

GCE

Applied Business

Unit F248: Strategic Decision Making

Advanced GCE

Mark Scheme for June 2015

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This mark scheme is published as an aid to teachers and students, to indicate the requirements of the examination. It shows the basis on which marks were awarded by examiners. It does not indicate the details of the discussions which took place at an examiners' meeting before marking commenced.

All examiners are instructed that alternative correct answers and unexpected approaches in candidates' scripts must be given marks that fairly reflect the relevant knowledge and skills demonstrated.

Mark schemes should be read in conjunction with the published question papers and the report on the examination.

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Annotations

?	The response given is 'Unclear' to the marker.			
BOD	BOD 'Benefit of doubt' but credit given.			
CONT	To indicate the response is in 'Context' of the relevant case study.			
×	Response is incorrect, no credit can be given.			
LI	Use for Level of response answers to indicate Level 1.			
L2	Use for Level of response answers to indicate Level 2.			
L3	Use for Level of response answers to indicate Level 3.			
L4	Use for Level of response answers to indicate Level 4.			
NAQ	The response is not incorrect but has 'Not answered the question'.			
OFR	Own figure rule. Use where indicated in the mark scheme.			
REP	'Repeat' Response repeats the same marking point.			
SEEN	'Noted but no credit given' or to indicate all or part blank answer pages have been seen by the marker.			
~	Correct point/answer. Credit can be given.			

Subject-specific marking instructions

Testing of QWC

In this external assessment the assessment of QWC will take place in Question 3c which is a levels of response question and carries 14 marks.

Marks are embedded within this question for assessing the quality of written communication. The following criteria are embedded within the levels of response for Question 3c.

Level 4:

Ability to present relevant material in a well planned and logical sequence. Material clearly structured using appropriate business terminology confidently and accurately. Sentences, consistently relevant are well structured in a way that directly answers question. There will be few, if any errors of grammar, punctuation and spelling.

[4 marks representing the appropriate level of written communication are embedded in this level of response].

Level 3:

Ability to present relevant material in a planned and logical sequence. Appropriate business terminology used. Sentences for the most part relevant presented in a balanced, logical and coherent manner which addresses the question. There will be occasional errors of grammar, punctuation and spelling.

[3 marks representing the appropriate level of written communication are embedded in this level of response]

Level 2:

Limited ability to organise relevant material. Some appropriate business terminology used. Sentences are not always relevant with material presented in a way that does not always address the question. There may be noticeable errors of grammar, punctuation and spelling.

[2 marks representing the appropriate level of written communication are embedded in this level of response]

Level 1:

Ability to communicate at least one point using some appropriate business terminology. Sentences have limited coherence and structure, often being of doubtful relevance to the main focus of question. Errors of grammar, punctuation and spelling may be noticeable and intrusive.

[1 mark representing the appropriate level of written communication is embedded in this level of response]

Question	Answer	Mark	Guidance
1 (a)	Use level of response criteria. Indicative content: • goals (L1) • targets (L1) • specific step (L2) • measurable target (L2) • time based targets (L2) • short term goals (L2) • short term goals (L2) • stepping stones/steps to achieve overall aim (L2) • ways/how to achieve overall aim (L2) • ways/how to achieve overall aim (L2) • SMART (L2). Exemplar responses: Eg Objectives give the business a short-term target (L2) to work towards. Eg A business objective is a specific step (L2) a business wishes to take in order to help achieve its overall aim. Eg Goals (L1) set for the business to achieve. Eg Targets (L1) to work towards. Eg To help achieve the aims of the business (L1).	2	 AO1: 2 L2 – 2 marks – specific answer which applies to objectives (rather than aims). L1 – 1 mark – vague answer about goals which could apply to aims or objectives. NB the question as what is the meaning of the term 'business objective. Do not award benefits, eg gives a clearer sense of direction. Do not award reasons for setting objectives 'to help meet the aims'. No context required.

C	Question	Answer	Mark	Guidance
1	(b)	AnswerIndicative content:• example which is measurable• example with time frame.Exemplar responses:Eg To make £50,000 profit (1) in 2015 (1).Eg To increase profits by 5% (1) over the next three years (1).Eg To make more profit than last year (0).	Mark 2	Guidance AO2: 2 Up to two marks. One mark for criterion which can be measured (numerical value required). One mark for time frame ('per annum' insufficient as time frame). Must be a profit objective (not revenue or costs). Must be appropriate to 155 Ltd.

