

Cambridge IGCSE™

BUSINESS STUDIES

Paper 2 Case Study MARK SCHEME Maximum Mark: 80 0450/23 May/June 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)

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	om 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 <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	Iculation 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.

Annotation	Description	Use
Tick	Tick	Indicates a point which is relevant and rewardable (used in part (a) questions).
Cross	Cross	Indicates a point which is inaccurate/irrelevant and not rewardable.
BOD	Benefit of doubt	Used when the benefit of the doubt is given in order to reward a response.
TV	Too vague	Used when parts of the answer are considered to be too vague.
REP	Repetition	Indicates where content has been repeated.
NAQ	Not answered question	Used when the answer or parts of the answer are not answering the question asked.
APP	Application	Indicates appropriate reference to the information in the context.
OFR	Own figure rule	If a mistake is made in a calculation, and the incorrect figure that results from the mistake is used for subsequent calculations.
SEEN	Noted but no credit given	Indicates that content has been recognised but not rewarded.
L1	Level 1	Used in part (b) questions to indicate where a response includes limited knowledge and understanding.
L2	Level 2	Used in part (b) questions to indicate where a response has a more detailed discussion and contains some evidence of justification.
L3	Level 3	Used in part (b) questions to indicate where a response includes a well-justified recommendation.

0450/7115/0086 Business Studies – Paper 2 Annotations

Question	Answer	Marks
1(a)	Explain <u>two</u> leadership styles that the Managing Director of BB may use.	8
	Award 1 mark for each correct leadership style identified (maximum 2).	
	Award a maximum of 3 additional marks for each leadership style identified – one of which must be applied to this context .	
	 Leadership styles identified could be: Autocratic Democratic Laissez-faire 	
	For example: Laissez-faire (1) The broad objectives are provided by the Managing Director, but the store managers (app) are left to make the individual decisions in the running of each store. (1) This could mean that each store is managed differently and there is not a consistent approach (1).	
	Application could include: sandwich shops; ready-made/made-to-order sandwiches; low motivation; store manager; 21 store employees; drive-through; shop managers overworked; limited promotion opportunities; expansion/takeover; minimum wage; business customers pay at end of month; 40% business customers; cash paid for food ingredients.	

Question		Answer		Marks
1(b)	three method • Intro • Pro	the advantages and disadvantages to BB of using the fo ethods to motivate the shop employees. Recommend wh BB should use. Justify your answer. oduce job rotation vide opportunities for promotion rease wages	-	12
	Level	Description	Marks	
	3	Sound application of knowledge and understanding of relevant business concepts using appropriate terminology.	9–12	
		Detailed discussion of two or more methods.		
		Well-justified recommendation.		
		Candidates discussing all three methods in detail, in context and with a well-justified recommendation including why the alternative methods are rejected should be rewarded with the top marks in the band.		
	2	Sound application of knowledge and understanding of relevant business concepts using appropriate terminology.	5–8	
		Detailed discussion of at least one method.		
		Judgement with some justification / some evaluation of choices made.		
		Candidates discussing two or more methods in detail and applying them to the case should be rewarded with the top marks in the band.		
	1	Limited application of knowledge and understanding of relevant business concepts.	1–4	
		Limited ability to discuss methods with little/no explanation.		
		Simple judgement with limited justification / limited evaluation of choices made.		
		Candidates outlining all three methods in context should be rewarded with top marks in the band.		
	0	No creditable response.	0	

Question		Answer		Marks
Question 1(b)	Relevant points mig		Disadvantages Tasks are still low skill level and do not increase levels of responsibility All tasks are repetitive and so employees may still become bored It may not reduce the	Marks
		 tasks if an employee is absent Helps managers to identify which tasks employees are best at Allows employees an opportunity to move up Maslow's hierarchy and offers access to higher levels of motivation 	labour turnover in BB if low pay is the main factor to low motivation	
	Provide opportunities for promotion	 Employee feels valued and recognised by the shop managers and so will work harder Employee knows how the sandwich shop works and so can use their knowledge to improve the business 	 It would be expensive to provide training to shop employees to become newly appointed deputy managers It may be demotivating to the shop employees who do not receive the promotion so may increase absenteeism/labour turnover 	

Question		Answer		Marks
1(b)		Advantages	Disadvantages	
	Increase wages	 Shop employees feel that they could be better rewarded for their work as they are paid above the minimum wage It is an easy system to implement, everyone will receive the pay increase 	 Increases the costs of the sandwich shop Higher wages could make the poor cash flow position of the business worse Some employees may think it is unfair if they do more work than others, the employees who do not work as hard should not get the pay increase 	
	Recommendation	 which could reduce labsing some variety. This is similation than changing the organised of the orga	educe the level of boredom our turnover. It would offer mpler for BB to introduce nisational structure as new tions may need to be ortunities for promotion and creasing wages as wages a. for promotion is best uty managers are promoted s this would increase shop ities and it would help of the shop managers and re efficient. It would ommand, but this would ems with communication. st because it may reduce ver as employees would n line with competitor ce the recruitment costs he longer term possibly	

