

Cambridge International Examinations

Cambridge International General Certificate of Secondary Education

BUSINESS STUDIES 0450/23

Paper 2 Case Study May/June 2017

MARK SCHEME
Maximum Mark: 80

Published

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Question	Answer				
1(a)	Identify and explain <u>two</u> types of tertiary businesses which provide services that SC is likely to use.	8			
	Knowledge [2 × 1] – award one mark for each relevant type of tertiary business				
	Analysis [2 × 1] – award one mark for a relevant explanation for each type of tertiary business				
	Application [2 × 2] – award two application marks for each type of tertiary business				
	Award one mark for each relevant example of a tertiary business (maximum of two), such as:				
	 Bank Telephone company Insurance company Car showrooms/garage Railway Advertising agency Award a maximum of three additional marks for each explanation – 2 of which must be applied to this context – of each type of tertiary business. Indicative response: An advertising agency (k) might be used to produce an advert for the cars (app). The agency will employ experts in advertising and they will be able to produce a much more effective advert than if SC tried to do this themselves (an). This will help SC to expand the business and increase the sales of its cars abroad (app).				
	Possible application marks: Public limited company; producing cars; 25 years in country M; uses flow production; modern technology such as robots; good reputation important; technology keeps business efficient and competitive; 300 workers on production line; want to expand; starting to export cars to nearby countries.				
	There may be other examples in context that have not been included here.				

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Question	Answer				
1(b)	Consider how each of the <u>three</u> following changes might affect sales of SC's products. Which change is likely to have the biggest effect on sales? Justify your answer.				
	Relevant points might include:				
	Decrease in interest rates		Bank loans cheaper for business – cheaper to invest in capital – increase efficiency – lower costs so increase sales. Consumers more likely to borrow bank loan to buy new car – increase sales.		
	Increase in prices	petrol	Increase cost of driving – lower sales – consumers buy more economical cars instead of SC cars – lower demand.		
	New legal control to reduce pollution by limiting use of private cars for several days each week		Cars used less – lower mileage – replaced less often – reduced sales of SC cars.		
	Knowledge/Analysis/Evaluation – award up to 10 marks using the levels-based mark scheme below.				
		Knowledge	Analysis/ Evaluation		
	Level 3		× Level 2 + ks for well justified conclusion of the most important and why it might affect sales more than the other two		
			for limited conclusion of most important change and affect sales.		
	Level 2	4–6 marks Detailed dis	scussion of the effects of each change.		
	Level 1	1–3 marks Outline of t	he effects of each change.		
	Level 1 – 1 m prices leads t		L1 statement (max of 3 marks) e.g. Increased petrol toring costs.		
	awarded for e prices leads to lead to lower depends on v	each addition to higher mot sales of new whether the c	on can gain 4 marks and a further mark can be hal L2 explanation (max 6 marks) e.g. Increased petrol toring costs and so people use cars less so that may cars and lower demand for SC cars. However, it cars are more efficient in their use of petrol – if so then demand for SC cars. (L2 plus app for considering cars.)		
	awarded and	then a concl	arded there needs to be at least two L2 marks lusion which justifies which is the most important affect sales more than the other two changes.		

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Question	Answer	Marks
	Award up to 2 additional marks for relevant application.	
	Possible application marks:	
	Public limited company; producing cars; modern technology such as robots; each car has exact requirements of the customer; good reputation important; technology keeps business efficient and competitive; want to expand; starting to export cars to nearby countries.	
	There may be other examples in context that have not been included here.	

Question	Answer	Marks
2(a)	Identify and explain two reasons why SC employees might want to join a trade union	8
	Knowledge [2 × 1] – award one mark for each relevant reason Analysis [2 × 1] – award one mark for a relevant explanation for each reason	
	Application [2 × 2] – award two application marks for each reason	
	Award one mark for each relevant reason (maximum of two), such as:	
	 Strength in numbers To gain protection from unfair work practices To gain a wage increase 	
	Award a maximum of three additional marks for each explanation – 2 of which must be applied to this context – of the reason.	
	Indicative response: The workers at SC have complained about poor working conditions (app) and therefore want to join a trade union to give them strength in numbers (k). If they all get together and are represented by a trade union to urge the directors to improve their workplace then they are likely to be more successful than if they are on their own (an). 300 production workers are a lot of people to stand together and are more likely to get what they want (app).	
	Possible application marks:	
	Producing cars; uses flow production; modern technology such as robots; good reputation important; technology keeps business efficient and competitive; 300 workers on production line; two shifts each day; early/late shift of 8 hours; 6-day week; few holidays; workers complain working conditions not good; want to expand; starting to export cars to nearby countries.	
	There may be other examples in context that have not been included here.	

