



Cambridge International AS & A Level

BUSINESS

9609/23

Paper 2 Data Response

May/June 2020

MARK SCHEME

Maximum Mark: 60

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 **11** 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)	<p>Define the term ‘joint venture’ (line 2).</p> <table border="1" data-bbox="300 315 1332 577"> <thead> <tr> <th data-bbox="300 315 1099 380">Knowledge</th> <th data-bbox="1099 315 1332 380">Marks</th> </tr> </thead> <tbody> <tr> <td data-bbox="300 380 1099 448">A correct definition</td> <td data-bbox="1099 380 1332 448">2</td> </tr> <tr> <td data-bbox="300 448 1099 515">A partial, vague or unfocused definition</td> <td data-bbox="1099 448 1332 515">1</td> </tr> <tr> <td data-bbox="300 515 1099 577">No creditable content</td> <td data-bbox="1099 515 1332 577">0</td> </tr> </tbody> </table> <p>Content A business arrangement where two or more businesses (parties) agree to pool resources for a specific task. A business entity created by two or more businesses with a common interest.</p>	Knowledge	Marks	A correct definition	2	A partial, vague or unfocused definition	1	No creditable content	0	2				
Knowledge	Marks													
A correct definition	2													
A partial, vague or unfocused definition	1													
No creditable content	0													
1(a)(ii)	<p>Explain the difference between ‘redundancy’ and ‘dismissal’ (line 28).</p> <p>Award one mark for each point of explanation:</p> <table border="1" data-bbox="300 909 1332 1205"> <thead> <tr> <th data-bbox="300 909 416 974"></th> <th data-bbox="416 909 1099 974">Knowledge</th> <th data-bbox="1099 909 1332 974">Marks</th> </tr> </thead> <tbody> <tr> <td data-bbox="300 974 416 1075">A</td> <td data-bbox="416 974 1099 1075">Explanation of the difference between redundancy and dismissal</td> <td data-bbox="1099 974 1332 1075">3</td> </tr> <tr> <td data-bbox="300 1075 416 1140">B</td> <td data-bbox="416 1075 1099 1140">An understanding of redundancy (may be implied)</td> <td data-bbox="1099 1075 1332 1140">1</td> </tr> <tr> <td data-bbox="300 1140 416 1205">C</td> <td data-bbox="416 1140 1099 1205">An understanding of dismissal (may be implied)</td> <td data-bbox="1099 1140 1332 1205">1</td> </tr> </tbody> </table> <p>Content:</p> <ul style="list-style-type: none"> • Redundancy is where an employee is made to leave an organisation because their job role is no longer required. • Dismissal is where an employer ends a worker’s employment • The difference is that redundancy is about the job role not being required any more, whereas dismissal is when the employee is no longer required. (A mark, B and C implied) • Redundancy can only happen after two years’ service, whereas dismissal can occur at any point in employment. (A mark, B and C implied) <p>ARA</p>		Knowledge	Marks	A	Explanation of the difference between redundancy and dismissal	3	B	An understanding of redundancy (may be implied)	1	C	An understanding of dismissal (may be implied)	1	3
	Knowledge	Marks												
A	Explanation of the difference between redundancy and dismissal	3												
B	An understanding of redundancy (may be implied)	1												
C	An understanding of dismissal (may be implied)	1												

Question	Answer	Marks												
1(b)(i)	<p data-bbox="300 248 1310 315">Refer to Table 1.1 and any other information. Calculate the total revenue from entrance tickets for SH in 2019.</p> <table border="1" data-bbox="300 353 1334 745"> <thead> <tr> <th data-bbox="300 353 1098 421">Rationale</th> <th data-bbox="1098 353 1334 421">Marks</th> </tr> </thead> <tbody> <tr> <td data-bbox="300 421 1098 488">Correct answer with or without correct working or \$</td> <td data-bbox="1098 421 1334 488">4</td> </tr> <tr> <td data-bbox="300 488 1098 555">Correct calculation of number of customers</td> <td data-bbox="1098 488 1334 555">3</td> </tr> <tr> <td data-bbox="300 555 1098 622">Correct calculation of TVC</td> <td data-bbox="1098 555 1334 622">2</td> </tr> <tr> <td data-bbox="300 622 1098 689">Formula</td> <td data-bbox="1098 622 1334 689">1</td> </tr> <tr> <td data-bbox="300 689 1098 745">No creditable content</td> <td data-bbox="1098 689 1334 745">0</td> </tr> </tbody> </table> <p data-bbox="300 752 1294 786"><i>Note: A correct answer must (in some way) be expressed in millions (e.g. m)</i></p> <p data-bbox="300 853 520 887">Answer = \$110m</p> $Quantity = \frac{TC - FC}{VC \text{ (per unit)}}$ <p data-bbox="300 1032 671 1066">\$42m – \$12m = \$30m (TVC)</p> $\frac{\$30m}{\$3m} = 10m \text{ customers}$ <p data-bbox="300 1211 679 1245">10m × \$11 = \$110m revenue</p>	Rationale	Marks	Correct answer with or without correct working or \$	4	Correct calculation of number of customers	3	Correct calculation of TVC	2	Formula	1	No creditable content	0	4
Rationale	Marks													
Correct answer with or without correct working or \$	4													
Correct calculation of number of customers	3													
Correct calculation of TVC	2													
Formula	1													
No creditable content	0													