Question	Answer	Marks
2(a)	Explain four business objectives that BB might have.	8
	Award 1 mark for each relevant objective (maximum of four objectives).	
	Award a maximum of 1 additional mark for each explanation of the objective which must be applied to this context.	
	 Relevant objectives might include: Growth/increase sales revenue – BB is planning to grow by possibly opening a new store Increased market share/customer loyalty – as BB wants to expand in one of the cities Profit – to help convince the bank to give the long-term loan Survival – as it operates in a competitive environment Return for shareholders – as it is a private limited company Provide a service to the community – unused sandwiches could be donated to those on low incomes at the end of the day For example: Growth (1) BB is planning to expand by taking over a competitor store (app). Application could include: sandwich shops; ready-made/made-to-order sandwiches; low motivation; store manager; 21 store employees; drive- 	
	through; shop managers overworked; limited promotion opportunities; expansion/takeover; minimum wage; business customers pay at end of month; 40% business customers; cash paid for food ingredients.	

Question			Marks	
2(b)	Recomr	ppendix 2, consider the <u>two</u> locations for the replacemer nend which location would be most suitable for BB's ment shop. Justify your answer.	nt shop.	12
	Level	Description	Marks	
	3	Sound application of knowledge and understanding of relevant business concepts using appropriate terminology.	9–12	
		Detailed discussion of both locations.		
		Well-justified recommendation.		
		Candidates discussing both locations in detail, in context and with a well-justified recommendation including why the alternative location is rejected should be rewarded with the top marks in the band.		
	2	Sound application of knowledge and understanding of relevant business concepts using appropriate terminology.	5–8	
		Detailed discussion of at least one location.		
		Judgement with some justification / some evaluation of choices made.		
		Candidates discussing one location in detail and applying it to the case should be rewarded with the top marks in the band.		
	1	Limited application of knowledge and understanding of relevant business concepts.	1—4	
		Limited ability to discuss locations with little/no explanation.		
		Simple judgement with limited justification / limited evaluation of choices made.		
		Candidates outlining both locations in context should be rewarded with top marks in the band.		
	0	No creditable response.	0	

Question		Answer	Marks
2(b)	Relevant points migh	nt include:	
	Location A	 Near to the cinema/bus station – this will mean a potential increase of people passing the sandwich shop and therefore more customers Located in the city centre – has a high number of business customers from the offices in this location so more revenue as increased number of customers Competitor businesses located nearby – may lose customers to cafe/supermarket located nearby therefore fewer sales as sandwiches may be better City centre location will have higher business taxes. Rent is also higher – overall it is \$10 000 more expensive than location B each year 	
	Location B	 Parking available – better if wanting to have a drive-through service as cars have easy access Close to customers using the shopping centre Annual rent is \$8000 less than location A Shopping centre has lower taxes \$200 – this will reduce the fixed costs of BB 	
	Recommendation	 I think location A is most suitable because it is likely to have a high number of business customers from the offices behind location A and also has the benefit of being opposite the bus station. Even though the annual rent is higher it has the potential to generate greater revenue than location B which in the long-term could lead to higher profit. I think location B is most suitable because it costs less than location A by \$10 000. The current difference between BB and its competitors is a drive-through service, location B would be more likely to allow this model to be used in the new shop than location A which has no parking nearby. 	

Question	Answer	Marks
3(a)	Explain <u>four</u> ways to measure the size of a business.	8
	Award 1 mark for each relevant way (maximum of four ways).	
	Award a maximum of 1 additional mark for each explanation of a relevant way to measure the size of a business.	
	 Relevant ways might include: Number of people employed Value of output/sales Number of outlets/shops Value of capital employed Market share 	
	For example: By the number of people employed in the business (1) which will be high if it is a labour-intensive business. (1)	

Question		Answer		Marks
3(b)	growth. suitable • Ope	ppendix 3 and other information, consider the <u>two</u> option Which option should BB choose? Justify your answer us calculations. en a new shop e over a competitor's shop		12
	Level	Description	Marks	
	3	Sound application of knowledge and understanding of relevant business concepts using appropriate terminology.	9–12	
		Detailed discussion of both options.		
		Well-justified recommendation.		
		Candidates discussing both options in detail, in context and with a well-justified recommendation including why the alternative option is rejected should be rewarded with the top marks in the band.		
	2	Sound application of knowledge and understanding of relevant business concepts using appropriate terminology.	5–8	
		Detailed discussion of at least one option.		
		Judgement with some justification / some evaluation of choices made.		
		Candidates discussing one option in detail and applying it to the case should be rewarded with the top marks in the band.		
	1	Limited application of knowledge and understanding of relevant business concepts.	1–4	
		Limited ability to discuss options with little/no explanation.		
		Simple judgement with limited justification / limited evaluation of choices made.		
		Candidates outlining both options in context should be rewarded with top marks in the band.		
	0	No creditable response.	0	

