
BUSINESS

9609/22

Paper 2 Data Response

March 2019

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 International will not enter into discussions about these mark schemes.

Cambridge International is publishing the mark schemes for the March 2019 series for most Cambridge IGCSE™, Cambridge International A and AS Level components and some Cambridge O Level components.

This document consists of **17** 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.

Question	Answer	Marks																					
1(a)(i)	Define the term ‘break-even’ (line 6)	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 credible content</td><td>0</td></tr></table>		Knowledge	Marks	A correct definition	2	A partial, vague or unfocused definition	1	No credible content	0													
	Knowledge		Marks																				
	A correct definition		2																				
	A partial, vague or unfocused definition		1																				
	No credible content		0																				
	A correct definition should cover the following: • expenditure (costs) and income (revenue) are equal • the level of sales/units where there is no profit or loss • $TR = TC$																						
	<table><tr><th>Exemplar</th><th>Marks</th><th>Rationale</th></tr><tr><td>When a business makes enough sales/revenue/income to cover all the costs</td><td>2</td><td>Both elements covered</td></tr><tr><td>$TC = TR$</td><td>2</td><td>Both elements covered</td></tr><tr><td>Cost of sales is equal to sales revenue.</td><td>1</td><td>No understanding of total costs (CoS only covers direct costs)</td></tr><tr><td>The business makes no profit or loss</td><td>1</td><td>No understanding of the level of sales/units</td></tr><tr><td>The point at which a business stops making a loss and can start to make a profit</td><td>1</td><td>No understanding of the level of sales/units</td></tr><tr><td>Where the business has made enough sales to have broken even.</td><td>0</td><td>Tautological, no understanding</td></tr></table>		Exemplar	Marks	Rationale	When a business makes enough sales/revenue/income to cover all the costs	2	Both elements covered	$TC = TR$	2	Both elements covered	Cost of sales is equal to sales revenue.	1	No understanding of total costs (CoS only covers direct costs)	The business makes no profit or loss	1	No understanding of the level of sales/units	The point at which a business stops making a loss and can start to make a profit	1	No understanding of the level of sales/units	Where the business has made enough sales to have broken even.	0	Tautological, no understanding
	Exemplar		Marks	Rationale																			
	When a business makes enough sales/revenue/income to cover all the costs		2	Both elements covered																			
$TC = TR$	2	Both elements covered																					
Cost of sales is equal to sales revenue.	1	No understanding of total costs (CoS only covers direct costs)																					
The business makes no profit or loss	1	No understanding of the level of sales/units																					
The point at which a business stops making a loss and can start to make a profit	1	No understanding of the level of sales/units																					
Where the business has made enough sales to have broken even.	0	Tautological, no understanding																					

