

Mark Scheme (Results)

Summer 2014

Pearson Edexcel International Advanced Level (IAL) Economics (WEC03) Unit 3

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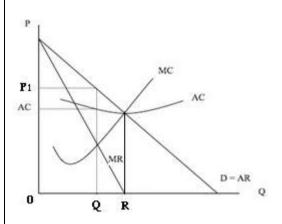
General Marking Guidance

- 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.

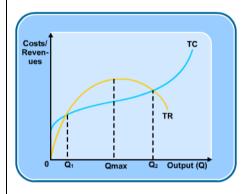
Section A: Essay questions NB: Use levels based mark scheme (20 marks) to mark this section.

Question Number	Answer	Mark
1	Indicative content	(20)
	Define: private sector businesses, short run & long run	
	Explanation of profit maximisation, may include:	
	MC = MR defined and explained (Accept TR - TC at maximum value)	
	Profits will be lower at any other output level	
	 Distinction between normal and supernormal profit 	
	Diagram to show equilibrium price and output (can be perfect competition or monopolistic competition or monopoly – short or long run)	
	 A possible diagram may show: MC = MR for a perfectly competitive firm (short or long run) 	
	e.g. long run perfect competition — firm makes normal profit where MC = MR	
	Revenue In the long run the firm operating under perfect competition is allocatively and productively efficient at point A, where P = MC, and ATC = MC MC ATC ATC Output Copyright: www.economicsonline.co.uk	

OR: for a monopolist - a choice of outputs is possible. OQ shows profit max. but OR shows sales max making normal profit (AC = AR)



OR: a TR,TC diagram to show profit maximisation where TR – TC is maximised



A business may seek to gain market share by using branding, limit pricing, predatory pricing — may be at the expense of profit maximisation Evaluation:

- Other business objectives e.g. revenue maximisation, sales maximisation, behaviouralmay be more important Reasons why – sales or revenue maximisation to gain market share and limit opportunities for competitors (see monopoly diagram above) behavioural – divorce between ownership and control, goals of managers vs shareholders
- Distinction between short and long run under perfect competition or monopolistic competition firms can only make normal profit in the long run (profit max.) so this must be a long term objective – may be shown on the diagram

- For a monopolist/oligopolist other objectives may be as important – e.g. sales maximisation where AR = AC. Use of predatory pricing to achieve this objective
- The business may be receiving financial support from the government
- High profits may attract government attention so an incentive to keep profits lower. The market may be contestable so a monopolist can choose to earn normal profit to deter potential entrants
- Difficulty in determining profit maximising price and output values in the real world

Question	Answer	Mark
Number 2	Indicative content Definition of conglomerate – firm expands into different markets/industries Explanation of the term demerger – selling off a part of the business Possible impact: Lower LRAC as the business was previously experiencing diseconomies of scale The business becomes more efficient – less x-inefficiency Increase in profits as a result of lower LRAC Increase in funds through the sale of assets The firm avoids intervention from the competition authorities The firm uses funds raised to invest in more R & D and becomes more dynamically efficient Diagram to show impact of the decision. The firm is currently experiencing diseconomies of scale - output OQ on LRAC curve. Following demerger output falls to OR – movement along LRAC and to the left. Therefore a fall in LRAC – with a move towards MES. AC falls from OB to OC	(20)

Evaluation

- The impact on economies/diseconomies of scale
 may be the most important factor as it affects
 the business in the long run
- Raising of funds through sale- the impact depends on how the funds are used - e.g pay outstanding costs or debts (more short term) compared with used for further investment (more long term)
- Firm may regret decision (in long run) –
 demerged component performs well under new
 ownership, undervalued market price at time of
 sale
- May result in the firm no longer being large enough to fully exploit benefit from economies of scale – it is now smaller than MES
- The firm is no longer spreading the risk so it is more vulnerable to changing demand and the success of its competitors