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Question	Answer		Guidance	
Question 2 (a) (i)	Answer Indicative content:	Mark 6	GuidanceAO1: 3 AO2: 3Up to six marks.1 marks for each label if seen - FC, TC, TR (sales/revenue/ SR)1 mark for each correctly drawn line.NB. Allow a tolerance of plus or minus one small square on the grid.FC 1.2m TC (0, 1.2m) to (80,000, 2.8m) TR (0,0) to (70,000, 2.8m) to (80,000, 3.2m)Drag down overlay for correct line positions (if required).	

Question	Answer	Mark	Guidance
2 (a) (ii)	Indicative content:	3	AO1: 2 AO2: 1 Up to three marks. 1 mark for correctly labelling each of the following: • break-even point (OFR applies) • area of profit, shading/boundary required (OFR applies) • area of loss, shading/boundary required (OFR applies). OFR applies to intersection of two upward sloping lines one commencing at the origin and one commencing at fixed costs.

Question	Answer	Mark	Guidance
(b)	Indicative content: Iower fixed costs Iower variable cost increase revenue increase selling price increase selling price to increase quantity sold (PED) enter new markets reduce the size of the workforce increase advertising/marketing improve production efficiency reduce wastage improve personnel effectiveness keep tighter control of budget spend. Exemplar responses: Eg Improve productivity (1). Eg Find cheaper sources of timber (1). Eg Seek out new markets (1).	3	A01: 3 One mark for each correct identification up to a maximum of three identifications. NB This question relates to profitability, not lowering the break-even point. Accept specific examples. No context required. Do not award increase capacity or increase output.

3 (a) Indicative content: 8 AO1: 4 AO2: 4 Labour productivity: 8.47 cues per worker per day (2) Up to eight marks (up to two marks for each of four calculations). Or if incorrect award workings: 61000/7200 (1) No workings required. Workings should only be an answer is incorrect, in which case award one reach correct use of formula. Wastage rate: 5% (2) Award two marks for each of the following:	
Rate of labour turnover:16.67% (2)Or if incorrect award workings: $5/30 (1) \times 100$ Rate of absenteeism:6.5% (2)Or if incorrect award workings:Rate of absenteeism:6.5% (2)Rate of absenteeism = 6.5% (or 7%) (Do not access)Rate of absenteeism = 6.5% (or 7%) (Do not access)	be marked if e mark for ept 9) o not accept

Question	Answer	Mark	Guidance	
3 (b)	Indicative content: greater co-operation work harder greater productivity less waste improve quality improve customer service fewer staff leaving fewer days off increased output increased sales more profits reach break-even point faster better working relationships. Exemplar responses: Eg The workers are likely to work harder producing more cues per day (2). Eg Workers are likely to take less time off work because they enjoy working for the company (1).	6	 AO1: 3 AO2: 3 Up to two marks for each explanation to a maximum of three explanations. Award two marks for each contextual response. Award one mark for each generic response. Must relate to production staff. Must be benefits to the business (not to staff or customers). Do not award 'better morale' or 'improve motivation'. Do not award ways of improving motivation. Do not award 'job security'. Do not award promotion prospects. Accept explanations relating to cause or consequence. 	

C	Question	Answer	Mark	Guidance
3	(C*)	Use levels of response criteria.	14	AO1: 2 AO2: 3 AO3: 4 AO4: 5
		Indicative content: • better working conditions		QWC is assessed in this part of the question.
		 better staff facilities improved health and safety motivation package reward multi-skilled workers reward long service increase pay for supervisors change of absence rules use a bonus system employee of the month scheme 		Levels of response Level 4 (10 – 14 marks) Candidate evaluates ways of increasing the motivation levels of production staff at 155 Ltd. Level 3 (6 – 9 marks) Candidate analyses the benefits and drawbacks of the ways of increasing the motivation levels of production staff at 155 Ltd.
		 pay rise allay redundancy fears job enrichment greater training opportunities remove the card machine share ownership scheme change of management style allow more flexible working involve workers in decision-making set production targets human resource management – hard/soft. 		 Level 2 (3 – 5 marks) Candidate applies knowledge and understanding of ways to increase the motivation levels of production staff at 155 Ltd. Level 1 (1 – 2 marks) Candidate identifies ways of increasing the motivation levels with no context. Please indicate each time a candidate achieves a particular level as this will help you allocate marks within that level.
		Exemplar response:		Context should be annotated every time L2/L4 is awarded with the 'CONT' annotation.
		Eg Motivation levels can usually be increased with a pay rise (L1) . As <i>155 Ltd</i> 's production workers have not had a pay rise for five years (CONT) they are likely to respond		Non-contextual answer max Level 1.
		well to a pay rise (L2). However, the increased motivation is likely to be short-lived once the workers take their new pay rate for granted (L3). Alec and Sue might be better dealing with the health and safety issues in the factory (L1), especially the dust (CONT) from the grinders (L2).		Do not award cause.

