

Cambridge International Examinations Cambridge International Advanced Subsidiary and Advanced Level

#### BUSINESS

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Paper 2 Data Response MARK SCHEME Maximum Mark: 60

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Question		Answ	/er		Marks		
1(a)(i)	Define the term 'shareholders' (line 1).						
	Knowledge and Application Marks						
	A correct definition 2						
	A partial, vague or unfocused definition 1						
	No creditable content			0			
	A shareholder is the owner/part owner of a company/incorporated business. Can be private or public limited company. A shareholder tends to buy shares and sell when they increase in value. A shareholder will expect dividends from the profits as a return on their investment. A shareholder has voting rights at the AGM and invests in a business/has voting rights.						
	A shareholder is a stakeholder	1	Partial definition				
	A shareholder is an owner of a 0 Could be a sole trader business			r			
	A shareholder is part-owner of a company	1	Refers to part owners so not a sole trader or partial				
	A shareholder invests money in a business and receives dividends	2	Two correct elements				

			Answe	r		Mark		
1(a)(ii)	Briefly explain the term 'focus group' (line 22).							
	Award one mark for each point of explanation:							
	cExample of some other way of showing good understanding, i.e.1 mAccuracy can be affected by bias, Opinions may not be representative of the general population/target market. Not statistically significant. Can aid decision making1 m							
	В	Consumers/potential consumers	/target ma	arket/customers	1 mark			
	Α	Primary/qualitative/opinions/feed	back/led	by interviewer	1 mark			
		qualitative data. Allows dialogue of	during the		cy can be			
	affeo marl		during the represen	research process. Accuration tative of the general population	cy can be ation/target			
	affeo mark	qualitative data. Allows dialogue of cted by bias. Opinions may not be ket. Not statistically significant. Int	during the represen erviewer i	research process. Accurat tative of the general popula s present to lead discussio	cy can be ation/target			
	affeo mark An A ç	qualitative data. Allows dialogue of cted by bias. Opinions may not be ket. Not statistically significant. Int swer	during the represen erviewer i Mark	research process. Accurat tative of the general popula s present to lead discussion Reason	cy can be ation/target			
	affec mark An A c A c	qualitative data. Allows dialogue of cted by bias. Opinions may not be ket. Not statistically significant. Int swer group of people	during the represen erviewer i Mark 0	research process. Accurat tative of the general popula s present to lead discussio Reason Too vague	cy can be ation/target in. wer' and <b>B</b> mark for			

Question			An	swer	Marks			
1(b)(i)	Refer to Tat	ble 1 and other info	ormation.	Calculate the price of the dress for Lydia.	3			
	Mark	Rationale						
	3 marks	Correct calculation	on of price	(with or without working or \$)				
	2 marks	marks Correct calculation* of total costs (with or without \$)						
	1 mark	Correct formula <b>or</b> correct calculation* of wages						
	0 marks	No creditable co	ntent					
	(FC+VC) + n	nark-up = Price						
	Wages = 20	hours × \$10 = \$200						
	Total costs = \$200 + \$250 + \$50 = \$500							
	Add 50% = \$250							
	So selling price will be \$750							
	*Working required or explicit identification of TC/wages							
				, i o, wages				
	Answer	orrect answers	Mark	Rationale				
	$10 \times 20 = 2$		1	Correct calculation of wages				
		50 + \$50 = \$500	2	Total costs calculated with working				
	500 × 150%	6	2	Correct calculation, answer missing				
	FC + VC th	ien add mark up	1	Correct formula				
	\$500		0	A wrong answer with no working				
	\$200		0	A wrong answer with no working				
	Wages=20	0	1	Explicit identification of wages				
	TC=500		1	Explicit identification of TC				

uestion	Answer						
1(b)(ii)	Explain <u>one</u> payment method (other than time based) that DC could use to pay its employees.						
	Level		Knowledge and Applicati	on	Marks		
	2 (APP)	Explanation in context	of a payment method other	than time based	3		
	1b (KK)	Explanation of a payment method other than time based		2			
	1a (K)	Identification of a payment method other than time based 1					
	0	No creditable	e content		0		
	Context – correputation f	nuses linked t ad to bonuses milar approact lesigners, emp for quality	n for performance related pa	ore sales of designer ay and profit sharing ction method, design	er clothing will g. ner clothing,		
	Identificat		Explanation	Possible context	-		
	Piece rate	9	Payment based on output	Quality may be s		1	
				DC have an exc reputation for qu			

