

Cambridge International AS & A Level

BUSINESS
Paper 2 Data Response
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.

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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.

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

1 Components 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.

From this it follows that we:

- **a** 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
- **c** 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 *n* 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.)
- e 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 Presentation 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 Calculation 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.

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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.

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uestion			Answer		Mark	
1(a)(i)	Define the term 'fixed costs' (line 5).					
	Level	Knowled	lge and Application	Marks		
	2	A correct definition		2		
	1	A partial, vague or u	nfocused definition	1		
	0	No creditable conten	t	0		
	A correct o	definition should includ sts do not change	ut changes (in the very short run). le the following elements:			
	A correct o	definition should includ sts do not change output changes.	,	Marks		
	A correct of a cost of a c	definition should included sts do not change output changes. Exemplar sts stay the same business produces	le the following elements:			
	A correct of a cost of a c	definition should included sts do not change output changes. Exemplar sts stay the same business produces	le the following elements:	Marks		
	A correct of a cos as	definition should included sts do not change output changes. Exemplar sts stay the same business produces less.	Rationale Both elements	Marks 2		

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uestion	Answer				
1(a)(ii)	Briefly explain the term 'sole trader' (line 1).				
	Knowledge				
	Understanding of another element of a sole trader, such as: unlimited liability shared legal identity with business no continuity no requirement to produce or make available accounts no shares/shareholders unincorporated likely to be a small business the owner keeps all the profits or bears the losses/risk the owner has full control makes all decisions themselves Example of a sole trader.				
		1			
	Understanding of a that a sole trader is owned by one person. A business in which one person has unlimited liability and, in return				
	A business in which one person has unlimited liability and, in return control of the business and keeps all the profits.	rn, has full			
	A business in which one person has unlimited liability and, in returcontrol of the business and keeps all the profits. Exemplar A sole trader is owned by one person (A) who has unlimited liability (B) and does not need to publish financial accounts	rn, has full Marks			
	A business in which one person has unlimited liability and, in returcontrol of the business and keeps all the profits. Exemplar A sole trader is owned by one person (A) who has unlimited liability (B) and does not need to publish financial accounts (C). A sole trader is owned by a single person (A) and does not	Marks			

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Question	Answer				
1(b)(i)	Calculate the break-even output for packs of apples sold by AF.				
	Rationale	Marks			
	Correct answer with or without correct working or units	3			
	Correct calculation of contribution per unit (must be backed up with working)	2			
	Formula	1			
	No creditable content	0			
	Price - \$1 per pack VC - \$0.50 per pack FC - \$5000 Formula: Fixed Costs Contribution per unit Contribution per unit - Price - Veriable costs (per unit) - \$1, \$0.	50 - ¢0 50			
	Contribution per unit = Price – Variable costs (per unit) = \$1 – \$0. $\frac{$5000}{$0.50} = 10000 \text{ packs}$	50 = \$0.50			

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Question	Answer					
1(b)(ii)	Explain one possible use of break-even analysis to Desi.					
	Level	Knowledge and Application	Marks			
	2 (APP)	Explanation of way a business can use break-even analysis/data in context	3			
	1b (K+K)	Explanation of way a business can use break-even analysis/data	2			
	1a Identification of way a business can use break-even (K) analysis/data		1			
	0	No creditable content	0			
	 Knowledge may include: To plan future production To model 'what if' scenarios (change in price and cost) To make business decisions about production To discover the margin of safety To target a level of profit 					
	• C • S • U • U	n may include: Only one customer – supermarket (B2B) pecialises in one type of apple – may make BE analysis seful lse of numbers (including OFR from Q1bi) recision about future production of apple juice (for exam nachinery cost, modelling costs of organic ingredients, n ackaging costs, etc.)	ple, new			
	ARA					

