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BUSINESS 9609/23

Paper 2 Data Response

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MARK SCHEME
Maximum Mark: 60

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[Turn over

Question	Answer					
1(a)(i)	Define the term 'industrial market'.					
		Knowledge and Application	Marks			
	A	correct definition	2			
	Αŗ	partially correct definition	1			
	No creditable content 0					
1(a)(ii)	A correct definition should cover both of the following: An explanation of market(s) – sales, trade etc An explanation of industrial – to another business, used in the production process, purchased to change or resale When a business sells (1) to another business (1)					
1(a)(ii)	Briefly explain the term 'lead time'.					
		ard one mark for each point of explanation:				
	С	Example or some other way of showing good understanding	1 mark			
	В	To delivery/finishing production	1 mark			
	Α	Time from ordering/starting production	1 mark			
	Lea	d time is the time between the start and a finish of a process.				
	Lea (B)	wers could include: d time is the length of time it takes for a firm to receive an order after it has been ordered (A). For example if a firm orders stock sday and it arrives on Friday, the lead time is three days (C).				

© UCLES 2017 Page 2 of 10

Question		Answer		Marks			
1(b)(i)	Refer to Table 1. Calculate the profit that JS would make on the supermarket order.						
	Rationale		Marks				
	Correct calculation of the profit (with or without \$ and with or without correct working) 3 marks						
		a (can be implied by the use of figures) and tion of two appropriate figures	2 marks				
	Correct formul TC per unit)	a or correct calculation of one figure (TVC, TFC,	1 mark				
	No creditable of	content	0 marks				
	Formula:						
	Total revenue –	total costs					
		\$1000 total variable costs					
	\$1000 + \$500 = Total costs = \$2	s \$1500 total fixed costs 2500					
	Total revenue =	\$2750					
	\$2750 - \$2500 = \$250						
	Profit = \$250						
1(b)(ii)	Explain one possible problem of allocating fixed costs for JS.						
	Level	Knowledge and Application	Marks				
	2b APP+ APP	Explanation of one problem of allocating fixed costs in context	3				
	2a APP	Identification of one problem of allocating fixed costs in context	2				
	1 K	Identification of one problem of allocating fixed costs – no context	1				
	0	No creditable content	0				
	Fixed costs do not change as output changes: These costs may not be directly attributable to the production process and therefore it may be difficult to know which administrative and other fixed costs are due to the supermarket order. Would these costs be paid even if the supermarket order is not taken? – If so it may not be appropriate to allocate them to the supermarket order. The allocation of these costs may make the supermarket order appear less profitable and lead JS to make a poor decision. A problem of allocating fixed costs may be to do with the calculation or forecasting of those fixed costs						

© UCLES 2017 Page 3 of 10

Question			Answe	r		Marks
1(c)	Analyse <u>two</u> advantages to JS of using CAD.					
	Level	Knowledge and Application (4 marks)	Marks	Analysis (4 marks)	Marks	
		Shows understanding of using CAD in context	3–4	Good analysis of two advantages of using CAD in context	4	
	2			Good analysis of one advantage of using CAD in context	3	
	1	Shows knowledge of the use of CAD	1–2	Limited analysis of two advantages of using CAD	2	
	1			Limited analysis of one advantage of using CAD	1	
	Answers Flex cus sen time Acc the Rec Eas It m can Ten	analysis in context: Marks so could include: Axibility – allows JS to design tomers to edit designs) with the electronically to custome to the from order to production. The end of the en	gn sticker th minima ers for app ne design esigns — e s and rep designs u	s and edit the designs (a al cost implications. Desi proval – this may speed s to be more accurate an can save JS costs. produce past designs/rep using CAD than hand dra	gns can be up the lead and improve prints.	

© UCLES 2017 Page 4 of 10

on		Α	nswer	
	Evaluate suitable payment	t method	s for the employees at JS.	
	Knowledge and Application (4 marks)	Marks	Analysis and Evaluation (7 marks)	Marks
			Justified evaluation based on arguments in context	7
ion)			Developed evaluation based on arguments in context	6
			An evaluative statement based on argument(s) in context	5
	Shows understanding of two (or more) payment methods in context	4	Argument based on the two (or more) payment methods in context	4
	Shows understanding of one payment method in context	3	Argument based on the one payment method in context	3
	Shows knowledge of two (or more) payment methods	2	Limited analysis of two (or more) payment methods	2
	Shows knowledge one payment method	1	Limited analysis of one payment method	1
		No credi	table content	
	allowance for quality of Salary – may be approp task based, but again w conditions or effort put i Piece rates – useful to r extent is one worker res possible to separate out	the sticked oriate for a ill not tak nto the journotivate was ponsible to the resp	ed, rewards amount of time, but ers or the differing working condicadministrative jobs/design jobs we into account different working b. workers on the production line but for each sticker or group of stick onsibility? Could be used to rew g conditions and who put in mor	tions. which are ut to what ters? Is it ard those
	workers likely to have a Bonuses – Could be use be required otherwise confit sharing – Would to JS's performance but he working conditions.	ny input i ed to rew ould be d ie in work ow could	ard effort but an objective syster	n would ture of differing

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Question	Answer	Marks				
2(a)(i)	Define the term 'unique selling point (USP)' (line 6).					
	Knowledge and Application Marks					
	A correct definition 2					
	A partially correct definition 1					
	No creditable content 0					
	A unique selling point is something that makes a product stand out from the competitors, such as a phone with a new feature that no other phones have. It is a feature that none of the other businesses have and means the product can be sold for a higher price.					
2(a)(ii)	Briefly explain the term 'internal growth' (line 18).					
	Award one mark for each point of explanation:					
	C Example or some other way of showing good understanding, e.g. also known as organic growth	ark				
	B An idea of 'growth' – i.e. the increase in size of a business 1 ma	ark				
	A An idea of 'internal' – i.e. through the reinvestment of profits. Increasing sales/stores/outlets	ark				
	Exemplar:					
	Internal growth is when a business get larger through the use of retained This is usually a slower way to grown compared to external growth.	profit.				

