

Mark Scheme (Results) Summer 2015

Pearson Edexcel International Advanced Level in Economics (WEC03/01)

Unit 3: Business Behaviour





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General Marking Guidance

• All candidates must receive the same treatment. Examiners must mark the first candidate in exactly the same way as they mark the last.

• Mark schemes should be applied positively. Candidates must be rewarded for what they have shown they can do rather than penalised for omissions.

• Examiners should mark according to the mark scheme not according to their perception of where the grade boundaries may lie.

• There is no ceiling on achievement. All marks on the mark scheme should be used appropriately.

• All the marks on the mark scheme are designed to be awarded. Examiners should always award full marks if deserved, i.e. if the answer matches the mark scheme. Examiners should also be prepared to award zero marks if the candidate's response is not worthy of credit according to the mark scheme.

• Where some judgement is required, mark schemes will provide the principles by which marks will be awarded and exemplification may be limited.

• When examiners are in doubt regarding the application of the mark scheme to a candidate's response, the team leader must be consulted.

• Crossed out work should be marked UNLESS the candidate has replaced it with an alternative response.



Section A: Essay questions NB: Use levels based mark scheme (20 marks) to mark this section.

1 Indicative content (
 Definitions: public sector is owned and controlled by the government (the state), unlike the private sector which is non-government. A range of organisations in each sector – public sector includes: government departments (e.g. typically – health, education, defence, law & order) and more commercially oriented organisations (this will vary according to the country but may include for example, transport, postal services, utilities). Private sector organisations includes: for profit (e.g. companies) and not for profit (e.g. charities) Key objectives for those in the public sector are likely to include: meeting people's needs – e.g. healthcare, education, housing meeting security needs of the country – e.g. defence, law and order providing a services to the community – e.g. public transport, social services furthering macroeconomic objectives – e.g. full employment, redistribution of income & wealth, protection of the environment in commercially oriented organisations the main objective may also be apparent references to public goods and merit goods The prime objective of most private sector organisations is to make a profit. This may be: profit maximisation profit maximisation growth increasing market share 	(20)



ACCEPT DIAGRAMMATIC ANALYSIS The private sector also includes co-operatives, mutuals and not for profit organisations where the interests of its members and/or the wider needs of society will be paramount
Evaluation:
Can be significant <u>differences</u> when comparing the objectives within the 2 sectors
 most organisations in the private sector must make a profit to survive in the long run, whereas public sector organisations can be financed through tax revenues so profit motive may be non- existent or less important private sector organisations may be more geared towards being efficient in order to achieve objectives public sector more likely to have greater emphasis on social objectives
Similarities of objectives
 Some private sector organisations are non-profit making, others may prioritise social factors e.g. co-operatives
 Commercially-based public sector organisations often have a profit objective much the same as in the private sector. May be a question of the extent to which profit is an absolute requirement for survival and/or growth
 Changes in emphasis within the public sector over time e.g. the impact of privatisation and the diminishing importance of nationalisation (Unit 1 development)
 There may be similarities between the public and private sector in the short run as they may sustain losses