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Question			Answer			Marks	
1(c)	Analyse <u>one</u> advantage and <u>one</u> disadvantage to AF of leasing the new machinery for producing apple juice.						
	Level	Knowledge and Application (4 marks)	Marks	Analysis (4 marks)	Marks		
	2	Shows understanding of	3–4	Good analysis of one advantage and one disadvantage of leasing as a source of finance in context	4		
		leasing as source of finance in context	3–4	Good analysis of one advantage or one disadvantage of leasing as a source of finance in context	3		
	1	Shows knowledge of leasing as a	1–2	Limited analysis of one advantage and one disadvantage of leasing as a source of finance	2		
		source of finance	1-2	Limited analysis of one advantage or one disadvantage of leasing as a source of finance	1		
	0 No creditable content						
	Ch juic Ma cos De	ce is not successful aintenance is likely to be sts	e covered	herefore less risk if the by leasing agreement, chine on a regular basis	so lower		
	Mo exp Ma No stu wh	pensive) achinery would not be a resale value if the app ack with a contract to m	n asset to le juice is ake lease	un (after 2½ years it wil the business – only a on not successful - Desi mayments for a year or he might be able to se	cost night be more,		

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Question		Ans	swer		Marks		
1(d)	Evaluate the importance of appropriate packaging for the new apple juice.						
	Knowledge and Application (4 marks)	Marks	Analysis and Evaluation (7 marks)	Marks			
			Justified evaluation about the importance of appropriate packaging based on arguments in context	7			
			Developed evaluation about the importance of appropriate packaging based on arguments in context	6			
			An evaluative statement about the importance of appropriate packaging based on arguments in context	5			
	Shows understanding of	2.4	Two arguments based on appropriate packaging in context	4			
	the role of packaging in context	3–4	One argument based on appropriate packaging in context	3			
	Shows knowledge of the	1–2	Two pieces of limited analysis of appropriate packaging	2			
	role of packaging	1-2	One piece of limited analysis of appropriate packaging	1			
		No credita	ble content				
	 Knowledge may include: Packaging as a marketing tool; USP, promotion, product description etc. Packaging as an operations tool (i.e. fit for purpose); quality, reduce damage etc. Packaging as part of logistics; transportation, storage, etc. 						

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Question	Answer	Marks
1(d)	 Application may include: Edible product, relatively short shelf-life Objective to create product differentiation Organic product with no added chemicals Supermarket insisting on strength of packaging for transportation Sold in multiple branches of the supermarket. Arguments may include: Important to promote the product, especially as it is a new product to the market. Important to promote the USP of the product as being organic and no added chemicals and preservatives Important to make sure the product is protected in transport – will Desi be responsible for any wastage? 	
	There may be legal requirements to put certain information on the packaging	
	 However: There may be more important aspects to the product, such as taste and placement in the supermarket – will the packaging matter if the product is not on show enough Is the packaging more about function than promotion – will consumers care if the outside looks good? 	
	 Evaluation may include: A judgement over the level of importance of appropriate packaging (compared to other issues) A judgement over which argument is most important when considering the appropriate packaging An evaluation of the level of importance What the judgement/evaluation might depend upon. 	
	ARA	

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estion			Answer		Mar	
2(a)(i)	Define the term 'Unique Selling Point' (line 8).					
	Level	Knowledge and Application				
	2	A correct definition		2		
	1	A partial, vague or un	focused definition	1		
	0	No creditable content		0		
	A correct o	s' products, e.g. lower lefinition should include special, distinct, differe	pusiness that differentiates it for price, extra features, lower fat the following elements: ent element of a product and/o	t		
	A correct of a m	s' products, e.g. lower definition should include special, distinct, differe arketing	price, extra features, lower fate the following elements:	t or its		
	A correct of a method and a method a me	s' products, e.g. lower lefinition should include special, distinct, differe arketing at differentiates it from Exemplar something that product different from	price, extra features, lower fate the following elements: ent element of a product and/of the competition / other product	t or its cts.		
	A correct of a model of the competitor. A correct of a model of the competitor. A USP is makes a the competitor.	s' products, e.g. lower lefinition should include special, distinct, differe arketing at differentiates it from Exemplar something that product different from	price, extra features, lower fate the following elements: ent element of a product and/or the competition / other product Rationale	t or its cts. Marks		

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Question	Answer					
2(a)(ii)	Briefly explain the term 'customer orientated' (line 6).					
	Knowledge	Marks				
	C Example or some other way of showing good understanding, such as that it is the opposite of product orientation.	1				
	B Understanding that the focus is on the needs/wants of the purchaser/consumer/market.	1				
	A Knowledge that customer orientation is about the marketing/marketing mix of a business.	1				
	Putting the satisfaction of the customers' needs at the heart of the marketing process. Opposite of product orientation where the firm places the features of the product at the centre. May be based on market research to find out customer needs.					
	ARA					
2(b)(i)	Calculate the labour turnover for the Night Team.					
	Rationale	Marks				
	Correct answer with or without correct working or %	3				
	Use of correct calculation	2				
	Formula or correct figures	1				
	No creditable content	0				
	Workers who left = 4 Total workers in team = 16					
	Formula:					
	Number of workers who left Total number of workers					
	$\frac{4}{16} \times 100 = 25 (\%)$					