Question	Answer	Mark
Number 3	Indicative content Definition of collusion – where firms agree to cooperate in their pricing and output policies. Applies where the market is an oligopoly. Collusion provides firms with the ability to fix prices and limit output Impact on firms may include: • Ability to each earn higher supernormal profits Coat Supernormal Profit AG AG Barriers enable firms to restrict competition • Reduces unpredictability and uncertainty in the market • RESPONSES MAY EXPLORE THE IMPACT ON FIRMS WHICH ARE NOT PART OF THE COLLUSIVE AGREEMENT – lower market share, potential losses, leave the market etc.	(20)
	Impact on consumers may include: • Higher prices • Less choice • Fall in consumer surplus NB: The likely impact on BOTH firms AND consumers must be considered	

Evaluation

- Increased profits to firms and greater certainty may encourage firms to increase R and D leading to improved products for consumers
- Firms may compete using non-price methods special offers, loyalty schemes etc.
- Prices may be less volatile making it easier to plan future consumer expenditure
- Impact on consumers depends on value of PED
 e.g. availability of substitutes
- Benefits are more likely to apply to firms than consumers – rise in producer surplus at the expense of consumers
- Benefits to firms may be short-lived if one or more colluding firms break away from the agreement
- Falling demand creates tension between firms
 e.g. during an economic downturn
- The entry of new firms into the industry may break existing collusive agreements
- Exposure of illegal price fixing by the government or other regulatory agencies causes agreements to end
- Any consumer benefits from R & D are likely to apply mainly in the long run

Question	Answer	Mark
4	Indicative content Types of government intervention may include Local sourcing Joint ventures with local businesses barriers to entry to foreign firms subsidies to domestic firms improvements to the infrastructure limits on monopsony power – e.g. minimum price for suppliers Reasons for government intervention may include: to stimulate growth and employment in the local economy to promote competition to reduce the power of monopsonists Effects may include: "fairer" prices for suppliers (supermarkets, fair trade) employment opportunities due to higher returns and more trade for suppliers reduced power of monopsonies prevents suppliers from leaving the market reduces exploitation of employees of the suppliers Evaluation Positive benefits to the economy in terms of growth, competition and employment Distinction between SR and LR – is the support for suppliers sustainable in the long run? Costs of intervention – both financial and opportunity cost. Can the costs be justified? What are the implications for taxpayers and other recipients of government finance? Might be perceived as a form of protectionism and provoke retaliation May result in higher prices for domestic consumers Monopsonists decide to buy from other sources The possibilities of government failure – costs outweigh benefits	(20)

Sec	tion 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- 16	 Displays a good knowledge of economic principles, concepts and 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.

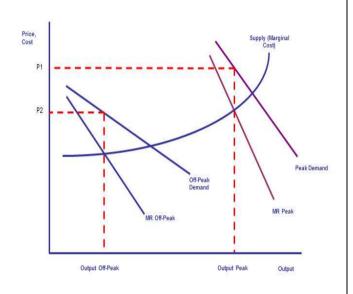
Section B: Data response

Question Number	Answ er	Mark
5(a)	Knowledge and Application (up to 4 marks) Knowledge – up to 2 marks Define profit: – the difference between total revenue and total cost (2); the value of what is left once all costs have been paid for (2) Imprecise definition will score 1 mark	(4)
	A fall in profit occurs if the gap between revenue & costs widens - falling revenue/rising costs (2) Inverse relationship between price and quantity demanded PED and the effects on revenue Application - up to 2 marks:	
	Fall in demand for car insurance due to higher prices – fewer young people willing to drive especially young female drivers The lower premiums for young male drivers may have adversely affected LV's profits The car insurance market may have become more	
	competitive – new entrants, price wars, LV not able to compete effectively LV may have experienced rising costs More competition may lower profit levels for LV	