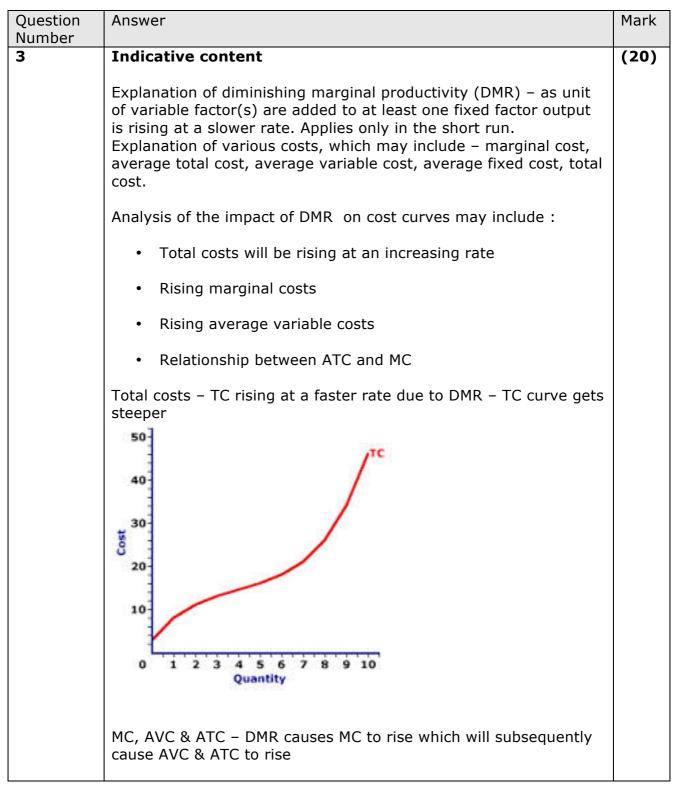


Question	Answer	Mark
Number 2	Indicative content	(20)
	 Explanation of merger/takeover – may include forms of integration; horizontal, vertical, conglomerate 	
	 Explanation of the term organic growth – internal expansion not through acquisitions 	
	Benefits of organic growth (compared to merger/takeover)	
	 The owner(s) are likely to keep control of its operations 	
	No likelihood of potential culture clashes	
	 Organic growth may be cheaper and quicker. Acquisitions may be expensive and it could take a long time to recoup the costs 	
	 Lower risks associated with organic growth – merger/takeover can be into unfamiliar markets 	
	 With organic growth expansion may be at a more sensible pace for the organisation. Merger/takeover may result in a business over-expanding and incurring high fixed cost and the firm may experience greater financial problems if growth in the economy slows 	
	 Gains from economies of scale (but also true of merger/takeover) 	
	 There may be a lower risk of diseconomies of scale with organic growth 	
	 Unlikely to be adversely affected by government competition policy – regulators etc. 	
	ACCEPT DIAGRAMMATIC ANALYSIS	
	Evaluation	
	Disadvantages of organic growth:	
	 Growth of the business is mainly dependent on the growth of the overall market 	
	 Harder to build market share if business is already a market leader 	
	 Slower growth than inorganic methods – shareholders may prefer more rapid growth 	

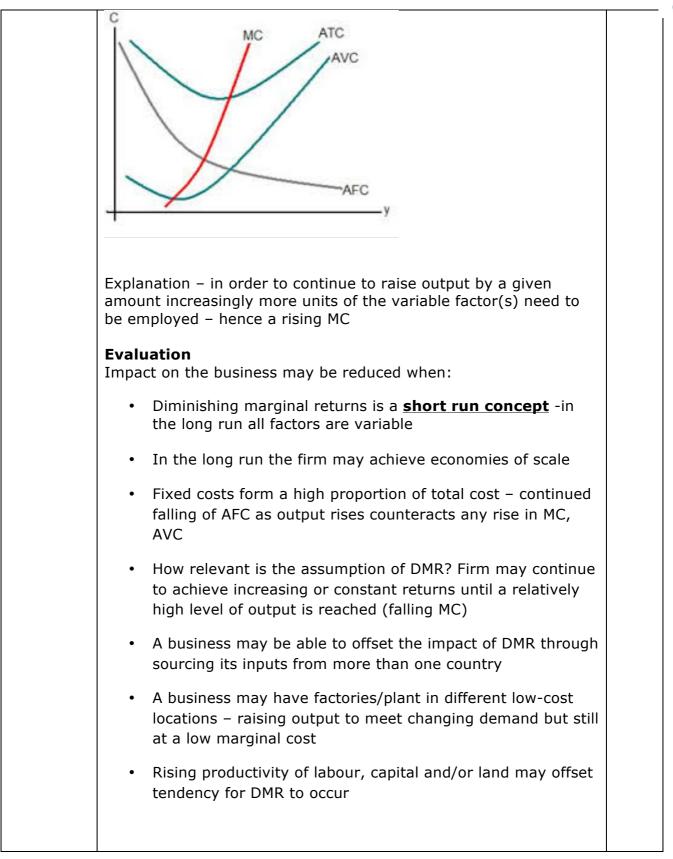


Bene	efits of merger/takover
•	Increase market share/increased market power – especially by horizontal merger
•	Gain economies of scale (e.g. by combining production capacity)
•	Secure better distribution/control of supplies – vertical merger
•	Opportunities for synergy
•	Method of acquiring brands, patents, trademarks
•	Overcome barriers to entry in new markets
•	Opportunity to take advantage of deregulation in an industry
Overa	all judgement
•	Much depends on the objectives of the owners/stakeholders – focus on short run or long run; growth or profit?
	Candidates may take either perspective for KAA and the reverse perspective for evaluation.