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Question	Answer					
2(b)(ii)	Explain one problem for DC of high labour turnover.					
	Level	Knowledge and Application	Marks			
	2 (APP)	Explanation of problem of high labour turnover in context	3			
	1b (K+K)	Explanation of problem of high labour turnover	2			
	1a Identification of problem of high labour turnover (K)		1			
	0	No creditable content	0			
	Application T Application T D H	e may include: Recruitment costs raining costs oss of skills and expertise raining costs osr of skills and expertise raining costs osr of skills and expertise raining costs raining costs osr of skills and expertise raining costs raining cos	, , , ,			
	ARA					

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Question			Answer			Marks	
2(c)	Analyse two disadvantages to DC of being a small business.						
	Level	Knowledge and Application (4 marks)	Marks	Analysis (4 marks)	Marks		
	2	Shows understanding of		Good analysis of two disadvantages of being a small business in context	4		
		small businesses in context	3–4	Good analysis of one disadvantage of being a small business in context	3		
	1	Shows knowledge	4.0	Limited analysis of two disadvantages of being a small business	2		
		of small businesses	1–2	Limited analysis of one disadvantage of being a small business	1		
	0	1	No credita	ble content			
	• M • F • T	e may include: leasurements of busine amily businesses he role of small busines he role of small busines	sses in the	•	ure		
	• R p	n may include: Restaurant (secondary a roduced) and chips One shop in a busy towr lighly competitive marke oyal repeat customers Customer orientated two teams (Afternoon and Ise of data from Table 1 ligh absenteeism and h	n, owned a et nd Night) - 1, linked to	and managed by Kate - no swapping teams o size/flexibility	(ethically		

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Question	Answer	Marks
2(c)	 Analysis may include: Costs may be higher due to not gaining economies of scale (but not diseconomies of scale) May not be able to compete with promotion of bigger chains Prices are likely to have to be higher than competition Very risky – all risk in one market Kate may not have access to enough sources of finance Kate may lack expertise needed in some areas of the business and not be able to employ specialists 	

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Question		Ans	swer		Marks
2(d)	Discuss ways in which DC could solve the motivation problems in the Night Team.				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 two ways in which DC could solve the motivation problems in the Night Team.	4	Argument based on two ways in which DC could solve the motivation problems in the night team	4	
	Shows understanding of one way in which DC could solve the motivation problems in the Night Team.	3	Argument based on one way in which DC could solve the motivation problems in the night team	3	
	Shows knowledge of motivation	1–2	Limited analysis of two ways to solve motivation problems	2	
			Limited analysis of one way to solve motivation problems	1	
	No creditable content				
	Knowledge may include:	i	ce (financial and non-financi	al)	

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Question	Answer	Marks
2(d)	Application may include: Restaurant (secondary and tertiary) serving fried chicken (ethically produced) and chips Customer orientated Two teams (Afternoon and Night) – No swapping teams Use of data from Table 1, linked to labour turnover / conditions of work / pressure of work High absenteeism and high labour turnover Autocratic leadership of Bill, the team leader Arguments may include: Bill's autocratic leadership style – could be demotivating to Night Team workers who want more of a say in their workplace. Links to Maslow and Herzberg. Solutions – training Bill, new team leader, job rotation/enlargement, other forms of worker motivation etc. Unsociable hours – the Night Team work evenings until early morning, this can affect sleep patterns and family life. Link to other theorists. Solutions – change hours, other forms of motivation etc. Same pay as Afternoon Team but worse hours (and probably conditions). Change remuneration, non-financial motivation methods, etc. Night Team serve 100% more customers on average per hour than Afternoon Team but only 60% more workers in team – this could mean the Night Team is overworked – again link to theorists. Evaluation may include: A judgement over the best way to solve the motivation problems in the Night Team Evaluation of ways to solve the motivation problems in the Night Team What the choice of method(s) may depend upon Evaluation of the relative advantages/disadvantages of proposed methods in the given context.	
	ARA	

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