Question	Answer	Marks												
1(b)(ii)	<p data-bbox="300 248 1331 282">Explain one way in which SH could increase the sales of entrance tickets.</p> <table border="1" data-bbox="300 315 1331 607"> <thead> <tr> <th data-bbox="300 315 432 380">Level</th> <th data-bbox="432 315 1102 380">Knowledge and Application</th> <th data-bbox="1102 315 1331 380">Marks</th> </tr> </thead> <tbody> <tr> <td data-bbox="300 380 432 479">2 (APP)</td> <td data-bbox="432 380 1102 479">Explanation of a way to increase sales of entrance tickets in context</td> <td data-bbox="1102 380 1331 479">2</td> </tr> <tr> <td data-bbox="300 479 432 544">1 (K)</td> <td data-bbox="432 479 1102 544">Explanation of a way to increase sales/revenue</td> <td data-bbox="1102 479 1331 544">1</td> </tr> <tr> <td data-bbox="300 544 432 607">0</td> <td data-bbox="432 544 1102 607">No creditable content</td> <td data-bbox="1102 544 1331 607">0</td> </tr> </tbody> </table> <p data-bbox="300 613 1331 745"><i>Note: This question is specifically about ‘entrance tickets’. Answers which focus on increasing revenue by other means (e.g. restaurants, fast-track etc.) are unlikely to be contextual. The hotel option gives customers FREE entrance tickets so is unlikely to be contextual.</i></p> <p data-bbox="300 779 421 813">Content:</p> <ul data-bbox="300 815 1310 987" style="list-style-type: none"> • Develop the rides e.g. the VR ride • Decrease the price – may be elastic because of competition • Selling through different distribution channels e.g. advance tickets, online tickets etc. • Promotion – any method in context <p data-bbox="300 1021 363 1055">ARA</p>	Level	Knowledge and Application	Marks	2 (APP)	Explanation of a way to increase sales of entrance tickets in context	2	1 (K)	Explanation of a way to increase sales/revenue	1	0	No creditable content	0	2
Level	Knowledge and Application	Marks												
2 (APP)	Explanation of a way to increase sales of entrance tickets in context	2												
1 (K)	Explanation of a way to increase sales/revenue	1												
0	No creditable content	0												

Question	Answer				Marks
1(c)	Analyse two factors that may have determined the location of SH.				8
Level	Knowledge and Application (4 marks)	Marks	Analysis (4 marks)	Marks	
2b	Shows understanding of two (or more) factors which may determine location in context	4	Good analysis of two (or more) factors which may determine location in context	4	
2a	Shows understanding of one factor that may determine location in context	3	Good analysis of one factor that may determine location in context	3	
1b	Shows knowledge of two (or more) factors which may determine location	2	Limited analysis of two (or more) factors which may determine location	2	
1a	Shows knowledge of one factor that may determine location	1	Limited analysis of one factor that may determine location	1	
0	No creditable content				
<p>Content:</p> <ul style="list-style-type: none"> • Access to employees – SH employs 200 f/t workers and 50 seasonal • Access to suppliers – restaurants, shops, builders etc. • Space – large rides (2 km² of land), car park etc. • Access to customers – 10m customers a year • Access to raw materials – water rides etc. • Infrastructure – ease of access for visitors <p>ARA</p>					

Question	Answer				Marks	
1(d)	Recommend which one of the two options SH should choose for internal growth. Justify your recommendation.				11	
Knowledge and Application (4 marks)		Marks	Analysis and Evaluation (7 marks)			Marks
			Justified evaluation based on arguments in context			7
			Developed evaluation based on arguments in context			6
			An evaluative statement based on arguments in context			5
Shows understanding of the two options for internal growth		3–4	Arguments based on the two options for internal growth			3–4
Shows knowledge of internal growth		1–2	Limited analysis of internal growth			1–2
No creditable content						
<p>Content:</p> <p><i>Option 1: A new Virtual Reality (VR) ride</i></p> <ul style="list-style-type: none"> • May improve the popularity of the theme park • New modern technology (VR) is likely to appeal to the target market (10–18 year olds) • Significantly lower cost than hotel (\$2m compared to \$15m) • Less time closed (3 months compared to a year) • Can be completed in off-peak time • No redundancy payments or risk of unfair dismissal <p><i>Option 2: A hotel</i></p> <ul style="list-style-type: none"> • Keep up with competitors • New revenue source – high price rooms • More opportunity to spend longer time in park – restaurants, shops etc. • May be an opportunity to get rid of poorly performing employees (are they the reason why customers have decreased on the Iron Blaster ride?) <p>ARA</p>						