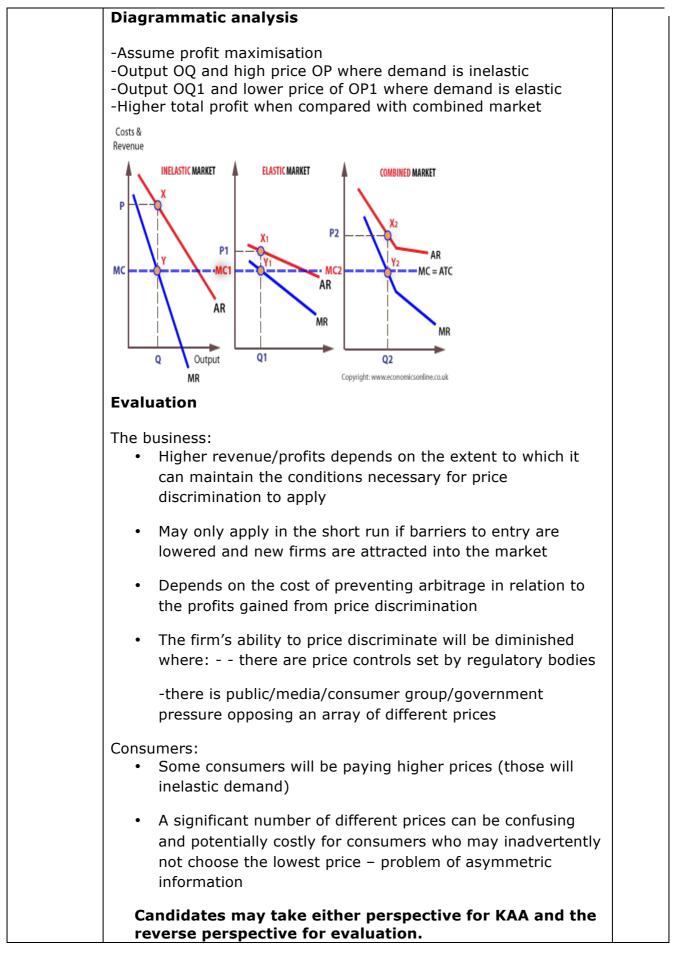






Question Number	Answer	Mark
4	Indicative content	(20)
	Define price discrimination – where a firm is charging different prices to different users for the same product/service	
	 Conditions necessary for Price Discrimination: monopoly power different PED's for different consumer groups arbitrage: supplier is able to split, and maintain separation of, the distinct consumer groups (no switching between consumers). 	
	 Charging higher prices to those consumers whose demand is relatively inelastic and lower prices to those consumers whose demand is relatively elastic 	
	Extraction of consumer surplus to increase producer surplus	
	 Examples – airlines, railways, energy providers, cinema tickets, sporting event tickets 	
	 Benefits to a large business: Higher total profit Increased revenue/increase size of market More effective use of resources – e.g. for transport firms, less strain at peak times, more revenue at off peak times to cover costs Cross-subsidisation of different business activities to avoid losses e.g. profits from peak time travel subsidises off peak travel Profits reinvested to improve dynamic efficiency and increase long term competitiveness in the market Benefits to consumers: Some consumers will be paying lower prices (elastic demand). Of particular benefit to low income groups May result in more choice of products/service Encourages further investment by firms which can improve quality and possibly lower prices due to effects of dynamic efficiency 	