Question			Ansv	ver		Marks		
1(c)	Analyse <u>two</u> human resource problems that DC might experience from the introduction of the new batch production method.							
	Level	Knowledge and Application (4 marks)	Marks	Analysis (4 marks)	Marks			
	<b>2</b> (ADD'a)	Shows understanding of <b>two (or more)</b> human resource problems in context	4 (ANAN + ANAN)	Good analysis of <b>two (or</b> <b>more)</b> human resource problems that DC might experience from the introduction of the new batch production method.	4			
	(APP's)	Shows understanding of <b>one</b> human resource problem in context	3 (ANAN)	Good analysis of <b>one</b> human resource problem that DC might experience from the introduction of the new batch production method.	3			
	1 (K's)	Shows knowledge of <b>two (or more)</b> human resource problems	2 (AN + AN)	Limited analysis of <b>two (or more)</b> human resource problems	2			
		Shows knowledge of one human resource problem	1 (AN)	Limited analysis of <b>one</b> human resource problem	1			
	0		No cre	ditable content	•			
	<ul> <li>Contextual analysis likely to come from:</li> <li>Lower morale/job satisfaction – workers are used to working on unique clothing and will have immense pride in their work. This may fall if working on a batch production line.</li> <li>Deskilling – if machinery is being used, this may replace the skills of the employees used to make unique clothing</li> <li>Training needs – the new machinery will involve training, how will Khaleal manage this?</li> <li>Fear of change/communication issues – employees are likely to be very wary of the new machinery/batch production. Khaleal needs to have a clear communication and employee participation strategy.</li> </ul>							

Question	Answer							
1(d)	Discuss a suitable pricing strategy that DC could use for the new range of trousers.							
	Knowledge and Application (4 marks)	Marks	Analysis and Evaluation (7 marks)	Marks				
			Justified evaluation based on arguments in context	7				
			Developed evaluation based on arguments in context	6				
			An evaluative statement based on arguments in context	5				
	Shows understanding of one or more pricing strategy in context	4	Arguments (two sided) based on one or more pricing strategy in context	4				
	Identifies one or more pricing strategy in context	3	Argument (one sided) based on one pricing strategy in context	3				
	Shows understanding of one or more pricing strategy	2	Two or more pieces of limited analysis of one or more pricing strategy	2				
	Identifies one or more pricing strategy	1	One piece of limited analysis of one pricing strategy	1				
		No d	creditable content					
	Context must be explicit not just implied but the strategy, i.e. penetration for a new product is not context, but penetration because DC have a new range of trousers is contextual Context/content:							
	<ul> <li>Competitive – the trousers are being sold to department stores. They are likely to have other competitors and so they will need to be competitive to persuade the department stores to stock the trousers. This may be feasible as the department stores will know the prices they are prepared to pay.</li> <li>Penetration – DC are moving into a new market. They may look to offer high discounts on initial orders, build their relationship with the department stores and then increase prices. Can DC afford this? How will competitors react?</li> <li>Skimming – unlikely to be effective as these are batch produced products – they may have a reputation for quality but batch production will mean the uniqueness of each piece of clothing will be lost so unlikely to be able to charge higher prices especially to a department store.</li> <li>Price discrimination – unlikely to be effective as difficult for DC to separate the market for trousers particularly by geography. They are selling direct to the department stores who will then decide which stores to sell them in. DC does not have control of this. They are also trying to break into a new market so</li> </ul>							

