

Cambridge International AS & A Level

BUSINESS

Paper 2 Data Response MARK SCHEME Maximum Mark: 60 9609/22 February/March 2022

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.

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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.

Social Science-Specific Marking Principles (for point-based marking)

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1	Co •	mponents using point-based marking: Point marking is often used to reward knowledge, understanding and application of skills. We give credit where the candidate's answer shows relevant knowledge, understanding and application of skills in answering the question. We do not give credit where the answer shows confusion.
	Fro	m this it follows that we:
	а	DO credit answers which are worded differently from the mark scheme if they clearly convey the same meaning (unless the mark scheme requires a specific term)
	b	DO credit alternative answers/examples which are not written in the mark scheme if they are correct
	С	DO credit answers where candidates give more than one correct answer in one prompt/numbered/scaffolded space where extended writing is required rather than list-type answers. For example, questions that require <i>n</i> reasons (e.g. State two reasons).
	d	DO NOT credit answers simply for using a 'key term' unless that is all that is required. (Check for evidence it is understood and not used wrongly.)
	е	DO NOT credit answers which are obviously self-contradicting or trying to cover all possibilities
	f	DO NOT give further credit for what is effectively repetition of a correct point already credited unless the language itself is being tested. This applies equally to 'mirror statements' (i.e. polluted/not polluted).
	g	DO NOT require spellings to be correct, unless this is part of the test. However spellings of syllabus terms must allow for clear and unambiguous separation from other syllabus terms with which they may be confused (e.g. Corrasion/Corrosion)
2	Pre	esentation of mark scheme:
-	•	Slashes (/) or the word 'or' separate alternative ways of making the same point. Semi colons (;) bullet points (•) or figures in brackets (1) separate different points. Content in the answer column in brackets is for examiner information/context to clarify the marking but is not required to earn the mark (except Accounting syllabuses where they indicate negative numbers).
3	Ca	culation questions:
	•	The mark scheme will show the steps in the most likely correct method(s), the mark for
	•	each step, the correct answer(s) and the mark for each answer If working/explanation is considered essential for full credit, this will be indicated in the
	-	question paper and in the mark scheme. In all other instances, the correct answer to a
	•	calculation should be given full credit, even if no supporting working is shown. Where the candidate uses a valid method which is not covered by the mark scheme,
		award equivalent marks for reaching equivalent stages.
	•	Where an answer makes use of a candidate's own incorrect figure from previous working, the 'own figure rule' applies: full marks will be given if a correct and complete method is used. Further guidance will be included in the mark scheme where necessary and any exceptions to this general principle will be noted.

4 Annotation:

- For point marking, ticks can be used to indicate correct answers and crosses can be used to indicate wrong answers. There is no direct relationship between ticks and marks. Ticks have no defined meaning for levels of response marking.
- For levels of response marking, the level awarded should be annotated on the script.
- Other annotations will be used by examiners as agreed during standardisation, and the meaning will be understood by all examiners who marked that paper.

uestion	An	iswer			Mark			
1(a)(i)	Define the term 'mission statement' (line 7).							
	Knowledge		Marks					
	A correct definition			2				
	A partial, vague or unfocused defini	tion		1				
	No creditable content			0				
	 Content One mark for understanding of the concept of aims and values (mission) One mark for understanding that it defines a company or organisation's reason for being (statement) 							
	Exemplar	e						
	A statement of a company's	on (1) which helps to set						
	vision (1) which helps to set objectives (1).							
		2	Clearly defined.					
	objectives (1). Is the goal of a company (1). Corporate objectives are used to achieve the mission statement	2	Clearly defined.					
	objectives (1). Is the goal of a company (1). Corporate objectives are used to achieve the mission statement (1).			om the				
	objectives (1).Is the goal of a company (1).Corporate objectives are used to achieve the mission statement (1).A kind of business target (1).Something a business aims for (1), in this case to 'make waste	1	Vague definition. Vague definition b example copied fr	om the				