Question Number		Mark
5(b)		(12)
· /	Application and Analysis – Indicative content	,
. ,	Application and Analysis – Indicative content Extract 1 refers to a wide range of fares for this journey. Many candidates will answer this question by looking at price discrimination. However, a product differentiation approach is equally valid – the distinction between first class and second class journeys, choice of route etc. Either approach is likely to develop an answer based on different demand conditions/price elasticities - The effect on revenue depends on how demand responds to the different prices – price elasticity of demand • Conditions necessary for Price Discrimination – monopoly power; different PED's of consumer groups; supplier able to split, and maintain separation of, the distinct consumer groups (no switching between consumers). • Apply to the data -the company is charging higher prices to those consumers whose demand is relatively elastic and lower prices to those consumers whose demand is relatively elastic e.g. Blackpool –London £16.50. • Diagram Costs & Revenue MRANTI MARKET AR MR COMBINED MARKET AR MR Copyright www.accomol.cordine.ro.ut	(12)
	MR Copyright: www.economicsonline.co.uk	

An alternative approach – using marginal cost – upward sloping supply curve)

 lower marginal cost where lots of spare capacity (off peak and elastic demand) – charging P2, higher MC at peak times (and inelastic demand) – adding more coaches or additional trains to meet demand – charging P1



Level	Marks	Descriptor	
0	0	A completely inaccurate response.	
1	1-3	Shows some awareness of the concept(s) of demand/price discrimination/product differentiation 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 concept(s) of demand/price discrimination/product differentiation, 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 concept(s) of demand/price discrimination/product differentiation 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.	

Evaluatio	Evaluation – Indicative content			
	An incre	rase in revenue will depend on: the extent to which it can maintain the 3 conditions necessary for price discrimination to opply Thether other train operators/coach companies enter the market and provide a milar service opany's ability to price discriminate will be ned where: there are price controls set by regulatory odies there is public/media/consumer oroup/government pressure opposing the large umber of prices for the same journey		
Level	Marks	Descriptor		
0	0	No evaluative comments.		
1	1-2	For identifying evaluative comments without ex	xplanation.	
2	3-4	For evaluative comments supported by relevar	nt reasoning.	

Question Number	Answer		Mark
5(c)			(12)
` '	Applica	tion and Analysis — Indicative content	,
	A in le	ppropriate forms of government tervention – for example: maximum price, gislation, deregulation. aximum price – restricts the ability of firms o charge very high prices to some onsumers egislation – direct intervention to prevent rms from "discriminating" (as in the car surance case – Extract 2) eregulation – allowing more firms to ompete in the market, restricting the power f a firm to price discriminate enefits to consumers – • lower prices for some consumer groups and a gain in welfare – a rise in consumer surplus for those groups e.g peak time rail users • simplified pricing structures – evidence from Fig. 1 & extracts 1 & 2 • may result in a greater choice of providers if powers of existing providers are restricted	
Level	Marks	Descriptor	
0	0	A completely inaccurate response.	
1	1-3	Shows some awareness of the positive effect government intervention to restrict the practice discrimination. Material presented is often irrelevant and lacorganisation. Frequent punctuation and/or gerrors are likely to be present and the writing generally unclear.	tice of price cks rammar
2	4-6	Understanding of the positive effects of government in the practice of price discrimination, with some application to con Material is presented with some relevance be likely to be passages which lack proper organ Punctuation and/or grammar errors are likely present which affect the clarity and coheren	text. ut there are inisation. ly to be ce.
3	7-8	Clear understanding of the positive effects of government intervention to restrict the practice discrimination with effective application to communication and logical punctuation and/or grammar errors may be the writing has overall clarity and coherence.	tice of price ontext. al way. Some found, but

Evaluatio	Evaluation - Indicative content			
	 May increase prices for some consumer groups – e.g women drivers in the European Union (Extract 2) May discourage the firm from offering low price deals to consumers with elastic demand May result in a fall in supply and in the long run discourage investment which may have lead to lower costs and prices Legislation may be difficult to monitor and enforce 			
	leading to high administration costs			
Level	Marks	Descriptor		
0	0	No evaluative comments.		
1	1-2	For identifying evaluative comments without explanation.		
2	3-4	3-4 For evaluative comments supported by relevant reasoning.		

