td style="width: 10%;"></td> <td style="width: 10%; text-align: center;">\$</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td>Selling price</td> <td></td> <td></td> <td style="text-align: right;">69</td> <td></td> <td style="text-align: right;">(1)</td> </tr> <tr> <td>Less Variable costs</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Direct materials</td> <td style="text-align: right;">6.60</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Direct labour</td> <td style="text-align: right;">43.16</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td style="text-align: right;"><u>2.24</u></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: right;"><u>52</u></td> <td></td> <td style="text-align: right;">(1)</td> </tr> <tr> <td>Contribution</td> <td></td> <td></td> <td style="text-align: right;"><u>17</u></td> <td></td> <td style="text-align: right;">(1)OF</td> </tr> </table>		\$		\$			Selling price			69		(1)	Less Variable costs						Direct materials	6.60					Direct labour	43.16					Other	<u>2.24</u>								<u>52</u>		(1)	Contribution			<u>17</u>		(1)OF	3
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4(d) (i)	<p>Option A profit</p> <p>Maximum capacity using overtime is 28 000 units + 20%, i.e. 33 600 units Demand for Option A: 24 500 units + 40%, i.e. 34 300 units Hence 33 600 will be produced (1) Normal contribution becomes \$17 – \$3 (reduction in selling price) + 0.33 (discount on materials) = \$14.33 (1)OF</p> <p>Contribution in overtime = $\\$14.33 - \left(\frac{1}{4} \times \\$43.06, \text{ i.e. } 10.79\right) = \\3.54 (1)OF</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td></td> <td style="text-align: right;">\$</td> <td></td> </tr> <tr> <td>Contribution from normal working</td> <td style="text-align: right;">28 000 × \$14.33 (of)</td> <td style="text-align: right;">401 240 (1)OF</td> </tr> <tr> <td>Contribution in overtime</td> <td style="text-align: right;">5 600 (of) × \$3.54</td> <td style="text-align: right;">19 824</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">421 064 (1)OF</td> </tr> <tr> <td>Less fixed costs</td> <td></td> <td style="text-align: right;"><u>374 000</u></td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;"><u>47 064 (1)OF</u></td> </tr> </table>		\$		Contribution from normal working	28 000 × \$14.33 (of)	401 240 (1)OF	Contribution in overtime	5 600 (of) × \$3.54	19 824			421 064 (1)OF	Less fixed costs		<u>374 000</u>			<u>47 064 (1)OF</u>	6												
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4(d) (ii)	<p>Option B profit</p> <p>Change in contribution: \$17 + 0.60 (cheaper materials), i.e. \$17.60 per unit Change in fixed costs per annum:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td></td> <td style="text-align: right;">\$</td> <td></td> </tr> <tr> <td>Current fixed costs</td> <td style="text-align: right;">374 000</td> <td></td> </tr> <tr> <td>Increased depreciation</td> <td style="text-align: right;">4 000 (1)</td> <td></td> </tr> <tr> <td>Interest charges (8% × \$20 000)</td> <td style="text-align: right;">1 600</td> <td></td> </tr> <tr> <td>Advertising campaign</td> <td style="text-align: right;"><u>60 000</u> (1)</td> <td></td> </tr> <tr> <td></td> <td style="text-align: right;"><u>439 600</u> (1)OF</td> <td></td> </tr> </table> <table style="width: 100%; border-collapse: collapse;"> <tr> <td></td> <td style="text-align: right;">\$</td> <td></td> </tr> <tr> <td>Contribution from normal working</td> <td style="text-align: right;">28 000 × \$17.60 (of)</td> <td style="text-align: right;">492 800 (1)OF</td> </tr> <tr> <td>Less fixed costs</td> <td></td> <td style="text-align: right;">439 600</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">53 200 (1)OF</td> </tr> </table>		\$		Current fixed costs	374 000		Increased depreciation	4 000 (1)		Interest charges (8% × \$20 000)	1 600		Advertising campaign	<u>60 000</u> (1)			<u>439 600</u> (1)OF			\$		Contribution from normal working	28 000 × \$17.60 (of)	492 800 (1)OF	Less fixed costs		439 600			53 200 (1)OF	5
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4(e)	<p>Advice (1)</p> <p>Justification</p> <p>Reasons for choosing Option A:</p> <p>Will increase profits by \$4 564 (1of) on latest performance (1) Will not involve any permanent change in fixed costs (1) Not changing fixed costs will be beneficial if increased demand is not maintained (1) Will ensure factory is working to full capacity making most efficient use of existing resources (1) Will avoid applying for bank loan which will increase company's liabilities (1) Application for bank loan for Option B may be refused (1)</p> <p>Reasons for choosing Option B</p> <p>Will increase profits by the larger amount \$10 700 (1)OF on latest performance (1) Will achieve target profit for factory (1) and exceed target by \$3 200 (1) Option A does not achieve target profit ((1) and misses target by \$2 936 (1) Will avoid the use of overtime working which may not suit workforce (1)</p> <p>Will avoid the use of overtime working which may cause deterioration in quality of production (1) Will ensure factory is working to full capacity making most efficient use of existing resources (1)</p> <p>Advice (1) plus Max (6) for justification</p>	7