Question	Answer	Marks																																	
1(a)(ii)	Briefly explain the term ‘value added’ (line 7). Award one mark for each point of explanation <table border="1"> <thead> <tr> <th></th><th>Knowledge</th><th>Marks</th></tr> </thead> <tbody> <tr> <td>C</td><td>Example or some other way of showing good understanding – e.g. refining raw materials, adding packaging etc., at different stages of production</td><td>1</td></tr> <tr> <td>B</td><td>To a customer/leading to an increase in price</td><td>1</td></tr> <tr> <td>A</td><td>The increase in worth of a product/service</td><td>1</td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Exemplar</th><th>Marks</th><th>Rationale</th></tr> </thead> <tbody> <tr> <td>Adding value is the process of increasing the worth of a good (A) to a customer (B), such as refining a raw material (C).</td><td>3</td><td>All three elements</td></tr> <tr> <td>To increase how much a business can charge for of a good (A+B) at each stage of production (C)</td><td>3</td><td>All three elements ‘Can charge’ suggests more than just an increase in price – there is an element of value here.</td></tr> <tr> <td>The difference between the cost of a good to produce and the price at which it is sold (A+B).</td><td>2</td><td>A and B</td></tr> <tr> <td>Increase the worth of a good (1) at each stage of production (C)</td><td>2</td><td>A and C – ‘customer expectations’ is taken from the case study</td></tr> <tr> <td>To increase the selling price of a product (B)</td><td>1</td><td>This is just about increasing price, not value</td></tr> <tr> <td>To add value to a product</td><td>0</td><td>tautological</td></tr> </tbody> </table>		Knowledge	Marks	C	Example or some other way of showing good understanding – e.g. refining raw materials, adding packaging etc., at different stages of production	1	B	To a customer/leading to an increase in price	1	A	The increase in worth of a product/service	1	Exemplar	Marks	Rationale	Adding value is the process of increasing the worth of a good (A) to a customer (B), such as refining a raw material (C).	3	All three elements	To increase how much a business can charge for of a good (A+B) at each stage of production (C)	3	All three elements ‘Can charge’ suggests more than just an increase in price – there is an element of value here.	The difference between the cost of a good to produce and the price at which it is sold (A+B).	2	A and B	Increase the worth of a good (1) at each stage of production (C)	2	A and C – ‘customer expectations’ is taken from the case study	To increase the selling price of a product (B)	1	This is just about increasing price, not value	To add value to a product	0	tautological	3
	Knowledge	Marks																																	
C	Example or some other way of showing good understanding – e.g. refining raw materials, adding packaging etc., at different stages of production	1																																	
B	To a customer/leading to an increase in price	1																																	
A	The increase in worth of a product/service	1																																	
Exemplar	Marks	Rationale																																	
Adding value is the process of increasing the worth of a good (A) to a customer (B), such as refining a raw material (C).	3	All three elements																																	
To increase how much a business can charge for of a good (A+B) at each stage of production (C)	3	All three elements ‘Can charge’ suggests more than just an increase in price – there is an element of value here.																																	
The difference between the cost of a good to produce and the price at which it is sold (A+B).	2	A and B																																	
Increase the worth of a good (1) at each stage of production (C)	2	A and C – ‘customer expectations’ is taken from the case study																																	
To increase the selling price of a product (B)	1	This is just about increasing price, not value																																	
To add value to a product	0	tautological																																	

Question	Answer	Marks										
1(b)(i)	Calculate JF's forecast gross profit margin for Option 1. <table><tr><th>Knowledge</th><th>Marks</th></tr><tr><td>Correct answer (with or without calculation and/or %)</td><td>3</td></tr><tr><td>Attempt using correct figures/formula or correct calculation of gross profit (\$90 000) and correct calculation of revenue (\$150 000)</td><td>2</td></tr><tr><td>Correct formula or correct calculation of gross profit (\$90 000) or correct calculation of revenue (\$150 000)</td><td>1</td></tr><tr><td>No credible content</td><td>0</td></tr></table> $\frac{\text{Gross profit}}{\text{Sales revenue}} \times 100$ (1 mark) $\frac{\text{Sales revenue} - \text{cost of goods sold}}{\text{Revenue (output} \times \text{SP)}} \times 100$ (1 mark) $\frac{150\,000 - 60\,000}{150\,000} \times 100$ $\frac{90\,000}{150\,000} \times 100$ Answer = 60% (accept with or without %) <i>examples overleaf</i>	Knowledge	Marks	Correct answer (with or without calculation and/or %)	3	Attempt using correct figures/formula or correct calculation of gross profit (\$90 000) and correct calculation of revenue (\$150 000)	2	Correct formula or correct calculation of gross profit (\$90 000) or correct calculation of revenue (\$150 000)	1	No credible content	0	3
Knowledge	Marks											
Correct answer (with or without calculation and/or %)	3											
Attempt using correct figures/formula or correct calculation of gross profit (\$90 000) and correct calculation of revenue (\$150 000)	2											
Correct formula or correct calculation of gross profit (\$90 000) or correct calculation of revenue (\$150 000)	1											
No credible content	0											