	Secti	on A Questions: Performance Criteria for Mark base 20
Level 0	0	No rewardable material
Level 1	1-4	Displays knowledge presented as facts without awareness of other viewpoints
		Demonstrates limited understanding with little or no analysis
		 Attempts at selecting and applying different economic ideas are unsuccessful
		Material presented is often irrelevant and lacks organisation.
		Frequent punctuation and/or grammar errors are likely to be
		present and the writing is generally unclear.
Level 2	5-8	 Displays elementary knowledge of well learnt economic facts showing a generalised understanding together with limited analysis i.e. identification of points or a very limited discussion Displays a limited ability to select and apply different economic
		ideas
		 Material presented has a basic relevance but lacks organisation, but is generally comprehensible. Frequent punctuation and/or grammar errors are likely to be present which affects the clarity and coherence of the writing overall.
Level 3	9-12	 Displays knowledge and understanding of economic principles, concepts and theories as well as some analysis of issues i.e. answer might lack sufficient breadth and depth to be worthy of a higher mark Shows some ability to apply economic ideas and relate them to
		economic problems
		Employs different approaches to reach conclusions
		 Material is presented with some relevance but there are likely to be passages which lack proper organisation. Punctuation and/or grammar errors are likely to be present which affect the clarity and coherence.
Level 4	13-	Displays a good knowledge of economic principles, concepts and
	16	theories together with an analysis of the issues involved
		Demonstrates an ability to select and apply economic ideas and to
		 relate them to economic problems Evidence of some evaluation of alternative approaches leading to
		 conclusions Material is presented in a generally relevant and logical way, but this may not be sustained throughout. Some punctuation and/or grammar errors may be found which cause some passages to lack clarity or coherence.
Level 5	17- 20	 Displays a wide range of knowledge of economic principles, concepts and theories together with a rigorous analysis of issues
		• Demonstrates an outstanding ability to select and apply economic ideas to economic problems
		• Evaluation is well balanced and critical leading to valid conclusions
		 Material is presented in a relevant and logical way. Some punctuation and/or grammar errors may be found, but the writing
		has overall clarity and coherence.



Section B: Data response

Question Number	Answer	Mark
5(a)	Knowledge and Application (up to 4 marks) Knowledge – up to 2 marks Oligopoly (1) with one characteristic of oligopoly e.g. small number of dominant large firms (1). May or not be a large number of amplier firms (1). Interdependence of firms (1). Use	(4)
	of smaller firms (1). Interdependence of firms (1). High concentration ratio (1). Application – up to 2 marks Calculation of concentration ratio – 3 firm 63(%), 4 firm (75%), 5 firm (85%), 7 firm (95.2%). (2 marks for an accurate calculation) Figures show current account holders only, not taking into account any other form of customers (2) Rest of the banks have 4.8% between them (1) Any other valid application point – up to 2 marks	



Question Number					Mark
5(b)	Knowled content	Knowledge, Application and Analysis – Indicative (12)			
cond char • Mod qual • Ban shar • Com • Extr fixin • Purp prev as a • Ban	duct price oges el predict ity of ser ks may co ks may co pose of co vent price monopo ks may lo	owice, opening hours ompete by opening ough internet bankin o suggests collusion general lack of comp ollusion is to achieve and revenue instat ly to consumers ook to merge or take	ition – in this , gift cards, lo new branches mg services may be preso petition e joint-profit r pility in an ind	loans and ove case - range o oyalty points, a s – attempting ent in the form maximisation v ustry. Firms a anks in the ma	erdrafts, bank of financial products, advertising to gain market n of interest rate within a market or re, in effect, acting
Ban Level	Marks	row through diversing Descriptor			
0	0	A completely inacc	urate respons	20	
1	1-3	Shows some aware market. Material presented Frequent punctuati present and the wr	eness of how is often irrele ion and/or gra	firms compete evant and lack ammar errors	s organisation.
2	4-6	Understanding of h with some applicat	iow firms com ion to contex ed with some lack proper o	npete in a cond t. relevance but organisation. P	there are likely to unctuation and/or
3	7-8	Clear understandin market, with effect Material is present punctuation and/or has overall clarity	ive applications ed in a releva r grammar er	n to context. nt and logical rors may be fo	



Evaluation	– Indica	tive content			
	• I	n an oligopolistic market firms are interdependent – the ctions of one firm is likely to prompt a reaction from others			
		Government investigations may result in banks competing nore in areas such as fees for overdrafts and late payments			
	 More competition from new entrants influence incumbent firms behaviour – pressure to become more competitive (or defensive) 				
	n	Government competition policy may discourage further nerger activity and collusion between banks Ion price competition methods may be costly and ineffective			
Level	Marks	Descriptor			
0	0	No evaluative comments.			
1	1-2	For identifying evaluative comments without explanation.			
2	3-4	For evaluative comments supported by relevant reasoning.			