Question	estion Answer		Guidance
	This will increase motivation by making the employees feel valued and respected and have the added benefit of complying with current legislation (L3) . Whilst providing the necessary breathing equipment (CONT) will cost money, it is likely to cost much less than paying 30 workers an increased pay rate week on week, and it is, therefore, a much more appropriate method for Alec and Sue to use (L4) .		

Q	Question		Answer	Mark	Guidance
4	(a)	(i)	Indicative content: Activity F: Bonding time for butt.	1	AO2: 1
			, ,		For one mark.
			Exemplar responses:		
			Eg Bonding time for butt (1) .		
			Eg F (1) .		

Q	Question		Answer	Mark	Guidance
4	(a)	(ii)	Indicative content: Activity D: Make shaft) AND) Both correct for one mark. Activity E: Build butt) Exemplar responses: Eg D and E (1). Eg Make shaft, build butt (1).	1	AO2: 1 For one mark. Do not award if additional activities are suggested, eg D, E and F.

C	Question		Answer	Mark	Guidance
4	(a)	(iii)	Indicative content: 20 minutes. Exemplar responses: Eg 20 minutes (1). Eg 20 (1).	1	AO2: 1 For one mark. Units not required.

Q	Question		Answer	Mark	Guidance
4	(a)	(iv)	Indicative content: 76 minutes. Exemplar response: Eg 76 minutes (1) Eg 1 hour 16 minutes (1)	1	AO2: 1 For one mark. Units required.

Q	Question		Answer	Mark	Guidance
4	(a)	(v)	Indicative content: A - C - E - F - G - H - I - J - K Exemplar responses: Eg ACEFGHIJK (1) . Eg Select timber, Cut ash, Build butt, Bonding time for butt, Assemble cue, Apply lacquer, Drying time for lacquer. Quality check, Label and package (1) .	1	AO2: 1 For one mark. Must be in correct order.

4 (b) Use levels of response criteria. 8 AO1: 2 AO2: 2 AO3: 2 AO Indicative content: Levels of response	O4: 2
Indicative content: Levels of response	
 can order timber and fittings at the correct time minimise timber storage avoid bottlenecks avoid workers being idle can calculate slack time better usage of slack time EST / LFTs calculated motivation monitoring delays are costly can order tasks effectively work out the minimum time for completion of an order more accurate monitoring of progress identify the critical path in order to give it extra attention can put additional resources on the critical path maximise capacity utilisation 	

Question	Answer	Mark	Guidance
Question	Answer does not take into accounts external factors simultaneous tasks. Exemplar response: Eg Critical path analysis puts activities into their most efficient sequence (L1). It will, therefore, show 155 Ltd the fastest way to make a snooker cue (CONT) (L2). This will allow the company to increase output and, much needed, profitability (L3). However, given that the production of snooker cues (CONT) is quite complex it is	Mark	Guidance
	likely that the critical path analysis would need to be done using a computer. Since Alec, who knows the most about the production methods, shows no intention of using a computer, this production tool may not be as useful to 155 <i>Ltd</i> as it would first appear (L4) .		