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Question	Answer					
2(b)	Explain the following three factors SC will have to consider when marketing its products in foreign markets. Which factor do you think is the most important to achieve high export sales? Justify your answer.					
	Relevant points might include:					
	Factor					
	Competiti	ion	Number of other businesses selling cars in the overseas market – how price competitive these businesses are- is the target market the same.			
	Consume	er needs	Need to ensure the product meets the taste for local customers – sales may fail. Expensive if need to change the product to meet local needs May need a joint venture – share profit.			
	Channel	of distribution	May need to sell through different outlets than home country – less familiar with culture/buying habits.			
	Knowledge/Analysis/Evaluation – award up to 10 marks using the levels-based mark scheme below.					
		Knowledge/A	nalysis/ Evaluation			
	Level 3		Level 2 + for well justified conclusion as to most important factor high export sales and why the other factors are less			
			or some limited judgement shown in conclusion as to antifactor to achieve high export sales.			
	4–6 marks Level 2 Detailed discussion of each factor affecting sales in the export market.	sussion of each factor affecting sales in the export				
	Level 1	1–3 marks Outline of ea	ch factor affecting sales in the export market.			
			n L1 statement (max of 3 marks) e.g. If there are a large ses selling cars then the market will be competitive.			
	awarded for large numb competitive new marke	or each addition oer of other but e. This might n ot. Sales may b	tion can gain 4 marks and a further mark can be nal L2 explanation (max 6 marks) e.g. If there are a sinesses selling cars then the market will be nake it more difficult for SC to get established in this be lower and prices and profit margins may have to be tablished in the new market. (L2)			

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Question	Answer	Marks
	Level 3 – For L3 to be awarded there needs to be at least two L2 marks awarded and then a conclusion as to which is the most important factor to achieve high export sales, and why the other factors are less important.	
	Award up to 2 additional marks for relevant application.	
	Possible application marks:	
	Public limited company; producing cars; uses flow production; modern technology such as robots; each car has exact requirements of the customer; bar code cars; one car: black paint/2 doors – next car: red paint/4 doors; quality control; good reputation important; technology keeps business efficient and competitive; want to expand.	
	There may be other examples in context that have not been included here.	

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Question	Answer	Marks				
3(a)	Identify and explain <u>one</u> advantage and <u>one</u> disadvantage of making each product to the exact requirements of the customer.	8				
	Knowledge [2 × 1] – award one mark for each relevant advantage /disadvantage					
	Analysis [2 × 1] – award one mark for a relevant explanation for each advantage/disadvantage					
	Application [2 × 2] – award two application marks for each advantage /disadvantage					
	Award one mark for each relevant advantage/disadvantage (maximum of one each), such as:					
	Advantage: • Meets specific needs of customers – more likely to make purchase • Increased reputation – improved brand image					
	Disadvantage: Expensive to set up – purchase relevant equipment Needs tracking system to ensure correct order – more difficult to read if the order is correct as the details are on the bar code					
	Award a maximum of three additional marks for each explanation – 2 of which must be applied to this context – of the advantage/disadvantage.					
	Indicative response: If the car meets the specific requirements of the customer (app) they are more likely to buy it (k). This should lead to increased sales (an) and SC will be able to expand and export to more markets abroad (app).					
	Possible application marks:					
	Public limited company; producing cars; uses flow production; modern technology such as robots; bar code cars; one car: black paint/2 doors - next car: red paint/4 doors; quality control; good reputation important; technology keeps business efficient and competitive; 300 workers on production line; want to expand; starting to export cars to nearby countries.					
	There may be other examples in context that have not been included here.					

