
BUSINESS

9609/23

Paper 2 Data Response

May/June 2016

MARK SCHEME

Maximum Mark: 60

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 will not enter into discussions about these mark schemes.

Cambridge is publishing the mark schemes for the May/June 2016 series for most Cambridge IGCSE[®], Cambridge International A and AS Level components and some Cambridge O Level components.

Page 2	Mark Scheme	Syllabus	Paper
	Cambridge International AS/A Level – May/June 2016	9609	23

Question		Mark								
1 (a) (i)	Define the term ‘demographic segmentation’ (line 3).	2								
	<table><tr><th>Knowledge</th><th>Marks</th></tr><tr><td>A correct definition</td><td>2</td></tr><tr><td>A partial, vague or unfocused definition</td><td>1</td></tr><tr><td>No creditable content</td><td>0</td></tr></table>		Knowledge	Marks	A correct definition	2	A partial, vague or unfocused definition	1	No creditable content	0
	Knowledge		Marks							
	A correct definition		2							
	A partial, vague or unfocused definition		1							
No creditable content	0									
A correct definition should include:										
<ul style="list-style-type: none">• structure of the population/market segmentation• split up in some way, i.e. age, income etc.										
(ii)	Briefly explain the term ‘business enterprise’ (line 13).	3								
	<table><tr><td>Example or some other way of showing good understanding</td><td>1 mark</td></tr><tr><td>Entrepreneurial activity (i.e. risk taking/profit aim/organises other factors, setting up business etc.)</td><td>1 mark</td></tr><tr><td>Provision of goods/services/ideas/innovation</td><td>1 mark</td></tr></table>		Example or some other way of showing good understanding	1 mark	Entrepreneurial activity (i.e. risk taking/profit aim/organises other factors, setting up business etc.)	1 mark	Provision of goods/services/ideas/innovation	1 mark		
	Example or some other way of showing good understanding		1 mark							
	Entrepreneurial activity (i.e. risk taking/profit aim/organises other factors, setting up business etc.)		1 mark							
	Provision of goods/services/ideas/innovation		1 mark							
NB Business enterprise can be explained as an organisation OR as a skill/factor of production. Examples of both are rewardable.										
(b) (i)	Refer to Table 1. Calculate the value of X.	2								
	<table><tr><th>Mark</th><th>Rationale</th></tr><tr><td>2 marks</td><td>Correct answer with or without working</td></tr><tr><td>1 mark</td><td>Correct formula OR attempt with relevant data</td></tr><tr><td>0 marks</td><td>No creditable content</td></tr></table>		Mark	Rationale	2 marks	Correct answer with or without working	1 mark	Correct formula OR attempt with relevant data	0 marks	No creditable content
	Mark		Rationale							
	2 marks		Correct answer with or without working							
	1 mark		Correct formula OR attempt with relevant data							
	0 marks		No creditable content							
(opening balance + cash in) – cash out										
Opening balance 5										
Add cash in 12										
Less cash out 11										
X = 6 (accept 6 or \$6000)										
If a candidate provides a WRONG answer with NO working to support their thinking, then this is 0 marks.										
i.e. 12 000 – 11 000 = 1000 – award 1 mark										
\$1000 with no working award 0 marks										

Page 3	Mark Scheme	Syllabus	Paper
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Question		Mark																		
(ii)	<p>Explain the difference between profit and cash for SS.</p> <table border="1"> <thead> <tr> <th>Level</th><th>Knowledge and Application</th><th>Marks</th></tr> </thead> <tbody> <tr> <td>2b (APPAPP)</td><td>Explanation of the difference between profit and cash</td><td>4</td></tr> <tr> <td>2a (APP)</td><td>Identification of the difference between profit and cash</td><td>3</td></tr> <tr> <td>1b (KK)</td><td>Knowledge of profit AND cash</td><td>2</td></tr> <tr> <td>1a (K)</td><td>Knowledge of profit OR cash</td><td>1</td></tr> <tr> <td>0</td><td>No creditable content</td><td>0</td></tr> </tbody> </table> <p><i>NB it is not possible to determine the profit from the cash flow forecast in Table 2 – any suggestion that SS make a loss based on Table 2 is wrong.</i></p> <p>Context and content is likely to come from:</p> <ul style="list-style-type: none"> • Cash is physical flow of money in and out of the business, for example, cash flow is shown by cash flow forecast • Profit is revenue minus costs, shown in the income statement • Cash flow is important to SS as it is a new business and is more important for survival in the first year, different to profit which may not be made in the initial months of trade by SS. • Cash is only one asset which may represent profits 	Level	Knowledge and Application	Marks	2b (APPAPP)	Explanation of the difference between profit and cash	4	2a (APP)	Identification of the difference between profit and cash	3	1b (KK)	Knowledge of profit AND cash	2	1a (K)	Knowledge of profit OR cash	1	0	No creditable content	0	4
Level	Knowledge and Application	Marks																		
2b (APPAPP)	Explanation of the difference between profit and cash	4																		
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1b (KK)	Knowledge of profit AND cash	2																		
1a (K)	Knowledge of profit OR cash	1																		
0	No creditable content	0																		