Question	Answer	Mark	Guidance
5 (a)	 Indicative content: quantitative indicators – numerical/statistical/data based, capable of being proven/ disproven, objective, scientific qualitative indicators – non-numerical, based on opinion/feelings/perceptions, non-numerical, subjective, not-provable Exemplar responses: Eg Qualitative data is based on opinion (1), whereas quantitative data is based on numbers/figures (1). Eg Quantitative is based on numbers/figures (1), whereas qualitative is non-numerical (1). Eg Quantitative is based on numbers/figures (1), whereas qualitative is not (0). Eg One is based on numbers and one is not (0). 	2	 AO1: 1 AO2: 1 Up to two marks. Do not award examples. For any marks the response must indicate which is which. Award zero marks if the terms are confused or not stated. Do not award vague statements such as "qualitative is about quality" or inaccurate statements such as "qualitative is about written data". Do not award 'internal/external'. No context required.

Question	Answer	Mark	Guidance
5 (b)	 Indicative content: political changes environmental changes social trends eg changes in customer buying patterns cultural change technological changes. legal changes ethical changes globalisation increased competition growth 	3	 AO1: 3 One mark for each correct identification up to a maximum of three identifications. NB question asks for indicators rather than factors. Change required to award mark – look for change, new, stop, more, trend, tendency, increased, reduced, different, keep up etc

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	Exemplar responses:	Do not award quantitative or internal indicators. Must be non-numerical external factor. All economic indicators are quantitative.	
	Eg A change in government policy (1). Eg More people purchasing goods on the Internet (1).	External indicators are outside of a firm's control do not award arguments relating to location, suppliers, employee owners etc.	¥S,
		Accept specific examples.	
		No context required.	

Question	Answer	Mark	Guidance	
5 (c)	Use levels of response criteria.	4	AO1: 2 AO2: 2	
	 Indicative content: ARR calculates the rate of return ARR looks at profitability over time ARR shows investment yield PB only looks at speed of payback PB ignores returns on investment after payback PB assumes the shorter the payback period the better the investment. 155 Ltd – profitability issues 155 Ltd - cash-flow not a problem 10 year variable rate mortgage break-even/survival of company Alec and Sue's retirement fund. 		Levels of responseLevel 2 (3 – 4 marks)Candidate applies knowledge and understanding of ARR/ payback to 155 Ltd and its situation.Level 1 (1 – 2 marks)Candidate shows knowledge of ARR/payback with no use of context.Do not award answers referring to investment appraisal tools in general. Eg Do not award 'helps a firm judge whether an investment is worthwhile'.	
	Exemplar responses: Eg Payback only looks at how long it takes to payback the original budget spend (L1). It does not take into account the investment yield which will be earned (L1). Eg Since <i>155 Ltd</i> does not appear to have cash-flow problems (CONT) the speed at which the investment is recouped is not too much of a problem for it (L2). What matters to <i>155 Ltd</i> is that it makes a decent return on its investment in order to fund Alec and Sue's retirement (CONT), making ARR more important to the business (L2).		 Non-contextual answer max level 1. No matter how detailed a candidate's knowledge of ARR/ payback, if it is not applied to 155 Ltd it must be awarded Level 1 and a maximum of two marks. A candidate who has given a simple but accurate response applied to 155 Ltd's situation must be awarded Level 2 and a minimum of three marks. Level annotation required. 	

6 (a) Use levels of response criteria. 4 AO1: 2 AO2: Indicative content: • assesses risk • Levels of response criteria. • assesses risk • market penetration, product development, market Level 2 (3 - 4)	: 2
assesses risk	
development and diversification (product/market)Candidate ap Matrix to 155• proposal – market development (same product, new market) or diversification (new product, new market).Matrix to 155 for export to C• proposal level of risk – medium/high risk/greater than current level of risk/increased riskLevel 1 (1 - 2 Candidate shi context.• gauge/accept/avoid the risk.Exemplar responses:Do not award general. Eg DEg Ansoff's Matrix can be used to categorise a proposal by quadrant (L1). Diversification is the most risky (L1).Do not award asks how AnsEg Selling snooker cues to China fits into the market development quadrant (CONT) of Ansoff's Matrix (L2). This has a higher level of risk than 155 Ltd's current operations (L2).Do not award asks flow AnsEg Selling maple snooker cues to China would be classified as selling a new product in a new market (CONT) (L2). This would be a high risk strategy (L2)No matter how Matrix if it is n and a maximu A candidate v applied to 153 a minimum of	 4 marks) oplies knowledge and understanding of Ansoff's of Ltd's proposal to mass produce snooker cues China. 2 marks) nows knowledge of Ansoff's Matrix with no use of d answers referring to decision-making tools in Do not award 'helps a firm make a decision'. d limitations/drawbacks because the question soff's Matrix can help. d reference to current position (market as this does not answer the question. ual answer max Level 1. w detailed a candidate's knowledge Ansoff's not applied to 155 Ltd it must be awarded L1 um of two marks. who has given a simple but accurate response is Ltd's proposal must be awarded Level 2 and