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Question	Answer				
3(b)	Consider the advantages and disadvantages of two methods SC could use to ensure the quality of its products. Recommend the best method for SC to use. Justify your answer.				
	Relevant points might include: Method Advantages Disadvantages				
	Quality control	Tries to eliminate faults and errors before the customer receives it. Less training required.	Expensive as pay employees to check products. Identifies fault but not cause of fault so difficult to remove increased costs if products scrapped/repaired.		
	Quality assurance	Tries to eliminate faults and errors before the customer receives it. Fewer customer complaints Reduced costs as products not faulty or scrapped.	Expensive to train employees to check the product. Relies on employees following instructions of standards set.		
	Knowledge/A				
	Level 3	At least 2 × Level 2 + 9–10 marks for well justified recomethod to choose compared to	ommendation as to the best the other method.		
		7–8 marks for some limited judg recommendation as to the best			
	Level 2	4–6 marks Discussion of advantages and/o method.	r disadvantages of each		
	Level 1	1–3 marks Outline of advantages and/or dis	sadvantages of each method.		
		eark for each L1 statement (max o ate faults before the customer rec	, , , ,		
	awarded for e tries to elimin end of the pro that it has no production lin	faults, or this can be on a sample e. However, this can be expensive	ex 6 marks) e.g. Quality control eives the product. This is at the s are made on each car to ensure of the cars coming off the		

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Question	Answer	Marks
	Level 3 – For L3 to be awarded there needs to be at least two L2 marks awarded and then a recommendation which justifies which is the best method to choose.	
	Award up to 2 additional marks for relevant application.	
	Possible application marks:	
	Public limited company; uses flow production; modern technology such as robots; each car has exact requirements of the customer; already uses quality control; good reputation important; technology keeps business efficient and competitive; 300 workers on production line; want to expand; starting to export cars to nearby countries.	
	There may be other examples in context that have not been included here.	

Question	Answer	Marks
4(a)	Identify four methods SC could use to communicate with its stakeholders. Explain an example of when it could be used for each method.	8
	Knowledge $[4 \times 1]$ – award one mark for each method Application $[4 \times 1]$ – award one application mark for each example of when each method could be used	
	Award one mark for each method (maximum of four): Letter Email Text message/SMS Advertisement/poster Memo Telephone Noticeboard	
	Award one application mark for each method in context of when it could be used.	
	Indicative response: Noticeboard (k) could be used when managers want to communicate with the production workers about new health and safety procedures (app).	
	Possible application marks:	
	Public limited company; producing cars; uses flow production; quality control; good reputation important; technology keeps business efficient and competitive; 300 workers on production line; two shifts each day; early/late shift of 8 hours; workers complain working conditions not good; want to expand; starting to export cars to nearby countries.	
	There may be other examples in context that have not been included here.	

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Question		Answer					Marks	
4(b)		ou r	ecommend a _l		ofitability of SC for b areholder to buy sha		12	
	Relevant points might include:							
	2015 2016							
	GPM GP = \$40m (L1) 20%(L2) GP= \$40m(L1) 16							
	NPM	NP:	= \$10m (L1)	5%(L2)	NP = \$10m (L1)	4% (L2)		
	ROCE			25% (L2)		20% (L2)		
	Knowled mark sch			tion – award	l up to 10 marks using	the levels-based		
			Knowledge/Ar	nalysis/ Eval	uation			
	At least 2 × Level 2 + 9–10 marks for well justified recommendation as to whether or not to buy shares in SC.							
			7–8 marks for as to whether		d judgement shown ir es in SC.	recommendation		
	Level	2	4–6 marks Profitability ra	tios correctly	/ calculated.			
	Level	1	1–3 marks Outline of the	information	in Appendix 2.			
	stayed th	ne sa	me at \$10m.		(max of 3 marks) e.g.	·		
	awarded	for e	•	L2 explanat	marks and a further m tion (max 6 marks) e.g			
	Level 3 – For L3 to be awarded there needs to be at least two L2 marks awarded and then a recommendation which justifies whether or not to buy shares in SC.							
	Award up to 2 additional marks for relevant application.							
	Possible application marks:							
	Public limited company; producing cars; 25 years in country M; modern technology such as robots; good reputation important; technology keeps business efficient and competitive; 300 workers on production line; want to expand; starting to export cars to nearby countries.							
	There may be other examples in context that have not been included here.							

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