Question	Answer			Marks
1(b)(i)				
	Answer	Rationale	Marks	
	60 (no working)	Correct answer – accept without %	3	
	$\frac{90\,000}{150\,000} = 0.6$	Not made into a % (one mistake)	2	
	0.6 (no working)	Wrong answer with no working to support the answer	0	
	$\frac{90\,000}{300\,000} \times 100 = 30\%$	Not calculated revenue – left as output (one mistake)	2	
	30% (no working)	Wrong answer with no working to support the answer	0	
	\$90 000	Correct calculation of gross profit – <i>allow even if there is no working</i>	1	
	\$150 000	Correct calculation of revenue – <i>allow even if there is no working</i>	1	
	\$90 000 and \$150 000	Correct calculation of gross profit and revenue	2	
	$\frac{240\,000}{300\,000} \times 100 = 80\%$	Not correctly calculated GP or revenue (two mistakes)	1	
	$\frac{40\,000}{150\,000} \times 100 = 26.67\%$	Added expenses to the CoGS (1 mistake)	2	
	$100 + 50 + 60 = 210$ $150 - 210 = -60$ (net loss) $\frac{-60}{150} \times 100 = -40\%$	Has added all costs (including start-up costs), and then has the correct process (OFR). Two mistakes (using all costs and adding start-up costs) but correct process	1	

Question	Answer	Marks																											
1(b)(ii)	Explain <u>one</u> reason why JF might aim for a high gross profit margin. <table border="1"> <thead> <tr> <th>Level</th><th>Knowledge and application</th><th>Marks</th></tr> </thead> <tbody> <tr> <td>2a (APP)</td><td>Explains one reason for aiming for a high gross profit margin in context</td><td>3</td></tr> <tr> <td>1b (K+K)</td><td>Explains one reason for aiming for a high gross profit margin (no context)</td><td>2</td></tr> <tr> <td>1a (K)</td><td>Identifies one or more reasons for aiming for a high gross profit margin (no context)</td><td>1</td></tr> <tr> <td>0</td><td>No creditable content</td><td>0</td></tr> </tbody> </table> <i>Note: this question asks specifically about GP marking – to reward any answer that links to overall (net) profit or net profit margin, there must be a link, i.e. high GP margin may allow JF to make more NP to give to shareholders.</i> Some reasons for aiming for a high GPM: • Shows potential investors/shareholders that the business can produce efficiently • To leave enough to pay the business expenses/indirect costs • To increase the overall (net) profit of the business <table border="1"> <thead> <tr> <th>Knowledge of a reason why JF might aim for a high GPM (K)</th><th>Explanation (K+K)</th><th>Possible context (APP)</th></tr> </thead> <tbody> <tr> <td>Measure of efficiency</td><td>JF may need to prove it is operating efficiently to any potential investors</td><td>Particularly important because it is a private limited company</td></tr> <tr> <td>To cover expenses/indirect costs</td><td>Otherwise JF may not make any profit for the year</td><td>The expenses are \$50 000 for option 1</td></tr> <tr> <td>To increase (net) profit for the year</td><td>Which will allow the owners to have more income</td><td>The owners are shareholders (Ltd) The (net) profit is currently \$40 000 for option 1</td></tr> </tbody> </table>	Level	Knowledge and application	Marks	2a (APP)	Explains one reason for aiming for a high gross profit margin in context	3	1b (K+K)	Explains one reason for aiming for a high gross profit margin (no context)	2	1a (K)	Identifies one or more reasons for aiming for a high gross profit margin (no context)	1	0	No creditable content	0	Knowledge of a reason why JF might aim for a high GPM (K)	Explanation (K+K)	Possible context (APP)	Measure of efficiency	JF may need to prove it is operating efficiently to any potential investors	Particularly important because it is a private limited company	To cover expenses/indirect costs	Otherwise JF may not make any profit for the year	The expenses are \$50 000 for option 1	To increase (net) profit for the year	Which will allow the owners to have more income	The owners are shareholders (Ltd) The (net) profit is currently \$40 000 for option 1	3
Level	Knowledge and application	Marks																											
2a (APP)	Explains one reason for aiming for a high gross profit margin in context	3																											
1b (K+K)	Explains one reason for aiming for a high gross profit margin (no context)	2																											
1a (K)	Identifies one or more reasons for aiming for a high gross profit margin (no context)	1																											
0	No creditable content	0																											
Knowledge of a reason why JF might aim for a high GPM (K)	Explanation (K+K)	Possible context (APP)																											
Measure of efficiency	JF may need to prove it is operating efficiently to any potential investors	Particularly important because it is a private limited company																											
To cover expenses/indirect costs	Otherwise JF may not make any profit for the year	The expenses are \$50 000 for option 1																											
To increase (net) profit for the year	Which will allow the owners to have more income	The owners are shareholders (Ltd) The (net) profit is currently \$40 000 for option 1																											