Question			Mark		
Number 5(c)			(12)		
	, Applica	tion and Analysis – Indicative content	(/		
	• D to	efine contestable market – one with few, if any barriers o entry and exit. Lower sunk costs.			
	 The <u>threat</u> of new competitors acts as a pressure on firms to, for example,: 				
	– lower - increas - becom	e supernormal profit/ earn normal profit prices se output ne more efficient ore competitive			
	• It	ntry of TSB can potentially increase contestability automatically lowered the market share of Lloyds – the argest bank			
	 It may have an impact on the other banks in the market and alter their market behaviour in order to become more competitive 				
	Possibility of hit and run tactics in the market				
		ata refers to emergence of other new entrants – M&S, esco & Virgin Money			
	pi co	ew rules making it easier for customers to switch banks rovides opportunities for greater competition and ontestability. A significant reduction from 8 weeks to 1 reek			
		rend towards more online banking may provide greater pportunities for new entrants			
Level	Marks	Descriptor			
0	0	A completely inaccurate response.			
1	1-3	Shows some awareness of a contestable market. Material presented is often irrelevant and lacks organisat Frequent punctuation and/or grammar errors are likely t present and the writing is generally unclear.			
2	4-6 Understanding of a contestable market with some application. Material is presented with some relevance but there are likely to be passages which lack proper organisation. Punctuation and/or grammar errors are likely to be present which affect the clarity and coherence.				
3	7-8	Clear understanding of a contestable market with effective application to context. Material is presented in a relevant and logical way. Some punctuation and/or grammar errors may be found, but t has overall clarity and coherence.	e		



Evaluation	Evaluation – Indicative content			
	• T h • C ta b le • C la • M (1 b	SB has a relatively small market share so it may not ave any significant effect on the other banks other new entrants (M&S etc.) are very small in relation of the dominant banks in the market xtract 1 refers to entry and exit barriers – having small ranches and cost of new technology (a sunk cost) – may eave smaller entrants at a competitive disadvantage contestability will depend on the degree of customer by alty lay require government intervention e.g. deregulation, subsidies, limits on growth of larger anks), to encourage more firms to enter the market an smaller banks survive in the long run?		
Level	Marks	Descriptor		
0	0	No evaluative comments.		
1	1-2	For identifying evaluative comments without explanation.		
2	3-4	For evaluative comments supported by relevant reasoning.		



Question		Mark
Number		(1.2)
5(d) Knowledge	e, Application and Analysis – Indicative content	(12)
Knowledge	Size of business – may include reference to: number of branches, number of customers, annual profits, capital invested, annual revenue. Types of efficiency – productive, allocative, dynamic	
	Benefits of being large:	
	 Gain economies of scale – define – fall in LRAC as size of firm (bank) increases 	
	Average cost	
	 Larger bank able to lower AC to OC1 by increasing output from OQ to OQ1 (scale, number of branches) 	
	 Application of types of economy of scale may include: Technical – larger branch size, capital investment (unlike TSB) Marketing – advertising economies. More choices of media Managerial – more specialist managerial staff Purchasing – bulk buying – equipment, office supplies etc. 	
	Consideration of productive efficiency (lowest point of AC)	
	Larger bank has the funds to invest more in new technology – dynamic efficiency	
	These advantages may be passed on to the consumer in the form of: - lower charges - wider range of services - more efficient service	