Page 4	Mark Scheme	Syllabus	Paper
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Question						Mark
(c)	Analyse <u>two</u> suitable promotional methods that Steve could use to raise awareness of SS in the town.					8
	Level	Knowledge and Application (4 marks)	Marks	Analysis (4 marks)	Marks	
	2b	Shows understanding of two or more promotional methods in context	4	Good analysis of two or more promotional methods in context	4	
	2a	Shows understanding of one promotional method in context	3	Good analysis of one promotional method in context	3	
	1b	Shows knowledge of two or more promotional methods	2	Limited analysis of two or more promotional methods	2	
	1a	Shows knowledge one promotional method	1	Limited analysis of one promotional method	1	
	0	No creditable content				
	NB Accept above and below the line as methods of promotion					
Context/content likely to come from:						
<ul style="list-style-type: none">Demographics/targeting his marketing – age range/incomes who would purchase sailing products so methods that target age 44–66 or those that have interest in sailing (local newspaper, sailing magazine, leaflets)Analysis of costs linked to the method – small business, limited budget and this will impact on the choice available to him (so local methods such as local newspaper, local radio)Entrepreneur starting a new business with marketing budget included in business plan/cash flow						

Page 5	Mark Scheme	Syllabus	Paper
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Question		Mark																																				
(d)	<p>Discuss the usefulness to Steve of producing the cash flow forecast in Table 2.</p> <table><tr><th>Knowledge and Application (4 marks)</th><th>Marks</th><th>Analysis and Evaluation (7 marks)</th><th>Marks</th></tr><tr><td></td><td></td><td>Justified judgement(s) that follow on from an argument of two or more uses of cash flow forecasts in context</td><td>7</td></tr><tr><td></td><td></td><td>Judgement(s) that follow on from an argument of two or more uses of cash flow forecasts in context</td><td>6</td></tr><tr><td></td><td></td><td>A balanced argument (two sided) based on one use of cash flow forecasts in context</td><td>5</td></tr><tr><td>Shows understanding of two or more uses of cash flow forecasts in context</td><td>4</td><td>Argument based on the usefulness of two or more uses of cash flow forecasts in context</td><td>4</td></tr><tr><td>Shows understanding of one use of cash flow forecasts in context</td><td>3</td><td>Argument based on the usefulness of one use of cash flow forecasts in context</td><td>3</td></tr><tr><td>Shows knowledge of usefulness of cash flow forecasts</td><td>2</td><td>Limited analysis of two or more uses of cash flow forecasts</td><td>2</td></tr><tr><td>Shows knowledge of cash flow forecasts</td><td>1</td><td>Limited analysis of one use of cash flow forecasts</td><td>1</td></tr><tr><td colspan="4">No creditable content</td></tr></table> <p>Context/content likely to come from:</p> <ul style="list-style-type: none">SS is a new business and looking for a grant, having a cash-flow forecast will be required to earn the grant (strong business plan in the case study)Allows Steve to plan ahead and manage the budget more effectively e.g., the deficit in the first few monthsMany small businesses fail due to a lack of cash flow so this allows Steve to plan and, for example, arrange an overdraft in Months 2–4Allows Steve to manage cash flow, e.g. it can be seen the deficit in Months 2, 3 and 4 could be overcome from reductions in cash out i.e. marketing.May not be useful if forecast is not researched properly to ensure the figures are as accurate as possible, particularly revenue expected from customers in the first six months.	