Question	Answer	Marks								
2(a)(i)	<p>Define the term ‘secondary sector’ (line 1).</p> <table border="1" data-bbox="300 315 1332 577"> <thead> <tr> <th data-bbox="300 315 1099 380">Knowledge</th> <th data-bbox="1099 315 1332 380">Marks</th> </tr> </thead> <tbody> <tr> <td data-bbox="300 380 1099 448">A correct definition</td> <td data-bbox="1099 380 1332 448">2</td> </tr> <tr> <td data-bbox="300 448 1099 515">A partial, vague or unfocused definition</td> <td data-bbox="1099 448 1332 515">1</td> </tr> <tr> <td data-bbox="300 515 1099 577">No creditable content</td> <td data-bbox="1099 515 1332 577">0</td> </tr> </tbody> </table> <p>Content: Businesses that manufacture raw materials (or assemble components) into finished goods</p>	Knowledge	Marks	A correct definition	2	A partial, vague or unfocused definition	1	No creditable content	0	2
Knowledge	Marks									
A correct definition	2									
A partial, vague or unfocused definition	1									
No creditable content	0									
2(a)(ii)	<p>Explain the term ‘market segmentation’ (line 6).</p> <p>Award one mark for each point of explanation:</p> <table border="1" data-bbox="300 842 1332 1144"> <thead> <tr> <th data-bbox="300 842 1099 907">Knowledge</th> <th data-bbox="1099 842 1332 907">Marks</th> </tr> </thead> <tbody> <tr> <td data-bbox="300 907 1099 1008">Example or some other way of showing good understanding</td> <td data-bbox="1099 907 1332 1008">1</td> </tr> <tr> <td data-bbox="300 1008 1099 1075">Understanding of segmentation</td> <td data-bbox="1099 1008 1332 1075">1</td> </tr> <tr> <td data-bbox="300 1075 1099 1144">Understanding of a market</td> <td data-bbox="1099 1075 1332 1144">1</td> </tr> </tbody> </table> <p>Content Dividing the total population that might demand a product or service into smaller sections where people share certain characteristics. For example, a soft drinks manufacturer might segment their market by age groups.</p> <p>ARA</p>	Knowledge	Marks	Example or some other way of showing good understanding	1	Understanding of segmentation	1	Understanding of a market	1	3
Knowledge	Marks									
Example or some other way of showing good understanding	1									
Understanding of segmentation	1									
Understanding of a market	1									