Question	Answer				Marks
1(c)	Recommend which option Jim should choose using the information in the case study. Justify your view.				11
	Knowledge and Application (4 marks)	Marks	Analysis and Evaluation (7 marks)	Marks	
			A justified recommendation based on a developed argument of both options	7	
			A developed recommendation based on a developed argument of both options	6	
			A basic recommendation/ judgement based on a developed argument of both options	5	
	Shows understanding of Option 1 (healthy snacks) and Option 2 (healthy cooking oil)	4	Developed argument based on the impact on JF of choosing Option 1 (healthy snacks) and Option 2 (healthy cooking oil)	4	
	Shows understanding of Option 1 (healthy snacks) or Option 2 (healthy cooking oil)	3	Developed argument based on the impact on JF of choosing Option 1 (healthy snacks) or Option 2 (healthy cooking oil)	3	
	Shows knowledge of product development	1-2	Limited analysis of product development	2	
			Limited analysis of Product development	1	
	No creditable content			0	

Question	Answer	Marks
1(c)	Content: Option 1 (healthy snacks) • A new market opportunity for JF but no experience of marketing/selling these healthy snacks • Mass market – high sales but possibility of high competition • A growth market (10%) but less than Healthy cooking oil (15%) • Society sees this as an important issue – good publicity for JF • High price can be charged for a quality product • Can JF produce this product? • Will the supermarkets purchase from JF? • Higher start up costs (\$100 000) than Healthy cooking oil (\$75 000) • Higher expenses (\$50 000) than healthy cooking oil (\$75 000) • Lower CoGS (\$60 000) than healthy cooking oil (\$75,000) • Forecast sales higher (300 000) than healthy cooking oil (100 000) • Lower price (\$0.50) than healthy cooking oil (\$2.00) • Lower forecast revenue (\$150 000) than healthy cooking oil (\$200 000) • Lower GPM (60%) than healthy cooking oil (62.5%) • Lower NPM (26.7%) than healthy cooking oil (45%) • Forecast to make a loss (–\$60 000) in Year 1 compared to profit of healthy cooking oil (+£15 000) Option 2 (healthy cooking oil) • Synergy with JF’s current product range • Lower start up capital required (\$75 000) than Healthy snacks (\$100 000) • Lower fixed costs/annual expenses (\$35 000) than Healthy snacks (\$50 000) • Higher forecast market growth (15%) than Healthy snacks (10%) • A development from what JF already produces – less risk • Attracts high income consumers/customers • High price can be charged (\$2) than Healthy snacks (\$0.50) • Could enhance JF’s image • JF already has a link to distribution through supermarkets ARA	

Question	Answer				Marks
1(d)	Analyse two suitable sources of finance JF could use for the option you have chosen in 1(c)				8
	Level	Knowledge and application (4 marks)	Mark	Analysis (4 marks)	Mark
	2b	Shows understanding of two suitable sources of finance in context	4	Developed analysis of two suitable sources of finance in context	4
	2a	Shows understanding of one suitable source of finance in context	3	Developed analysis of one suitable sources of finance in context	3
	1	Shows knowledge of two sources of finance	2	Limited analysis of two sources of finance	2
		Shows knowledge of one source of finance	1	Limited analysis of one sources of finance	1
	0	No creditable content			0
Answers could include: • Long term loan to pay for the fixed costs of milling/bottling etc. • Re-mortgaging/extending the mortgage on the farm • Attracting new shareholders into the farm (<i>Note: JF is a Ltd</i>) • Leasing/HP for additional machinery • Overdrafts for the short term variable costs • Trade credit for short term variable costs					
Any answer which mixes a long term solution for a short term problem should not be classed as suitable.					