Knowledge and Application (4 marks)	Marks	Analysis and Evaluation (7 marks)	Marks			Justified judgement(s) that follow on from an argument of two or more uses of cash flow forecasts in context	7			Judgement(s) that follow on from an argument of two or more uses of cash flow forecasts in context	6			A balanced argument (two sided) based on one use of cash flow forecasts in context	5	Shows understanding of two or more uses of cash flow forecasts in context	4	Argument based on the usefulness of two or more uses of cash flow forecasts in context	4	Shows understanding of one use of cash flow forecasts in context	3	Argument based on the usefulness of one use of cash flow forecasts in context	3	Shows knowledge of usefulness of cash flow forecasts	2	Limited analysis of two or more uses of cash flow forecasts	2	Shows knowledge of cash flow forecasts	1	Limited analysis of one use of cash flow forecasts	1	No creditable content				11
Knowledge and Application (4 marks)	Marks	Analysis and Evaluation (7 marks)	Marks																																			
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Page 6	Mark Scheme	Syllabus	Paper
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Question		Mark										
2 (a) (i)	Define the term ‘lead time’ (lines 4–5).	2										
	<table><tr><th>Knowledge</th><th>Marks</th></tr><tr><td>A correct definition</td><td>2</td></tr><tr><td>A partial, vague or unfocused definition</td><td>1</td></tr><tr><td>No creditable content</td><td>0</td></tr></table>		Knowledge	Marks	A correct definition	2	A partial, vague or unfocused definition	1	No creditable content	0		
	Knowledge		Marks									
	A correct definition		2									
	A partial, vague or unfocused definition		1									
No creditable content	0											
A correct definition should include:												
<ul style="list-style-type: none">Time taken from start of a process e.g. placing an order with a supplierUntil the completion of the process e.g. goods are delivered												
(ii)	Briefly explain the term ‘mission statement’ (line 2).	3										
	<table><tr><td>Example or some other way of showing good understanding (i.e. used to formulate business objectives, can be used to promote business, etc.)</td><td>1 mark</td></tr><tr><td>Covers values/culture/vision/aims of the business</td><td>1 mark</td></tr><tr><td>Summary/<u>core</u> statement/<u>short</u> statement/<u>one</u> statement/<u>brief</u> statement/etc.</td><td>1 mark</td></tr></table>		Example or some other way of showing good understanding (i.e. used to formulate business objectives, can be used to promote business, etc.)	1 mark	Covers values/culture/vision/aims of the business	1 mark	Summary/ <u>core</u> statement/ <u>short</u> statement/ <u>one</u> statement/ <u>brief</u> statement/etc.	1 mark				
	Example or some other way of showing good understanding (i.e. used to formulate business objectives, can be used to promote business, etc.)		1 mark									
	Covers values/culture/vision/aims of the business		1 mark									
Summary/ <u>core</u> statement/ <u>short</u> statement/ <u>one</u> statement/ <u>brief</u> statement/etc.	1 mark											
(b) (i)	Refer to Table 3. Calculate CC’s acid test ratio.	3										
	<table><tr><th>Mark</th><th>Rationale</th></tr><tr><td>3 marks</td><td>Correct answer with or without working</td></tr><tr><td>2 marks</td><td>Attempt with two correct calculations</td></tr><tr><td>1 mark</td><td>Correct formula OR one correct calculation</td></tr><tr><td>0 marks</td><td>No creditable content</td></tr></table>		Mark	Rationale	3 marks	Correct answer with or without working	2 marks	Attempt with two correct calculations	1 mark	Correct formula OR one correct calculation	0 marks	No creditable content
	Mark		Rationale									
	3 marks		Correct answer with or without working									
	2 marks		Attempt with two correct calculations									
	1 mark		Correct formula OR one correct calculation									
	0 marks		No creditable content									
$\frac{\text{Current assets – Inventories}}{\text{Current liabilities}} = \frac{\text{Trade receivables + Cash}}{\text{Trade payables + Other current liabilities}}$												
Current Assets = 14 + 13 = 27												
Current Liabilities = 16 + 11 = 27												
So 27/27 = 1:1 (allow 1)												