Question		An	iswer			Marks		
1(a)(ii)	Expla	in the term 'democratic leade	rship styl	e' (line 13).		3		
	Award one mark for each point of explanation:							
	С	Example or some other way of understanding	of showing	I good	1 mark			
	В	Understanding that it is to do direction/guidance/coordina			1 mark			
	А	Understanding of the concept	of partic	ipation	1 mark			
	C ma	rks dependent on A and B mark	being pre	sent	1			
	Conte	ent						
	often	embers of the business (1) take by voting (1). If Rehana is a den artists to help her make decision	nocratic le	• •				
		Exemplar	Mark	Rational	e			
	cor dec has	employees' views are nsidered (1) when making cisions and every employee s one vote (1). Sometimes led participative leadership (1).	3	A, B and C				
	viev ma the	e leader takes other people's ws into account (1) when king decisions (1), however leader makes the final cision (1).	3	A, B and C				
	par	members of the business take t (1) in the decision-making cess (1).	2	A and B only				
	All	employees are involved (1).	1	A mark only				
	Dee	cisions are made by voting (1).		B mark only				
	Acce	pt any reasonable answer						

Question		Answer			Marks		
1(b)(i)) Refer to table 1.1. Calculate the acid test ratio for RR.						
	*May be implied	,					
	Ratio	Marks					
	Correct answer with or without c	orrect workin	g or \$	3			
	Attempt with correct figures			2			
	Formula*/attempt to calculate			1			
	No creditable content			0			
	Current assets – stock Current liabilities	[1 mar	k – formula]				
	<u>(14000 – 12000)</u> 8000	[1 mar	k – use of correct fig	gures]			
	Answer = 0.25:1]					
	Common incorrect answers						
	Answer	Mark	Rational	e			
	25%	3	A percentage is a	ratio.			
	1/4	3	A fraction is close to a ratio.	enough			
	0.25 (no working)	3	Allow as a correct with or without wo shown.				
	25 (no working)	0	Do not award any for an incorrect ar without working.				
	CA CL	1	Attempt to correct calculate using or figure (CL).				
	$\frac{14000}{8000} = 1.75:1$						
	2000 14000	1	Attempt to correct calculate using or figure (CA).				

Question	Answer					
1(b)(i)	Answer	Mark	Rationale			
	1.75:1 (no working)	0	Do not award any marks for an incorrect answer without working.			
	$\frac{CL}{CA - inventory}$ $\frac{8000}{2000}$ $= 4:1 (400\%)$	2	Incorrect formula (but right elements – inverted) and subsequent results are OFR			
	<u>8000</u> 2000	0	Without formula these are 'random' numbers			
	= 4					

Question		Answer		Marks
1(b)(ii)	Explain <u>one</u>	e method Rehana may use to improve liquidity.		3
	Level	Knowledge and Application	Marks	
	2 (APP)	Explanation of a method of improving liquidity, in context	3	
	2a (K+K)	Explanation of a method of improving liquidity	2	
	1a (K)	Identification of a method of improving liquidity	1	
	0	No creditable content	0	
	Liquidity can • A metho etc.): – Sell – Tak – Enc (det – Sell usin • A metho dividend – Tak	ontent edge and understanding be improved by: od of increasing current assets (cash, inventory, trade fixed assets – for cash. the out a long-term loan – to increase cash. courage prompt payment – to decrease trade receivate btors). I inventory – to increase cash (can improve liquidity if ng the acid test). of of decreasing current liabilities (overdraft, trade receivate payable etc.) the out a long-term loan – to pay off the overdraft. ain more profit – to avoid paying dividends	bles measured	
	AO2 ApplicaContextUse of T			
	ACCEPT AN	NY REASONABLE ANSWER		

Question	An	swer		Marks
1(b)(ii)	Exemplar	Mark	Rationale	
	Rehana could sell the machine that melts down bottles to increase RR's cash.	3	Explanation of a method in context	
	Rehana could sell \$5000 of the inventory so that the business can pay off its overdraft.	3	Explanation of a factor not in context. Allow based on acid test measure of liquidity.	
	Rehana could take out a long- term loan for \$5000 to pay off the overdraft.	3	Explanation of a method in context	
	Take out a long-term loan to pay off the overdraft.	2	Explanation of a method.	
	Take out a bank loan.	1	BOD that a bank loan is a long-term liability.	
	Borrow some money.	1	Too vague – could be short-term or long-term debt.	