Question	Answer	Marks																										
2(a)(i)	Define the term ‘induction’ (line 12). <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 credible content</td><td>0</td></tr></table> <i>Note: Do not reward ‘training’ as it is too generic</i> A correct definition could cover the following: • Introduction to the business rules, regulations and procedures (or an example) • Provided when first joining a business <table><tr><th>Exemplar</th><th>Marks</th><th>Rationale</th></tr><tr><td>A general introduction to the business rules provided to all new starters</td><td>2</td><td>Two elements covered</td></tr><tr><td>Generic training such as fire safety provided to new employees</td><td>2</td><td>Two elements covered</td></tr><tr><td>Provided to new employees</td><td>1</td><td>A simple statement</td></tr><tr><td>General training and information about the rules and regulations in a business</td><td>1</td><td>An understanding but too vague</td></tr><tr><td>A type of training</td><td>0</td><td>Too vague</td></tr></table>	Knowledge	Marks	A correct definition	2	A partial, vague or unfocused definition	1	No credible content	0	Exemplar	Marks	Rationale	A general introduction to the business rules provided to all new starters	2	Two elements covered	Generic training such as fire safety provided to new employees	2	Two elements covered	Provided to new employees	1	A simple statement	General training and information about the rules and regulations in a business	1	An understanding but too vague	A type of training	0	Too vague	2
Knowledge	Marks																											
A correct definition	2																											
A partial, vague or unfocused definition	1																											
No credible content	0																											
Exemplar	Marks	Rationale																										
A general introduction to the business rules provided to all new starters	2	Two elements covered																										
Generic training such as fire safety provided to new employees	2	Two elements covered																										
Provided to new employees	1	A simple statement																										
General training and information about the rules and regulations in a business	1	An understanding but too vague																										
A type of training	0	Too vague																										

Question	Answer	Marks																														
2(a)(ii)	Briefly explain the term ‘social enterprise’ (line 5). Award one mark for each point of explanation <table border="1"> <thead> <tr> <th></th><th>Knowledge</th><th>Marks</th></tr> </thead> <tbody> <tr> <td>C</td><td>Example or some other way of showing good understanding – triple bottom line, not a charity, people, planet and profit</td><td>1</td></tr> <tr> <td>B</td><td>Profits are reinvested in order to meet the organisations aim or a loss allowed to meet aims of organisation</td><td>1</td></tr> <tr> <td>A</td><td>Understanding of social enterprise – main aim/objective is to fulfil a social need/not maximisation profit</td><td>1</td></tr> </tbody> </table> The organisations aim is to make a profit not for the shareholders but to meet a social or environmental need. It is often referred to as the triple bottom line. <table border="1"> <thead> <tr> <th>Exemplar</th><th>Marks</th><th>Rationale</th></tr> </thead> <tbody> <tr> <td>Business making a profit to meet the social needs of a section of society, often called the triple bottom line</td><td>3</td><td>All three elements</td></tr> <tr> <td>Business venture whose main aim is to help a social need (A) rather than make a personal profit (C)</td><td>2</td><td>All and C only</td></tr> <tr> <td>Meeting the needs of society</td><td>1</td><td>A only</td></tr> <tr> <td>The 3 Ps/ People, planet and profit</td><td>1</td><td>Identified key themes only, no real understanding</td></tr> <tr> <td>No identifiable content</td><td>0</td><td></td></tr> </tbody> </table>		Knowledge	Marks	C	Example or some other way of showing good understanding – triple bottom line, not a charity, people, planet and profit	1	B	Profits are reinvested in order to meet the organisations aim or a loss allowed to meet aims of organisation	1	A	Understanding of social enterprise – main aim/objective is to fulfil a social need/not maximisation profit	1	Exemplar	Marks	Rationale	Business making a profit to meet the social needs of a section of society, often called the triple bottom line	3	All three elements	Business venture whose main aim is to help a social need (A) rather than make a personal profit (C)	2	All and C only	Meeting the needs of society	1	A only	The 3 Ps/ People, planet and profit	1	Identified key themes only, no real understanding	No identifiable content	0		3
	Knowledge	Marks																														
C	Example or some other way of showing good understanding – triple bottom line, not a charity, people, planet and profit	1																														
B	Profits are reinvested in order to meet the organisations aim or a loss allowed to meet aims of organisation	1																														
A	Understanding of social enterprise – main aim/objective is to fulfil a social need/not maximisation profit	1																														
Exemplar	Marks	Rationale																														
Business making a profit to meet the social needs of a section of society, often called the triple bottom line	3	All three elements																														
Business venture whose main aim is to help a social need (A) rather than make a personal profit (C)	2	All and C only																														
Meeting the needs of society	1	A only																														
The 3 Ps/ People, planet and profit	1	Identified key themes only, no real understanding																														
No identifiable content	0																															