© UCLES 2017 Page 6 of 10

Question	Answer					
2(b)(i)	Refer to Table 2. Calculate the price elasticity of demand if Navpreet changes her price from \$24 to \$30 per hour.					
	Rationale		Marks			
	Correct cald without corr	culation of the PED (no minus sign required) with or ect working	3 marks			
		nula (may be implied through the use of figures) and ulation of % change in price and correct calculation e in QD	2 marks			
		nula or correct calculation of % change in price or ulation of % change in QD	1 mark			
	No creditab	le content	0 marks			
	Formula:					
	% change in % change in					
	% change in % change in					
	PED = (-)0.8	}				
	Note: an inve	erted formula is one error repeated as long as there is answer	working to			
2(b)(ii)	Explain one way in which PP could make use of price elasticity of demand calculations.					
	Level	Knowledge and Application	Marks			
	2 (APPAPP)	Explanation of one way PED calculations could be useful in context	3			
	2 (APP)	Identification of one way PED calculations could be useful in context	2			
	1 (K)	Identification of one way PED calculations could be useful	1			
	0	No creditable content	0			
	Navpree increase Price is plumbing The inela \$24 to \$	Ild include: It see that plumbing services are price inelastic. It should increase her price – she may make more profes her prices. It should increase her price – she may make more profes her prices. It should increase her price – she may make more profes her prices. It should increase her price – she may make more profes her prices. It should increase that price in least to should be a service of the should be a ser	rs purchase			

© UCLES 2017 Page 7 of 10

Question			Answer			Ма
2(c)		e <u>one</u> advantage and <u>one</u> ge on her own home to f		ntage to Navpreet of taki P's expansion.	ing out a	
	Level	Knowledge and Application (4 marks)	Marks	Analysis (4 marks)	Marks	
	2	Shows understanding of taking out a mortgage to finance expansion in context	3–4	Good analysis of one advantage AND one disadvantage to Navpreet of taking out a mortgage to finance expansion in context	4	
				Good analysis of one advantage OR one disadvantage to Navpreet of taking out a mortgage to finance expansion in context	3	
	1	Shows knowledge of mortgages and expansion	2	Limited analysis of one advantage AND one disadvantage of a mortgage as a source of finance	2	
	'	Shows knowledge of sources of finance or expansion	1	Limited analysis of one advantage OR one disadvantage of a mortgage as a source of finance	1	
	Annotate Analysis	analysis in context: Marks e advantages on the left a s should be about the use s could include:	nd disadv	antages on the right		
	Advantages Would allow Navpreet to retain control of PP and raise sufficient finance for the lease Long term source of finance so would allow Navpreet to repay the majority when the new shop is making a profit Relatively (compared to loans) low rate of interest, would reduce repayment costs.					
	with The requ	rpreet may lose her house nearnings from the new sh he bank may not allow Navp uired	nop preet to tal	unable to pay back the mon ke out a mortgage for the a gage and she does not kn	amount	

© UCLES 2017 Page 8 of 10

Question		Α	nswer		Marks		
2(d)	Evaluate promotional methods that PP could use to grow in the future.						
	Knowledge and Application (4 marks)	Marks	Analysis and Evaluation (7 marks)	Marks			
			Justified evaluation based on argument(s) in context	7			
			Developed evaluation based on argument(s) in context	6			
			An evaluative statement based on arguments in context	5			
	Shows understanding of TWO promotional methods in context	4	Argument based on TWO promotional methods in context	4			
	Shows understanding of ONE promotional method in context	3	Argument based on ONE promotional method in context	3			
	Shows knowledge of TWO promotional methods	2	Limited analysis of TWO promotional methods	2			
	Shows knowledge of ONE promotional method	1	Limited analysis of ONE promotional method	1			
	No creditable content						
	Allow above and below the li	ine as me	ethods				
	Answers could include:						
	Above the line methods Advertising – Plumbing is likely to remain a local business so national advertising is likely to cost too much and be inappropriate. Local TV, radio, newspapers and magazines may be appropriate and could be targeted to the appropriate market segments.						
	unlikely to help further g Sponsorship – Navpreet allow PP to become a m Direct mailing/Leaflets – Navpreet into potential of Price promotions – woul new shop if it goes ahea	rowth could space well-crelatively customers d need to do not prove the could be cou	y cheap and puts the contact det s homes for when needed. o be communicated (perhaps thromotion – high street signage, rep	etc May tails for ough			

© UCLES 2017 Page 9 of 10

Question	Answer	Marks
2(d)	Branding Navpreet has a USP and could build on this (perhaps with new shop) to make PP a household brand. Nature of the service is that it is not a day to day product, so a brand needs to be known for when it is needed.	
	Packaging Only appropriate for products sold through the shop. Could cross advertise using packaging.	