Question	Answer	Marks																		
2(b)(i)	<p>Refer to Table 2.1. Calculate the total number of meals per day produced by both teams.</p> <table border="1" data-bbox="300 349 1332 645"> <thead> <tr> <th data-bbox="300 349 1098 414">Rationale</th> <th data-bbox="1098 349 1332 414">Marks</th> </tr> </thead> <tbody> <tr> <td data-bbox="300 414 1098 479">Correct answer with or without correct working</td> <td data-bbox="1098 414 1332 479">2</td> </tr> <tr> <td data-bbox="300 479 1098 577">Correct calculation of total day shift meals or total night shift meals</td> <td data-bbox="1098 479 1332 577">1</td> </tr> <tr> <td data-bbox="300 577 1098 645">No creditable content</td> <td data-bbox="1098 577 1332 645">0</td> </tr> </tbody> </table> <p>Answer = 42 000 meals</p> <p>1000 workers X 30 meals = 30 000 meals (day)</p> <p>500 workers X 24 meals = 12 000 meals (night)</p> <p>OFR</p>	Rationale	Marks	Correct answer with or without correct working	2	Correct calculation of total day shift meals or total night shift meals	1	No creditable content	0	2										
Rationale	Marks																			
Correct answer with or without correct working	2																			
Correct calculation of total day shift meals or total night shift meals	1																			
No creditable content	0																			
2(b)(ii)	<p>Explain two ways in which FF may be affected by the lower productivity of employees working in Team B.</p> <table border="1" data-bbox="300 1043 1332 1503"> <thead> <tr> <th data-bbox="300 1043 443 1108">Level</th> <th data-bbox="443 1043 1102 1108">Knowledge and Application</th> <th data-bbox="1102 1043 1332 1108">Marks</th> </tr> </thead> <tbody> <tr> <td data-bbox="300 1108 443 1209">2b (APP +APP)</td> <td data-bbox="443 1108 1102 1209">Explanation of two effects of low productivity in context</td> <td data-bbox="1102 1108 1332 1209">4</td> </tr> <tr> <td data-bbox="300 1209 443 1310">2a (APP)</td> <td data-bbox="443 1209 1102 1310">Explanation of one effect of low productivity in context</td> <td data-bbox="1102 1209 1332 1310">3</td> </tr> <tr> <td data-bbox="300 1310 443 1375">1b (K+K)</td> <td data-bbox="443 1310 1102 1375">Identification of two effects of low productivity</td> <td data-bbox="1102 1310 1332 1375">2</td> </tr> <tr> <td data-bbox="300 1375 443 1440">1a (K)</td> <td data-bbox="443 1375 1102 1440">Identification of one effect of low productivity</td> <td data-bbox="1102 1375 1332 1440">1</td> </tr> <tr> <td data-bbox="300 1440 443 1503">0</td> <td data-bbox="443 1440 1102 1503">No creditable content</td> <td data-bbox="1102 1440 1332 1503">0</td> </tr> </tbody> </table> <p>Content:</p> <ul data-bbox="300 1574 1332 1821" style="list-style-type: none"> • FF may have reduced revenue from having less meals to sell to airlines. • FF may have higher costs than the competition – very competitive market. • FF may not be able to afford the capital for mass production. • Low productivity may make the decision to move to mass production more appealing. • May lead to dismissing some of the 500 night-shift workers. • May lead to tougher targets for the workers. <p>ARA</p>	Level	Knowledge and Application	Marks	2b (APP +APP)	Explanation of two effects of low productivity in context	4	2a (APP)	Explanation of one effect of low productivity in context	3	1b (K+K)	Identification of two effects of low productivity	2	1a (K)	Identification of one effect of low productivity	1	0	No creditable content	0	4
Level	Knowledge and Application	Marks																		
2b (APP +APP)	Explanation of two effects of low productivity in context	4																		
2a (APP)	Explanation of one effect of low productivity in context	3																		
1b (K+K)	Identification of two effects of low productivity	2																		
1a (K)	Identification of one effect of low productivity	1																		
0	No creditable content	0																		

Question	Answer				Marks	
2(c)	Analyse two possible disadvantages for FF of using Just in Time (JIT) to manage inventory.				8	
	Level	Knowledge and Application (4 marks)	Marks	Analysis (4 marks)		Marks
	2b	Shows understanding of just in time inventory control in context	4	Good analysis of two disadvantages of Just in Time inventory control in context		4
	2a	Shows understanding of inventory control in context	3	Good analysis of one disadvantage of Just in Time inventory control in context		3
	1b	Shows knowledge of Just in Time inventory control	2	Limited analysis of two disadvantages of Just in Time inventory control		2
	1a	Shows knowledge of inventory control	1	Limited analysis of one disadvantage of Just in Time inventory control		1
	0	No creditable content				
<p>Content:</p> <ul style="list-style-type: none"> • Risk of running out of stock • More planning needed • Must have good relationship with supplier • No backup inventory in case of a supply chain problem • Poor quality products may lead to major disruption • No spare finished stock just in case <p>ARA</p>						

Question	Answer				Marks	
2(d)	Evaluate the possible effects on FF of a change from a labour intensive process to a capital intensive process.				11	
Knowledge and Application (4 marks)		Marks	Analysis and Evaluation (7 marks)			Marks
			Justified evaluation based on argument in context			7
			Developed evaluation based on argument in context			6
			An evaluative statement based on argument in context			5
Shows understanding of staff morale and welfare in context		3–4	Argument based on effects on staff morale and welfare of a move from a labour intensive process to a capital intensive process			3–4
Shows knowledge of staff morale and welfare		1–2	Limited analysis of effect(s) on staff morale and welfare			1–2
No creditable content						
<p>Content:</p> <ul style="list-style-type: none"> • Staff morale is the job satisfaction, outlook, and feelings of well-being an employee has within a workplace setting. • Staff welfare is about keeping workers healthy and safe. • Some workers may be made redundant – this is likely to affect the morale of the workers still employed by FF. • A move to capital intensive may lead to a less satisfying job for the employees of FF – less variety of meals, etc. • Employees may lose the 5 minute changeover time – may have H&S implications – working longer hours, more intensive etc. • Employees may see that there is even less job security (already low with 6-month contracts). • The loss of production targets may improve staff morale because there is less pressure to produce. • The speed of production will be set by the machinery which may put workers under undue pressure, or to produce at an unrealistic rate. 						
ARA						