Question			Answer			Marks
1(c)	Analyse <u>tv</u>	<u>vo</u> benefits for RR of h	aving a u	nique selling point (l	JSP).	8
	Level	Knowledge and Application (4 marks)	Marks	Analysis (4 marks)	Marks	
	2b	Shows knowledge of two benefits of having a USP in context	4	Developed analysis of two benefits of having a USP in context	4	
	2a	Shows knowledge of one benefit of having a USP in context	3	Developed analysis of one benefit of having a USP in context	3	
	1b	Shows knowledge of two benefits of having a USP	2	Limited analysis of two benefits of having a USP	2	
	1a	Shows knowledge of one benefit of a USP	1	Limited analysis of one benefit of having a USP	1	
	0	N	lo creditat	ble content		
	Knowledge To sel To inc Increa Brand To diff	vledge and understand e of benefits may include I more rease the price se customer loyalty / rep recognition erentiate from competition e a focus for the marketi	e: Deat purch	ases		

AO2 Application

- RR is a sole trader / small business and is likely to have limited resources
- RR makes unique vases and glassware products
- RR's mission statement 'to make waste beautiful'.
- Markets products as 'lovely for the planet, lovely for you'.
- RR has a strong <u>local</u> brand image.
- RR's USP is recycling waste (assumption can be made that no other competitors do this).
- RR employs two local artists, who are environmentally aware.
- Employees are skilled.
- RR uses job production.
- Table 1.1.
- Demand has grown and Rehana needs to increase output.
- Rehana wants to increase output by either employing more artists or changing to batch production.

Question	Answer	Marks
1(c)	 AO3 Analysis Increase customer loyalty / repeat purchases: gives RR an established customer base and revenue stream – more likely to make Rehana's growth strategies successful. Brand recognition: means that customers who are looking for recycled products are more likely to purchase RR's vases – increasing Rehana's incomes/profit. To differentiate from competition: likely to be a competitive market and RR may need customers to recognise their recycled products so that sales increase – so that Rehana can reinvest more profit and grow the business. To give a focus for the marketing mix: the 'lovely for the planet, lovely for you' marketing slogan shows a double benefit to making a purchase, meaning that Rehana may be able to charge a higher price – increasing her income/profit. Accept any reasonable answer 	

Question			Ans	wer			Marks
1(d)	Evaluate whether RR sho	uld ch	ange	to batch production.			11
	Knowledge and Application (4 marks)	Marks	Annotation	Analysis and Evaluation (7 marks)	Marks	Annotation	
				Justified evaluation based on argument in context.	7	EVAL + EVAL + EVAL	
				Developed evaluation based on argument in context.	6	EVAL + EVAL	
				An evaluative statement based on argument in context.	5	EVAL	
	Applies context to understanding of two pieces of knowledge about job/batch production.	4	APP + APP	Argument based on two pieces of developed analysis about RR's decision to change production method.	4	DEV + DEV	
	Applies context to understanding of one piece of knowledge about job/batch production.	3	АРР	Argument based on one piece of developed analysis about RR's decision to change production method.	3	DEV	

Question			Ans	wer			Marks	
1(d)	Knowledge and Application (4 marks)	Marks	Annotation	Analysis and Evaluation (7 marks)	Marks	Annotation		
	Shows two pieces of knowledge about job/batch production	2	Х + Х	Limited analysis of two factors influencing job/batch production	2	AN + AN		
	Shows one piece of knowledge about job/batch production	1	×	Limited analysis of one factor influencing job/batch production	1	AN		
	No c	redital	ble co	ntent				
	Content							
	 AO1 Knowledge and understanding Knowledge of job production may include: On-off unique products Produced one at a time 							
	 Knowledge of batch product Production in groups, n Whole batch passes the Use of machinery 	ot indi	vidua		same	time		
	 RR makes unique vase RR's mission statement Markets products as 'lo RR has a strong local b RR's USP is recycling we competitors do this). RR employs two local at Employees are skilled. RR uses job production Table 1.1. Demand has grown and 	s and t 'to m vely fo rand i vaste nrtists, n d Reha	glass ake w or the mage (assu who a ana no tput b	/aste beautiful'. planet, lovely for you'.	o oth	er		

Question	Answer	Marks
1(d)	AO3 Analysis	
	 Elements that the recommendation/judgement could depend upon. Weighing up of the impacts on RR of the change. Weighing up of the likely advantages/disadvantages of batch production. 	
	Accept any reasonable answer	