Page 7	Mark Scheme	Syllabus	Paper
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Question		Mark															
(ii)	<p>Explain <u>one</u> reason why the acid test ratio is useful to CC's Finance Director.</p> <table border="1"> <thead> <tr> <th>Level</th><th>Knowledge and Application</th><th>Marks</th></tr> </thead> <tbody> <tr> <td>2b</td><td>Explanation of a use of the acid test ratio in context</td><td>3</td></tr> <tr> <td>2a</td><td>Identification of a use of the acid test ratio in context</td><td>2</td></tr> <tr> <td>1</td><td>Identification of a use of the acid test ratio</td><td>1</td></tr> <tr> <td>0</td><td>No creditable content</td><td>0</td></tr> </tbody> </table> <ul style="list-style-type: none"> • Measure of liquidity/check of risk of illiquidity. At 1.0 it is above the industry average so reassuring. Likely to be positive sign. • Need to look at trends over time, 1.0 this year but what was it last year? If declining then there could be a worry about future liquidity. 	Level	Knowledge and Application	Marks	2b	Explanation of a use of the acid test ratio in context	3	2a	Identification of a use of the acid test ratio in context	2	1	Identification of a use of the acid test ratio	1	0	No creditable content	0	3
Level	Knowledge and Application	Marks															
2b	Explanation of a use of the acid test ratio in context	3															
2a	Identification of a use of the acid test ratio in context	2															
1	Identification of a use of the acid test ratio	1															
0	No creditable content	0															

Page 8	Mark Scheme	Syllabus	Paper
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Question						Mark
(c)	Analyse the benefits to CC of having a CSR objective.					8
	Level	Knowledge and Application (4 marks)	Mark	Analysis (4 marks)	Mark	
	2	Shows understanding of two or more benefits to CC of having CSR as an objective	4	Good analysis of two or more benefits of CSR as an objective in context	4	
		Shows understanding of one benefit to CC of having CSR as an objective	3	Good analysis of one benefit of CSR as an objective in context	3	
	1b	Shows knowledge of CSR as an objective	2	Limited analysis of two or more benefits of CSR as an objective	2	
	1a	Shows knowledge of objectives	1	Limited analysis of one benefit of CSR as an objective	1	
	0	No creditable content				
	Context/content likely to come from: <ul style="list-style-type: none">• CC is a large public limited company, profits are rising, many stakeholders will expect a plc like CC to have a CSR policy• Benefits:<ul style="list-style-type: none">– Image of CC as a plc in the marketplace and ‘giving back’– Could encourage positive PR/image/brand– Impact on sales/profits of this– Employment benefits – attracting and retaining employees and how the CAM proposal is communicated to employees, e.g. will there be redundancies, so if they have a CSR policy, could limit some damage to their image etc.					

Page 9	Mark Scheme	Syllabus	Paper
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Question					Mark
(d)	Discuss the advantages and disadvantages to CC from introducing and using CAM.				11
	Knowledge and Application (4 marks)	Mark	Analysis and Evaluation (7 marks)	Mark	
			Justified judgement(s) that follow on from an argument of the advantages AND disadvantages of introducing/ using CAM in context	7	
			Judgement(s) that follow on from an argument of the advantages AND disadvantages of introducing/ using CAM in context	6	
			A balanced argument based on one or more advantages AND one or more disadvantages of introducing/ using CAM in context	5	
	Shows understanding advantages AND disadvantages of introducing/ using CAM	4	Argument based on two or more advantages OR two or more disadvantages of introducing/using CAM in context	4	
	Shows understanding advantages OR disadvantages of introducing/ using CAM	3	Argument based on one advantage OR one disadvantage of introducing/ using CAM in context	3	
	Shows knowledge of introducing AND using CAM	2	Limited analysis of advantages AND disadvantages of introducing/ using CAM	2	
	Shows knowledge of introducing OR using CAM	1	Limited analysis of advantages OR disadvantages of introducing/ using CAM	1	
	No creditable content				

Page 10	Mark Scheme	Syllabus	Paper
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Question		Mark
	<p>Context/content could come from:</p> <p>ADVANTAGES</p> <ul style="list-style-type: none"> Assists in reducing costs in the long term so help in maximising value for shareholders (links to mission statement) Reduces costs and will help continue to improve profits (they have been rising in the last few years) Assist CC in being competitive – the car industry and suppliers are competitive, so CAM will reduce cost pressures and assist CC in being price competitive <p>DISADVANTAGES</p> <ul style="list-style-type: none"> May conflict with CSR, CAM could result in redundancies if automation develops further and may be seen as not socially responsible (damage to image) Impact on employees and morale – fear of redundancies, change, could conflict with the mission statement from an employee perspective. 	