Question	Answer	Marks																																										
2(b)(i)	SSR uses cost-based pricing to add 60% to variable costs when pricing each meal. Refer to Table 2.1. Calculate the average price of each meal in the proposed <u>city centre</u> restaurant. <table border="1"> <thead> <tr> <th>Level</th><th>Rationale</th><th>Marks</th></tr> </thead> <tbody> <tr> <td>2 (APP)</td><td>Correct calculation (with or without working and/or \$)</td><td>3</td></tr> <tr> <td>1b (KK)</td><td>Correct process</td><td>2</td></tr> <tr> <td>1a (K)</td><td>Correct formula or correct calculation of VC (\$3.75)</td><td>1</td></tr> <tr> <td>0 mark</td><td>No credible content</td><td>0</td></tr> </tbody> </table> Total price = Total variable costs $\times$ 1 + mark-up (1) OR $\frac{\text{Total variable costs}}{100} \times 60 + \text{TVC}$ (1) <i>Allow any reasonable formula</i> City Centre = (\$1.50 + \$2.25) = \$3.75 (1) $\times$ 1.6 (1) = \$6.00 (3) Allow full marks for a correct answer with or without working or \$ (3) Common incorrect/incomplete answers <table border="1"> <thead> <tr> <th>Answer</th><th>Mark</th><th>Rationale</th></tr> </thead> <tbody> <tr> <td>\$6</td><td>3</td><td>Correct answer</td></tr> <tr> <td>(\$1.50 + \$1.30) $\times$ 1.6 = \$4.48</td><td>2</td><td>Edge of city figures (correct process but wrong figures – one mistake)</td></tr> <tr> <td>\$4.48 (no working)</td><td>0</td><td>Incorrect answer</td></tr> <tr> <td>60% of \$3.75 = \$2.25</td><td>2</td><td>Correct calculation of VC and mark up</td></tr> <tr> <td>\$2.25 (no working)</td><td>0</td><td>An incorrect answer with no working</td></tr> <tr> <td>Total variable costs $\times$ 1.6</td><td>1</td><td>Correct formula</td></tr> <tr> <td>\$5.50 $\times$ 1.6 = \$8.80</td><td>1</td><td>Used price not VC but process is correct</td></tr> <tr> <td></td><td>0</td><td>No creditable content</td></tr> </tbody> </table>	Level	Rationale	Marks	2 (APP)	Correct calculation (with or without working and/or \$)	3	1b (KK)	Correct process	2	1a (K)	Correct formula or correct calculation of VC (\$3.75)	1	0 mark	No credible content	0	Answer	Mark	Rationale	\$6	3	Correct answer	(\$1.50 + \$1.30) $\times$ 1.6 = \$4.48	2	Edge of city figures (correct process but wrong figures – one mistake)	\$4.48 (no working)	0	Incorrect answer	60% of \$3.75 = \$2.25	2	Correct calculation of VC and mark up	\$2.25 (no working)	0	An incorrect answer with no working	Total variable costs $\times$ 1.6	1	Correct formula	\$5.50 $\times$ 1.6 = \$8.80	1	Used price not VC but process is correct		0	No creditable content	3
Level	Rationale	Marks																																										
2 (APP)	Correct calculation (with or without working and/or \$)	3																																										
1b (KK)	Correct process	2																																										
1a (K)	Correct formula or correct calculation of VC (\$3.75)	1																																										
0 mark	No credible content	0																																										
Answer	Mark	Rationale																																										
\$6	3	Correct answer																																										
(\$1.50 + \$1.30) $\times$ 1.6 = \$4.48	2	Edge of city figures (correct process but wrong figures – one mistake)																																										
\$4.48 (no working)	0	Incorrect answer																																										
60% of \$3.75 = \$2.25	2	Correct calculation of VC and mark up																																										
\$2.25 (no working)	0	An incorrect answer with no working																																										
Total variable costs $\times$ 1.6	1	Correct formula																																										
\$5.50 $\times$ 1.6 = \$8.80	1	Used price not VC but process is correct																																										
	0	No creditable content																																										