Question	A	nswer			Marks	
	Evaluation is likely to come from a candidate	ate:				
	Judging which pricing strategy is best for DC to use and justifying this in the context					
	Weighting their response, for example, jus effective	tifying wh	ny a strategy is unli	kely to be		
2(a)(i)	Define the term 'demand' (line 26).				2	
	Knowledge and Appl	ication		Marks		
	A correct definition	2				
	A partial, vague or unfocused definition 1					
	No creditable content	0				
	(not needs and wants) to buy at a <b>given price</b> (or in a particular <b>time period</b> )'. Demand is the ability and willingness of a consumer to pay for a given good or service at a given price. Demand falls as price rises/vice versa.					
	Example(s) or reference to demand falling or rising is not needed for maximum marks. A diagram without further explanation should be awarded one mark.					
	A diagram without further explanation should be awarded one mark.					
	The amount of a good consumers are willing to buy	1	Only 2 elements – for full marks w elements	of the definition		
	What consumers are willing to buy	1	Only 1 element o	f the definition		
	What consumers are willing to buy at a price23 elements					

Question		Answer				Marks		
2(a)(ii)	Bri	efly explain the term 'tertiary sector' (line 1)	).			3		
	Award one mark for each point of explanation:							
	C       Examples could include distribution, hairdressing, dentist.       1 m         Expertise/time       1 m							
	В	Relationship to other sectors (i.e. secondary,	, primary c	juaternary)	1 mark			
	Α	Offer/sell/produce/provide etc. services/intan	gible good	ds	1 mark			
	con	e tertiary sector is made of businesses that sell isumer markets. Business here take goods from vices include law firms, accountancy firms, sho Answer	n the seco		d sell them.			
	Pi	rovide services and sell intangible products	1	A elements on	ly			
	S	ells services such as banking	2	A and C eleme	ents			
	pr	ells services to support the products from the imary and secondary sectors such as rmers' markets selling vegetables	3	Elements from and C	all – <b>A B</b>			

Question	Answer							
2(b)(i)	Refer to Tabl	e 3. Calculate the gro	oss pro	fit margin.	3			
	Mark			Rationale				
	3 marks	Correct calculation of	Correct calculation of gross profit margin (with or without working or %)					
	2 marks	Correct formula and	correct	calculation of gross profit				
	1 mark	Correct formula or c	Correct formula <b>or</b> correct calculation of gross profit					
	0 marks	0 marks No creditable content						
	Formula can be	e implied through the cor	rect use	of figures.				
	<u>GP</u> revenue * 100	)						
	GP = 120 – 90 = 30 GPM = 30/120 *100 = <b>25%</b> Common incorrect answers							
			Mar and a					
		Answer	Mark	Rationale				
	120 - 90 = 3		<b>магк</b> 1	Rationale           Correct calculation of gross profit				
		30 0)/120] × 100 =						
	[90 – (20+10 60/120 × 100	30 0)/120] × 100 = 0 = 50% //revenue) × 100.	1	Correct calculation of gross profit Gross profit incorrectly calculated but				
	$[90 - (20+10)]{60/120 \times 100}$ (Gross profit Gross profit GP = 10 000	30 0)/120] × 100 = 0 = 50% //revenue) × 100.	1	Correct calculation of gross profit Gross profit incorrectly calculated but formula correct Correct formula and correct calculation of				
	$[90 - (20+10) \\ 60/120 \times 100 \\ (Gross profit \\ Gross profit \\ GP = 10000 \\ -100 \times 100 \\ 83.33\%$	$\frac{30}{30} = 50\%$ $\frac{1}{120} \times 100 = 0 = 50\%$ $\frac{1}{100} \times 100}{100} = 30$ $\frac{1}{100} - 20000 - 90000 = 0$	1 1 2	Correct calculation of gross profit Gross profit incorrectly calculated but formula correct Correct formula and correct calculation of gross profit Gross profit incorrectly calculated but				

Question			Answer	Answer						
2(b)(ii)	Explain <u>one</u> way that BG could improve its profit margin.									
	Level	ŀ	Marks							
	2 (APP)	Explanation of a way to improve the profit margin 3								
	1b (KK)	Identification of a way to improve the profit margin			2					
	1a (K)	Identification	of a way to improve profit		1					
	0	No creditable	content	0						
	Increase price but maintain costs/expenses     Decrease costs and maintain price      Identification Explanation Poss				le context					
	Decrease	costs and price (APP)	Both costs and price referred to	This is clearly						
				3 marks						
	Increase	price (KK)	Only price, nothing about costs	Related to pro only identifies	fit margin but price so 2 marks.					
	Increase	revenue (K)	This relates to profit only.	1 mark as not margin	related to profit					