C	Question	Answer	Mark	Guidance
6	(b)	 Indicative content: only considers market positioning only based on risk risk is dependent on more variables than market positioning complex projects are difficult to position within the matrix qualitative/subjective/non-numerical does not take into account the cost of the investment does not take into account the expected yield does not take into account external factors does not consider time frame no quantitative/financial analysis. Exemplar responses: Eg A proposal which appears low risk on Ansoff's Matrix, eg market penetration (1), may be adversely affected by external factors, such as exchange rates, which Ansoff's Matrix does not consider (1).	4	AO1: 2 AO2: 2 One mark for each correct identification up to a maximum of two identifications, plus a further one mark for each of two explanations. Do not award answers referring to decision-making tools in general. Eg Do not award 'depends on the skills of the decision maker' or 'it is only a prediction' or 'it is time consuming' as this applies to all decision-making tools. No context required.
		Eg Alec and Sue need to consider the cost of the proposal when deciding the level of risk (1) . Ansoff's Matrix does not take financial factors into consideration (1) .		

Question	Answer	Mark	Guidance
7 (a)	 Indicative content: exchange rates interest rates inflation rates unemployment rates economic growth/GDP disposable income standard of living. Exemplar response: Eg The rate of inflation (1). This measures the rate at which the general level of prices is rising (1). Eg Employment levels need to be taken into account (1). This is the number of people who are earning a wage by doing a job (1).	6	 AO1: 6 One mark for each correct identification up to a maximum of three identifications, plus a further one mark for each of three developments. Must be economic. Do not award 'state of the economy', 'recession', 'credit crunch' etc – the question asks for factors. Do not award 'tax' as this is a political factor. NB The question asks for a description of the factor not an explanation of impact or importance. Description required for second mark, not explanation. No context required.

Question	Answer	Mark	Guidance
7 (b)	Use levels of response criteria.	20	AO1: 2 AO2: 4 AO3: 6 AO4: 8
	Indicative content:		Levels of response
	 economic factors – exchange rate, interest rate(s), inflation rates, unemployment, recession, 'credit crunch' – UK economic factors – exchange rate, interest rate(s), inflation rates, unemployment, economic growth – China 		Level 4b (17 – 20 marks) Candidate evaluates Sue's proposal to mass produce snooker cues for export to China with comprehensive contextual justification.
	 economic stability government policy – taxation, investment incentives social trends - increased popularity of snooker in China – popularity in UK? 		Level 4a (13 – 16 marks) Candidate evaluates Sue's proposal to mass produce snooker cues for export to China with weak contextual justification.
	 market confidence likelihood of success? solution to current profitability problems? finance – 10 year variable rate mortgage 		Level 3b (10 – 12 marks) Candidate analyses strength(s) and weakness(es) of Sue's proposal to mass produce snooker cues for export to China.
	 ARR 28% payback 12 years strength of marketing campaign revenue/pricing policy 		Level 3a (7 – 9 marks) Candidate analyses strength(s) or weakness(es) of Sue's proposal to mass produce snooker cues for export to China.
	 sponsorship of top class Chinese snooker player – 1,000,000Y/£100,000 - cost/benefit need to improve profitability need to fund Alec and Sue's retirement 		Level 2 (3 – 6 marks) Candidate applies knowledge and understanding of <i>155 Ltd</i> 's proposed change in strategic direction.
	 effects on cash-flow returns on investment new/unknown market 		Level 1 (1 – 2 marks) Candidate identifies factor(s) involved in changing strategic direction with no context.
	 currency conversion – Chinese Yuan language barriers - Chinese export issues 		Please indicate each time a candidate achieves a particular level as this will help you allocate marks within that level.
	 degree of risk – Ansoff's Matrix – market development aims/objectives of company quality issues – use of inferior maple timber impact on business reputation – good quality 		Context should be annotated every time L2/L4 is awarded with the 'CONT' annotation.

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