Question	Answer	Marks															
2(b)(ii)	Briefly explain <u>one</u> advantage to SSR of using cost-based pricing. <table> <tr> <th>Level</th><th>Knowledge and Application</th><th>Marks</th></tr> <tr> <td>2 (APP)</td><td>Explanation of 1 or more advantages to SSR of using cost-based pricing</td><td>3</td></tr> <tr> <td>1b (KK)</td><td>Explanation of 1 or more generic advantages of cost based pricing</td><td>2</td></tr> <tr> <td>1a (K)</td><td>Knowledge of cost based pricing</td><td>1</td></tr> <tr> <td>0</td><td>No creditable content</td><td>0</td></tr> </table> Context is likely to come from: - Food is seasonal and prices change so ensures a suitable profit margin is kept - Customers are happy that they are paying reasonable prices based on what they are eating/ not being charged premium prices	Level	Knowledge and Application	Marks	2 (APP)	Explanation of 1 or more advantages to SSR of using cost-based pricing	3	1b (KK)	Explanation of 1 or more generic advantages of cost based pricing	2	1a (K)	Knowledge of cost based pricing	1	0	No creditable content	0	3
Level	Knowledge and Application	Marks															
2 (APP)	Explanation of 1 or more advantages to SSR of using cost-based pricing	3															
1b (KK)	Explanation of 1 or more generic advantages of cost based pricing	2															
1a (K)	Knowledge of cost based pricing	1															
0	No creditable content	0															

Question	Answer				Marks
2(c)	Analyse <u>two</u> possible impacts on stakeholders of SSR if the second restaurant is successful.				8
	Level	Knowledge and application	Marks	Analysis	Marks
	2	Shows knowledge of two stakeholders in context	4	Developed analysis of two impacts of success of the second restaurant on two stakeholder groups in context	4
		Shows knowledge of one stakeholder in context	3	Developed analysis of one impact of success of the second restaurant on one stakeholder group in context	3
	1	Shows knowledge of two stakeholder groups	2	Limited analysis of two impacts of success on two stakeholder groups	2
		Shows knowledge of one stakeholder group	1	Limited analysis of one impact of success on one stakeholder group	1
	0	No creditable content			0
Note: Do not allow analysis of the impact on any stakeholder group of the factors in Tables 2.1 and 2.2. This question is about the impact of <i>SUCCESS</i> not the location. Major stakeholders: customers, local education provider, local government, employees, competition, investors, suppliers, job centre (any reasonable answer accepted) Contextual analysis likely to come from: • Government – increased size of training scheme impacts on jobless figures which is good for job seekers payments • Customers – more seating/bigger restaurant means more availability for local customers means lower waiting time • Employees – more jobs means that more young people will be able to work and gain new skills leading to better chances of gaining future employment • Suppliers – two successful restaurants lead to more orders and in turn increased profit.					