Question	Answer Mark			
Number		(40)		
5(d)	A 1.'	(12)		
Knowleage	, Application and Analysis – Indicative content			
		ature of market structure – railways display		
	fe	eatures of a <u>natural monopoly</u> . Factors		
	liı	miting competition may include:		
	-Very hi	gh capital (sunk) costs — deter entry & exit		
	•	ation of resources — trains, track, stations nnecessary and wasteful		
	extract producti produce Diagram	- MES occurs at a very high level of output (from extract -long trains carrying a lot of passengers) - productive efficiency. More efficient to have one producer. Diagram AC Price		
	of natur monopo	market demand and still achieve		
		LRAC		
		DEMAND (AR)		
		50 100 200 Quantity		
Level	Marks	Descriptor		
0	0	A completely inaccurate response.		
1	1-3	Shows some awareness of the factors restric	cting the	
		possibilities of competition. Material present	ed is often	
		irrelevant and lacks organisation. Frequent p		
		and/or grammar errors are likely to be prese	ent and the	
		writing is generally unclear.		
2	4-6	Understanding of the factors restricting the		
		of competition, with some application to con		
		Material is presented with some relevance by		
		likely to be passages which lack proper orga		
		Punctuation and/or grammar errors are likel	-	
0	7.0	present which affect the clarity and coherence		
3	7-8	Clear understanding of the factors restricting		
		possibilities of competition with effective app	Discation to	
		context.		
		Material is presented in a relevant and logical	_	
		punctuation and/or grammar errors may be		
		the writing has overall clarity and coherence		

Evaluation – Indicative content		
		A method of competition exists in the form of franchising. The degree of competition depends on:
		— the number of bidders
		- how long the franchise lasts for — a shorter time span would increase competitive pressure
		-the extent of government controls (regulatory powers) of the franchisee.
		 Competition applies to the running of the service (e.g. trains) but would be allocatively inefficient if applied to the infrastructure (track, signalling etc).
		 Price and quality of other transport services (eg road (bus, private car) and air travel, can exert competitive pressures on rail services. Competitive demand and the degree of substitutability.
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.

0 1:	Α	N.A
Question	Answer	Mark
Number		
6(a)	Knowledge and Application (up to 4 marks) Knowledge: up to 2 marks Definition of FDI – overseas capital investment into an economy (2) Imprecise definition for 1 mark e.g. refers to buying shares (portfolio investment) Reasons – e.g. a means of expanding; to take advantage of lower cost locations 1 mark per reason given	(4)
	Application: up to 2 marks FDI growing in China but falling in India (1) A more detailed comparison of the 2 trends - e.g. both FDI's fell in 2009 followed by a subsequent sharp rise for China whilst further decline for India FDI into China has risen by \$78.3b or 44.7% whereas FDI into India has fallen by \$18.1b or -41.7%. India's FDI was 24.8% of China's in 2008 and 10% of China's in 2013. Any other valid calculations for 2 marks China's emergence as a major economy; significant market opportunities for international businesses with a growing market of Chinese consumers - more so than in India 2 marks for any applied reason	

Question Number	Answer	Mark
6(b)		(12)

Knowledge, Application and Analysis – Indicative content Benefits –

- Ikea can increase profits/revenues
- Ikea can expand into economies where costs are lower examples from Extract 1
- Opens up access to more markets emerging markets from Extract 1
- Spreads risk of failure
- Less vulnerable to trade barriers fewer imports
- Locate nearer to markets lower transport costs
- More scope for economies of scale & competitive advantage
- May operate transfer pricing to reduce tax liabilities
- Avoids tougher legislation in other economies
- Increases its brand identity