Question		Answer		Marks
3(b)	Relevant points migh Option 1 – Open a new shop		 Disadvantages Profit of \$12 000 is lower than option 2 Can be a slower method of growth – it can take a while for the sandwich shop to be known and build a reputation in the area Starting a new business in a new 	Marks
		 the business will be set up with existing structure The organisational structure - would be relatively easy to add another shop manager Fixed costs are \$11 000 per month lower - reduces expenses - may help to improve the monthly cash flow position 	 area has a higher risk of failure Marketing costs might be higher to promote the new shop Lower contribution per unit because of lower price 	
	Option 2 – Take over a competitor's shop	 Makes a profit of \$18 000 Revenue is \$78 000 per month which is \$34 000 higher than option 1 Horizontal integration – reduces the number of competitors in the area An established customer base Average price per sandwich is \$1 higher than option 1 	 Break-even output is higher than option 1 at 14 000 units per month May not allow for differentiation as no drive-through service so this will need to be added and incur costs if BB is to maintain its advantage over competitors Taking over another business may be a problem if the way it operates is very different to how BB operates 	

Question	Answer		
3(b)	Recommendation	 Buying a new shop is the better option as it would allow BB to continue to offer a drive-through service which is different to its competitors. There is less risk as the break-even output is 4000 units lower than option 2. Internal growth would allow the new shop to be run and managed using the existing organisational structure which would avoid potential conflict. Taking over a competing sandwich shop would be better as it is forecast to make \$6000 higher profit with lower risk as the business is well known and has an established customer base. 	

Question	Answer	Marks
4(a)	Explain <u>two</u> possible reasons why BB might have cash-flow problems.	
	Award 1 mark for each relevant reason (maximum 2 reasons).	
	Award a maximum of 3 additional marks for each explanation of the reasons why BB might have cash-flow problems – one of which must be applied to this context .	
	 Relevant reasons might include: High levels of credit sales – 40% of sales are on credit. This means cash has left the business to pay for raw materials but there is a delay in receiving cash in from business customers No trade credit – cash leaves the business immediately when food ingredients are delivered from the suppliers If the costs of expansion are higher than forecast this will lead to higher cash outflows/repayment of the interest on the loan – expansion may take a long time to increase cash inflows Poor management decisions as store managers are overworked – they don't have time to look for the best deal to try and reduce the cash outflows / mistakes are made when preparing an order which means that sandwiches have to be made again 	
	For example: BB has high levels of credit sales (1) the company currently allows business customers to pay at the end of the month (app). The business has to buy all the ingredients for the sandwiches in advance but does not receive any income for up to one month later (1). This means that there is a delay between cash paid out to suppliers and cash being received from the customers (1).	
	Application could include: sandwich shops; ready-made/made-to-order sandwiches; low motivation; store manager; 21 store employees; drive-through; shop managers overworked; limited promotion opportunities; expansion/takeover; minimum wage; business customers pay at end of month; 40% business customers; cash paid for food ingredients.	

Question		Answer				
4(b)	 Consider how the following two changes could affect BB's marketing. Which change is likely to have the most effect on BB's marketing? Justify your answer. Customers are becoming more health conscious More people are working from home instead of in offices 					
	Level	Description	Marks			
	2	Sound application of knowledge and understanding of relevant business concepts using appropriate terminology. Detailed discussion of both changes. Well-justified conclusion. Candidates discussing both changes in detail, in context and with a well-justified conclusion including why the alternative change is rejected, should be rewarded with the top marks in the band. Sound application of knowledge and understanding of relevant business concepts using appropriate terminology. Detailed discussion of at least one change. Judgement with some justification / some evaluation of choices made.	9–12			
	1	Candidates discussing at least one change in detail and applying it to the case should be rewarded with the top marks in the band. Limited application of knowledge and understanding of	1-4			
		 Limited application of knowledge and anderstanding of relevant business concepts. Limited ability to discuss changes with little/no explanation. Simple judgement with limited justification / limited evaluation of choices made. Candidates outlining both changes in context should be rewarded with top marks in the band. 				
	0	No creditable response.	0			

Question	Answer		Marks
4(b)	Relevant points might include:		
	Customers are becoming more health conscious	 sandwiches and salad bowls – takes time to develop a new menu – increases costs to print new menus for the store Change of menu may result in needing to change suppliers – may need new sandwich fillings that current supplier can't provide – these could be more expensive – increase variable costs If BB charges higher prices for the healthy options – this could increase revenue 	
	More people working from home instead of in offices	method for the sandwiches could be leaflets to local houses Creates new opportunities – BB could start home delivery service as well as office delivery service – this increases the methods of distribution	
	Conclusion •	Consumers becoming more health conscious will have the most effect on BB's marketing. Changing the menu and method of promotion will be essential. BB may also have to increase prices to cover the cost of healthier ingredients. However, customers may be willing to pay higher prices and the new menu could attract new customers. Whereas the increased number of people working from home will not need any change to the menu or method of promotion, and BB already has a delivery service. BB already deliver to business customers so they are already set up for delivery they will need to change the method of promotion and improve the packaging as well as extending the delivery service to a wider range of customers so the impact on marketing would be greater.	