Level	Marks	Descriptor
0	0	A completely inaccurate response.
1	1-3	Shows some awareness of the efficiency gains of a larger firm. Material presented is often irrelevant and lacks organisation. Frequent punctuation and/or grammar errors are likely to be present and the writing is generally unclear.
2	4-6	Understanding of the efficiency gains of a larger firm, with some application to context. Material is presented with some relevance but there are likely to be passages which lack proper organisation. Punctuation and/or grammar errors are likely to be present which affect the clarity and coherence.
3	7-8	Clear understanding of the efficiency gains of a larger firm, with effective application to context. Material is presented in a relevant and logical way. Some punctuation and/or grammar errors may be found, but the writing has overall clarity and coherence.
Evaluation	- Indica	tive content
	in p • La in • Q ca • G w	arger banks may experience diseconomies of scale – ndependent divisions, communication and co-ordination roblems (see Extract 2) arge banks may become complacent and have little ncentive to innovate and invest – x-inefficiency quality of service may be impaired – impersonal, call entres etc. Personal service of small banks(Extract 3) frowth of internet banking can be a benefit to small as yell as large banks – so no real advantage for large banks
		ndidates may reverse KAA & Evaluation
Level	Marks	Description
0	0	No evaluative comments.
1	1-2	For identifying evaluative comments without explanation.
2	3-4	For evaluative comments supported by relevant reasoning.



Question Number	Answer	Mark
Number 6(a)	Knowledge and Application (up to 4 marks) Knowledge – up to 2 marks: Rising index may be due to: A rise in the exchange rate (1) - making export prices higher (1) Inflation (1) – making export prices higher (1) Increased demand for exports (1) – exporters are able to raise prices as a result of higher demand (1) Rising costs of production (1), passed on to consumers (1) Accept any other valid point – up to 2 marks Application up to 2 marks: Index of export prices grew from 83 in 2007 to 132 by 2011 (1), a difference of 49 (2) – a rise of 59% (2) Export prices rose by 32% from 2009 to 2011 (2)	(4)
	Accept any other valid point (2marks if valid calculation)	



Question			Mark
Number			
6(b)			(12)
Knowledge, Application and Analysis – Indicative content			
	the exter on world Kenya competi • R • R fc • G • G • L · c • L	ose to 96th most competitive nation in the world apid development in financial markets – making it easier or savers and particularly investors in the economy Good innovation rating – high company spending on R &D which should lead to higher productivity/efficiency ower non-wage costs – making Kenyan goods more price ompetitive ncreases in government spending on education in ercentage terms- better educated population/workforce	
	re	esulting in greater output & improved quality of output	
Level	Marks	Descriptor	• •
0	0	A completely inaccurate response.	
1	1-3	Shows some awareness of the concept of international competitiveness. Material presented is often irrelevant and lacks organisati Frequent punctuation and/or grammar errors are likely to present and the writing is generally unclear.	be
2	4-6 Understanding of the benefits of the concept of international competitiveness with some application to context. Material is presented with some relevance but there are likely to be passages which lack proper organisation. Punctuation and/or grammar errors are likely to be present which affect the clarity and coherence.		kely to and/or
3	7-8	Clear understanding of the concept of international competitiveness with effective application to context. Material is presented in a relevant and logical way. Some punctuation and/or grammar errors may be found, but th writing has overall clarity and coherence.	



Evaluation		tive content	
	• I e • L ir s • R	s not internationally competitive – Il heath leading to low productivity and low life expectancy ow overall provision of education compared to middle- ncome countries – just 35% of population complete econdary education; 10% have never attended school Relatively high unit labour costs – likely to make Kenyan	
	c	oods less competitive unless offset by lower non-wage osts	
	с	Significant rise in index of export prices – so exports less competitive unless matched by higher export prices of competing nations (data does not show relative prices)	
		% figures for education spending – not spending in real erms nor per capita	
	Overall judgement		
	NB: candidates may reverse KAA & Evaluation		
Level	Marks	Descriptor	
0	0	No evaluative comments.	
1	1-2	For identifying evaluative comments without explanation.	
2	3-4	For evaluative comments supported by relevant reasoning.	