Question	Ar	nswer			Marks
2(a)(i)	Define the term 'market share' (line	9 14).			2
	Knowledge			Marks	
	A correct definition			2	
	A partial, vague or unfocused defin	ition		1	
	No creditable content			0	
	Content				
	 One mark for a portion/section of businesses / whole market) One mark for controlled by a business of a market (1) controlled Allow formula (sales of business / sale expressed as a formula or in words. 	i siness or by a busi	product ness. (1)		
	Accept any reasonable answer Exemplar	9			
	Section of a market controlled by a company	2	Clear understandi	ng	
	$\frac{\text{Sales of business}}{\text{Total sales}} \times 100$	2	Clear understandi	ng	
	The sales of one business compared to the sales of another business.	2	Sales of one busin controlled by busi Compared = portion	ness	
	Sales of business Total sales	2	Comparison of on business to the wi market.		
	Market controlled by a company/product	1	No portion/sectior	1	
	How big a company is	0	Too vague		

Question	Answer								
2(a)(ii)	Explain the term 'efficiency' (line 21)								
	Award one mark for each point of explanation:								
					Marks				
	С	Example or some other way o understanding	f showing	g good	3				
	В	Understanding that it leads to outputs	the high	est amount of	2				
	Α	Understanding of the concept	of least	amount of inputs	1				
	The le waste	east amount of inputs (1) to make (1) Exemplar	e the max	Rational					
		st inputs for the highest output educe waste	3	All three elements	6				
		st amount of inputs used to the highest output	2	No expansion					
	Higl	hest output possible	1	Only output					
	Rec	luction of waste	0	No understanding inputs or outputs) of				
	Accer	ot any reasonable answer		1					

Question	Answer								
2(b)(i)	Refer to Table 2.1 and other information. Calculate BB's total annual cost if it uses the proposed new machinery.								
	Rationa	ale		Marks					
	Correct answer, with or without wo	orking and	\$ sign	3					
	Attempt to calculate with correct fig TVC (\$300 000) and TFC (\$450 00		rect calculation of	2					
	Formula/ correct calculation of TV (\$450 000)	1							
	No creditable content	0							
	Content								
	Total variable costs + fixed costs (40×7500) + ($500\ 000 \times 0.9$) Answer = (\$)750 000 Common incorrect answers								
	Answer	Mark	Rational	9					
	750 000	3	Correct answer. \$ required.	i not					
	300 000 + 500 000 = 800 000	uce FC							
	\$800 000 (no working)	0	Do not award any for an incorrect ar without working.						
	\$250 000 + \$450 000 = \$700 000	2	One mistake – inc calculation of TV0						

Question		Ar	nswer			Marks		
2(b)(ii)	Explain <u>one</u> possible limitation to BB of using the proposed new machinery.							
	Level	Marks						
	2a (App)	Explains one possible li proposed new machine		BB of using the	3			
	1b (K+K)	Explains one possible li machinery with no appl		-	2			
	1a (K)	Identifies one or more p new machinery with no			1			
	0	No creditable content			0			
	 Space re Risk – c AO2 Applica BB has a Beds – l Use of T Market ia Wide rai Decrease 	ng – may reduce cashflow equirements – may requirements – may requirements – may requirements ation a reputation for quality arge product (large mach fable 2.1 (in comparison for s growing rapidly nge of consumer (online) ing staff morale and welf	re a new fa hinery hinery) to increase styles req	actory /extension ed costs)				
		Exemplar	Mark	Rational	e			
		retraining costs will ucing prices to hotels icult	3	Explanation of a f context	actor in			
	Increased cashflow	training costs reduces	2	Explanation of a f in context	actor not			
	Increased	training costs	1	Identification of a	factor			

Question	Answer								
2(c)	Analyse two possible disadvantages to BB of decreased staff morale and welfare.								
	Level	Knowledge and Application (4 marks)	Marks	Analysis (4 marks)	Marks				
	2b	Shows knowledge of two disadvantages of decreased morale and welfare in context	4	Developed analysis of two disadvantages of decreased staff morale and welfare in context	4				
	2a	Shows knowledge of one disadvantage of decreased morale and welfare in context	4	Developed analysis of one disadvantage of decreased staff morale and welfare in context	3				
	1b	Shows knowledge of two disadvantages of decreased morale and welfare	2	Limited analysis of two disadvantages of decreased staff morale and welfare	2				
	1a	Shows knowledge of one disadvantage of decreased morale and welfare	1	Limited analysis of one disadvantage of decreased staff morale and welfare	1				
	0	Ν	lo creditat	ble content					
	Content								
	Knowledge or group a Knowledge	vledge and understand e of morale – the confide t a particular time. e of welfare – a working n the workplace.	ence, enth						
	 Increation Increation Increation Decreation 	ages could include: used labour turnover used recruitment costs used training costs ased efficiency used trade union action.							