Question	Answer								
2(c)	Analyse <u>two</u> possible sources of finance that BG could use for the new lawnmower.								
	Level	Knowledge and Application (4 marks)	Marks	Analysis (4 marks)	Marks				
	2	Shows understanding of <b>two (or more)</b> sources of finance in context	4	Good analysis of <b>two (or more)</b> sources of finance that BG could use for the new lawnmower.	4				
		Shows understanding of <b>one</b> source of finance in context	3	Good analysis of <b>one</b> source of finance that BG could use for the new lawnmower.	3				
	1	Shows knowledge of <b>two (or more)</b> sources of finance	2	Limited analysis of <b>two (or more)</b> sources of finance	2				
		Shows knowledge of <b>one</b> source of finance	1	Limited analysis of <b>one</b> source of finance	1				
	0		No cr	editable content					
	<ul> <li>Any source of finance could be relevant – analysis will depend on context used:</li> <li>Contextual analysis likely to come from:</li> <li>Cash flow, Barry is worried about working capital so how would BG be able to</li> </ul>								
	<ul> <li>Time span, how long would BG borrow for, interest rates tend to be higher over longer period of time. BG is a partnership, this could be risk if paid over longer term. Does Barry prefer short or medium or longer term?</li> <li>Amount being borrowed. Would BG need to borrow all of the \$10 000. Could Barry or Michael invest additional funds themselves to limit the borrowing?</li> </ul>								
	•	Interest rates, BG is a pa healthy profits and margin Future demand – Expect (LawnsRus) but what if th	rtnership ns so cou ed to incr ne econor	so could be seen as risky to lend to ild persuade a lender that the risk is ease as BG gain customers from co my slows down – demand could fall i revenue generated from basic servic	. But smaller. mpetitors in				

Question	Answer							
2(d)	Discuss the advantages and disadvantages to Barry and Michael of the business being a partnership.							
	Knowledge and Application (4 marks)	Marks	Analysis and Evaluation (7 marks)	Marks				
			Justified evaluation based on arguments in context	7				
			Developed evaluation based on arguments in context	6				
			An evaluative statement based on arguments in context	5				
	Shows understanding of two or more features of a partnership in context	4	Argument of advantage(s) and disadvantage(s) of partnerships in context	4				
	Shows understanding of one feature of a partnership in context	3	Argument of an advantage(s) or disadvantage(s) of partnerships in context	3				
	Identifies two or more features of a partnership	<b>J</b>	advantage(s) <b>and</b> disadvantage(s) of	2				
	Identifies one feature of a partnership	1	Limited analysis of an advantage(s) <b>or</b> disadvantage(s) of partnerships	1				
	No c	creditable	e content					
	Please annotate analysis of advantages in the left hand margin and disadvantages in the right hand margin. Evaluation can only be awarded if there is at least one double AN in the left and one double AN right hand margins.							
	Context/content:							
	<ul> <li>Advantages: <ul> <li>Partners can specialise, this has worked for BG with division of tasks (Barry – finance and marketing, Michael – technical and employees). This will help BG be successful e.g., strong profits and margins</li> <li>Partners run the business for themselves, not accountable to shareholders and so Michael and Barry gain the rewards from the business/retain control</li> <li>BG will be a smaller business and so Michael and Barry are likely to offer personal service and good communication to customers, Michael in marketing and Barry in agreeing prices and contracts. This will help BG gain a reputation and be more successful.</li> </ul> </li> </ul>							

Question	Answer	Marks
	<ul> <li>Disadvantages:</li> <li>Unlimited liability so a risk to Michael and Barry. They could lose their possessions as well as their investment should the business fail.</li> <li>Long hours of work/responsibility</li> <li>Conflict – Michael and Barry may fall out over decisions and this could lead to conflict and dissolution of the partnership e.g., over the finance needed for the lawnmower</li> <li>Partnership ceases if one partner dies.</li> </ul>	
	<ul> <li>Evaluation is likely to come from a candidate:</li> <li>Judging whether the advantages outweigh the disadvantages</li> <li>Weighting their response, for example, 'this is the main advantage because' is likely to lead an evaluative response.</li> <li>Candidates must cover both advantages and disadvantages to gain higher than 3+3 marks</li> </ul>	