Question			Mark
Number 6(c)			(12)
	e, Applica	tion and Analysis – Indicative content	()
	• G w p la	Greater levels of spending on education and training – which will raise investment in human capital and improve roductivity levels. Should also result in reduction in unit abour costs	
		lore spending on health care – healthier more roductive workforce	
	e	ncentives for investment/exporters- more tax breaks for xporters, extension of the EPZ programme, lower nterest rates	
	ta re Ci	Deregulation – to attract FDI (Extract 2) – remove red ape, lower start-up costs. Rates of FDI/GDP (0.6%) are elatively low. Perhaps use EPZ as a model for ompetitiveness in other parts of the economy, not just or exporters	
		rotectionist measures – devalue the currency, subsidies o domestic producers, import controls	
		abour market reforms- increased flexibility of labour to aise efficiency levels and labour mobility	
Level	Marks	Descriptor	•
0	0	A completely inaccurate response.	
1	1-3	Shows some awareness of government measures to imp international competitiveness. Material presented is ofte irrelevant and lacks organisation. Frequent punctuation grammar errors are likely to be present and the writing generally unclear.	n and/or
2	4-6		
3	7-8	Clear understanding of government measures to improve international competitiveness with effective application to context. Material is presented in a relevant and logical way. Some punctuation and/or grammar errors may be found, but to writing has overall clarity and coherence.	e



Evaluation	Evaluation – Indicative content		
	p se y	Tenyan government is already committing high roportion of spending to education. Given low rates of econdary education completion this could take many ears to become effective and may prove very expensive or the government	
		uccess in attracting FDI is also dependent on the elative attractiveness of other economies	
	tr	ttracting more FDI may result in further instances of ransfer pricing/tax avoidance - inflicting damage to conomic well being	
	• L	ower interest rates may be inflationary	
	C	evels of investment will depend on longer term onfidence in the economy – incentives may be nsufficient/ineffective where confidence is low	
	h	opportunity cost of government spending – more on ealth care may mean less for business sector (at least in ne short run).	
	e	ime lags of policies – e.g. tax breaks may be more ffective in the short term but investment in ducation/health may have more long term impact	
	• 0	overall judgement	
	NB: candidates may reverse KAA & Evaluation		
Level	Marks	Descriptor	
0	0	No evaluative comments.	
1	1-2	For identifying evaluative comments without explanation.	
2	3-4	For evaluative comments supported by relevant reasoning.	



Question Number			Mark
6(d)			(12)
	Annlica	tion and Analysis - Indicative content	(12)
Intervieuge	• L	egal action against TNC's which break rules on transfer ricing- recover unpaid taxes from TNC's	
	re	ightening up rules (laws) on transfer pricing – more evenue for government which can be used for the enefit of Kenya's citizens/economy	
	 Stronger legislation and regulation of TNC activities - employment laws, job protection for employees, health & safety, minimum wages, price and profit regulation: – to alleviate poverty and exploitation, to restrict exploitation of consumers, to improve quality standards 		
	– b -	Competition policy - controls over mergers and takeover: to limit purchase of larger Kenyan-based businesses y foreign investors incentives for domestic firms – to enable Kenyan firms	
		o compete more effectively	
Level	Marks	Descriptor	
0	0	A completely inaccurate response.	
1	1-3	Shows some awareness of the effectiveness of policies to the operation of TNC's. Material presented is often irrele lacks organisation. Frequent punctuation and/ unclear.	
2	4-6	Understanding of the effectiveness of policies to control operation of TNC's with some application to context. Material is presented with some relevance but there are be passages which lack proper organisation. Punctuation grammar errors are likely to be present which affect the and coherence.	likely to and/or clarity
3	7-8	Clear understanding of the effectiveness of policies to co operation of TNC's with effective application to context. Material is presented in a relevant and logical way. Some punctuation and/or grammar errors may be found, but t has overall clarity and coherence.	e



Evaluation	n – Indicative content		
	e	come TNC's are very powerful – Kenya is not a powerful conomy	
	T C	Tenyan government may be concerned of the threat of NCs pulling out of the economy – negative onsequences on economic growth, jobs, incomes, ompetitiveness etc.	
		DI is needed to attain sustainable economic growth World Bank: Extract 2)	
		Difficulties in imposing national laws and regulations on ransnational organisations	
	• U	Inwillingness of TNCs to comply	
		luch may depend on the business environment in similar rival" economies – e.g. Rwanda & Tanzania	
	 Ranking of measures – which ones may be more effective and why? 		
	Short term/long term impact		
	• K	enya may be too weak to act alone	
Level	Marks	Descriptor	
0	0	No evaluative comments.	
1	1-2	For identifying evaluative comments without explanation.	
2	3-4	For evaluative comments supported by relevant reasoning.	