Question	Answer				Marks																																				
2(d)	Recommend which location SSR should choose for its second restaurant. Justify your recommendation.				11																																				
<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>A justified recommendation based on a developed argument of both options</td><td>7</td></tr><tr><td></td><td></td><td>A developed recommendation based on a developed argument of both options</td><td>6</td></tr><tr><td></td><td></td><td>A basic recommendation/ judgement based on a developed argument of both options</td><td>5</td></tr><tr><td>Shows understanding of decision making factors for city centre AND out of town location for SSR restaurant</td><td>4</td><td>Developed argument based on factors for city centre AND out of town location for SSR restaurant</td><td>4</td></tr><tr><td>Shows understanding of decision making factor(s) for city centre OR out of town location for SSR restaurant</td><td>3</td><td>Developed argument based on factor(s) for city centre OR out of town location for SSR restaurant</td><td>3</td></tr><tr><td>Shows knowledge of two factors affecting location</td><td>2</td><td>Limited analysis of two factors affecting location</td><td>2</td></tr><tr><td>Shows knowledge of one factor affecting location</td><td>1</td><td>Limited analysis of one factor affecting location</td><td>1</td></tr><tr><td colspan="3">No creditable content</td><td>0</td></tr></table>						Knowledge and Application (4 marks)	Marks	Analysis and Evaluation (7 marks)	Marks			A justified recommendation based on a developed argument of both options	7			A developed recommendation based on a developed argument of both options	6			A basic recommendation/ judgement based on a developed argument of both options	5	Shows understanding of decision making factors for city centre AND out of town location for SSR restaurant	4	Developed argument based on factors for city centre AND out of town location for SSR restaurant	4	Shows understanding of decision making factor(s) for city centre OR out of town location for SSR restaurant	3	Developed argument based on factor(s) for city centre OR out of town location for SSR restaurant	3	Shows knowledge of two factors affecting location	2	Limited analysis of two factors affecting location	2	Shows knowledge of one factor affecting location	1	Limited analysis of one factor affecting location	1	No creditable content			0
Knowledge and Application (4 marks)	Marks	Analysis and Evaluation (7 marks)	Marks																																						
		A justified recommendation based on a developed argument of both options	7																																						
		A developed recommendation based on a developed argument of both options	6																																						
		A basic recommendation/ judgement based on a developed argument of both options	5																																						
Shows understanding of decision making factors for city centre AND out of town location for SSR restaurant	4	Developed argument based on factors for city centre AND out of town location for SSR restaurant	4																																						
Shows understanding of decision making factor(s) for city centre OR out of town location for SSR restaurant	3	Developed argument based on factor(s) for city centre OR out of town location for SSR restaurant	3																																						
Shows knowledge of two factors affecting location	2	Limited analysis of two factors affecting location	2																																						
Shows knowledge of one factor affecting location	1	Limited analysis of one factor affecting location	1																																						
No creditable content			0																																						

Question	Answer	Marks
2(d)	Content/context and analysis: City Centre: • Already has restaurant layout > less initial investment but no personal touch? • Competition from established restaurants > might reduce custom but a popular location for new customers? • Lack of parking > might impact on ability of people to visit but may be well serviced by public transport • Higher average price per mean – \$6 • Higher sales revenue per month = \$6000 • Higher net profit per month = \$1750 Edge of city: • Permission to convert > can create personalised style but expensive • Location has fewer potential customers but less competition – captive audience • Lower monthly fixed costs – less pressure on the finances • Lower average price per mean – \$4.48 – better for a social enterprise? • Lower forecast sales revenue per month = \$3360 • Lower forecast (net) profit per month = \$885	