Level	Marks	Descriptor
0	0	A completely inaccurate response.
1	1-3	Shows some awareness of the potential benefits of growing as a TNC. 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 potential benefits of growing as a TNC, 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 potential benefits of growing as a TNC, 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 -	Evaluation – Indicative content		
	 Sh Un lav Po Re Ha 	itial high costs ort term losses — only started to make ofit after making big price cuts ifamiliarity with markets/economies — vs, customs, tastes etc tential diseconomies of scale esistance from local consumers aving to contend with bureaucracy — perwork etc.	
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	Answer Mark		
Number		(12)	
6(c)	Application and Applyois Indicative conten	(12)	
Knowleage	Measures to attract FDI (TNCs) may include domestic governments: Offering tax advantages – exemptions, lower rates Providing other financial incentives (grants, subsidies etc.), especially for exports and R & D Removing excessive paperwork and administrative barriers Funding improved infrastructure Removing trade barriers Increasing flexibility in markets (including		
	 labour markets) Loan guarantees and lower interest rates 		
Level	Marks Descriptor		
0	O A completely inaccurate response.		
1	1-3 Shows some awareness of measures use (TNCs) into an economy Material presented is often irrelevant and organisation. Frequent punctuation and/are likely to be present and the writing is	d lacks or grammar errors	
2	4-6 Understanding of the measures used to a economy with some application. Material is presented with some relevant likely to be passages which lack proper of Punctuation and/or grammar errors are which affect the clarity and coherence.	ce but there are organisation.	
3	7-8 Clear understanding of the measures use into an economy with effective application Material is presented in a relevant and loop punctuation and/or grammar errors may writing has overall clarity and coherence	on. ogical way. Some be found, but the	

Evaluation - Indicative content			
Lvaruation	Ranking implemed advanta term — eximplemed infrastrum any migovernmed eximplemed in the relation of the level and futuation. The particular compared in the	of measures — some measures may be ented quickly — financial incentives, tax ges but others may be more effective longer e.g. supply side measures such as improved acture, labour flexibility easures have cost implications for the nent eness of measures depends on: ative level of incentives on offer — how they e with "rival" economies el of confidence in the economy - present are ce of economic reform and development— e.g.	
Level	Marks	Descriptor	
0	0	No evaluative comments.	
1	1-2	For identifying evaluative comments without ex	kplanation.
2	3-4	For evaluative comments supported by relevan	t reasoning.

Question	Answer		Mark
Number			(12)
6(d) Knowledge	Applica	ation and Analysis – Indicative content	[(12)
Knowledge	Role of presents faith grosspills) Coale of presents of the coale of the	ods of government control: Tightening up on tax laws — making it more difficult for TNCs to avoid taxes, reducing opportunities for transfer pricing — refer to Extract 3 Tighter legislation and regulation of TNCs' activities — employment laws, health & safety Competition policy — encouraging domestic firms to compete or restricting market powers of TNCs Price controls Price controls Pressure groups —trade unions, charities and pups (Extract 3), Greenpeace (e.g. BP oil ampaigns, TU action, protests, consumer ampaigns e.g. Fair Trade sublic pressure, adverse media coverage- Nike manging suppliers following "sweatshop" isclosure ay alter behaviour as a result — public image, term economic benefits, ethics.	
Level	Marks	Descriptor	
0	0	A completely inaccurate response.	
1	1-3	Shows some awareness of the effects of gover and/or pressure groups. Material presented is often irrelevant and lacks organisation. Frequent punctuation and/or gra are likely to be present and the writing is gene	s mmar errors
2	4-6	Understanding of the effects of government copressure groups, with some application to con Material is presented with some relevance but likely to be passages which lack proper organic Punctuation and/or grammar errors are likely which affect the clarity and coherence.	ontrol and/or text. there are sation.
3	7-8	Clear understanding of the effects of governm and pressure groups with effective application Material is presented in a relevant and logical punctuation and/or grammar errors may be fo writing has overall clarity and coherence.	to context. way. Some

Evaluation – Indicative content		
	• S	Some TNC's are very powerful — will often
	re	equire concerted joint international action
		Extract 3)
	(extract of
	• 6	Governments may be concerned of the threat
		f TNCs pulling out of the economy – negative
	С	onsequences on jobs, incomes etc.
	• D	Difficulties of imposing <i>national</i> laws and
	16	egulations on <i>transnational</i> organisations
	• A	bility of pressure groups to influence depends
		n different factors including: - size of group,
	l lc	ocal, national or international influence, media
	C	overage, TU strength, government support
	(1	national/international)
	`	,
	• V	Villingness of TNCs to comply
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.

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