Question		Ans	swer		Marks			
2(c)	 AO2 Application Large manufacturer of beds. Strong brand image for quality. Main distribution channel is B2B, but entering the B2C market (becoming more important as online orders are increasing). Old machinery currently used, but proposition to introduce new machinery (at a cost). Increased demand in the market – market is growing rapidly. Increased demand (online) for a wider range of styles – requires retraining. Pressure to reduce prices (and costs). BB uses non-financial motivators. Motivation was good until recently. Efficiency is falling – long hours due to increased demand (but no financial compensation?). AO3 Analysis Disadvantages could include; Increased labour turnover; increase in BB's recruitment costs – may mean that producing beds for the online market, where profit margins are lower, is unprofitable. Increased recruitment costs; increase in BB's FC's – may reduce the impact of the 10% saving of the new machinery and make the business unprofitable. Increased training costs; lowers the ability of BB to compete in the online market – BB cannot take advantage of this growing market. Decreased efficiency; less beds being produced – may mean that BB cannot match the demands of the growing online market and lose market 							
	 share. Increased trade union action; may lead to industrial action – reduce productivity so that BB cannot produce enough to meet the online demand and sales fall. 							
	Accept any reason	able answer						
	Identification of disadvantage (K)	Understanding in context (APP)	Limited analysis (AN)	Developed analysis in context (Dev)				
	Increased labour turnover	Due to workers leaving because of increased workload from online orders	Which increases recruitment costs	And reduces profit margins.				
	Decreased efficiency	From working long hours, without financial compensation, to fulfil the growing market needs	Increases unit costs of the beds	Which increases selling prices.				

Question			Ans	swer			Marks			
2(d)	Recommend whether BB should focus on the producer market (B2B) or the consumer market (B2C). Justify your recommendation.									
	Knowledge and Application (4 marks)	Marks	Annotation	Analysis and Evaluation (7 marks)	Marks	Annotation				
				A justified recommendation based on arguments	7	EVAL + EVAL + EVAL				
				A developed recommendation based on developed arguments	6	EVAL + EVAL				
				A basic recommendation based on developed arguments	5	EVAL				
	Applies context to knowledge of consumer (B2C) and producer (B2B) market	4	APP + APP	Argument based on focusing on both markets in context	4	DEV + DEV				
	Applies context to knowledge of consumer (B2C) or producer (B2B) market	3	АРР	Argument based on focusing on one market in context	3	DEV				

Question			Ans	swer			Marks	
2(d)	Knowledge and Application (4 marks)	Marks	Annotation	Analysis and Evaluation (7 marks)	Marks	Annotation		
	Knowledge of consumer (B2C) and producer (B2B) market	2	× + ×	Limited analysis of focussing on the consumer (B2C) market and limited analysis of focussing on the producer (B2B) market	2	AN + AN		
	Knowledge of consumer (B2C) or producer (B2B) market	1	×	Limited analysis of focussing on the consumer (B2C) market or limited analysis of focussing on the producer (B2B) market	1	AN		
	No c	redita	ble co	ntent				
	Content							
	Importance of brand inSales are likely to be s	er mark user hers ar a con ingle u	ket (B nd thro npetiti units.	ough retailers and online ve market				
	product/service	ess wh [·] busin dded v	o use ess, u alue a	s the product to produce a Inlikely to be through retail Ind durability		r		

Application	Marks
Large manufacturer of beds. Strong brand image for quality. Main distribution channel is B2B, but entering the B2C market (becoming more important as online orders are increasing). Old machinery currently used, but proposition to introduce new machinery (at a cost). Increased demand in the market – B2C market is growing rapidly. Increased demand (online) for a wider range of styles in B2C market – requires retraining and substantial marketing costs. Pressure to reduce prices (and costs) in B2B market. Limited range of styles in B2B market. Demand in B2B market is constant with low marketing costs. BB uses non-financial motivators. Motivation was good until recently. Efficiency is falling. Analysis B2C B2C online sales increasing	
 Hotels want to reduce prices No increase in demand from hotels B2B A constant demand from hotels aids planning Less marketing needed for hotels Limited bed range may increase production as less downtime needed for repurposing machines Evaluation A recommendation about a whether RR should focus on the consumer (B2C) or producer (B2B) market. 	
A (E	recommendation about a whether RR should focus on the consumer