



Mark Scheme (Results)

January 2015

Pearson Edexcel IAL WEC01 Paper 01 Markets in action



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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: Supported multiple choice

NB: Candidates may achieve up to 3 explanation marks even if the incorrect option is selected.

NB: Candidates may achieve up to 3 marks for explaining three incorrect options (provided three different reasons are offered and each option key is clearly rejected).

Question Number	Answer	Mark
1	Answer B (1 mark)	
	<ul> <li>Explanation (up to 3 marks)</li> <li>Definition of a mixed economy- combines free market and government intervention where necessary(1)</li> <li>Definition of a free market economy- where economic decisions are made by the price mechanism and there is no/minimal government intervention (1)</li> <li>Definition of market failure- where market forces lead to an inefficient allocation of resources (1)</li> <li>Maximum 2 marks for definitions</li> <li>Application: free market economy is likely to lead to market failure e.g. under provision of public goods/merit goods/ positive externalities/ over consumption of demerit goods/ negative externalities(1)</li> <li>Examples of public goods/ merit goods/ positive externalities/ over consumption of demerit goods/ negative externalities (1)</li> </ul>	
	<ul> <li>Rejection marks</li> <li>Option A: governments are likely to have imperfect information as firms are reluctant to make all information available/ firms have more information about their markets than their government meaning imperfect information. (1)</li> <li>Option C: incorrect because with public goods the market would not allocate enough of the product due to the free rider problem/ with demerit goods there would be overconsumption (1)</li> <li>Option D: mixed economies do experience market failure for example external costs exist which lead to an overconsumption of these goods. (1)</li> </ul>	(4)



Question Number	Answer	Mark
2	Answer D (1 mark)	
	<ul> <li>Explanation (up to 3 marks)</li> <li>Definition of a producer surplus- the difference between price customers are willing to pay and the price they actually pay/ profit for producers (1)</li> <li>Definition of substitute- product with positive XED/ closely related goods that consumers can switch consumption between/ when the price of good A increases the quantity demand of good B would increase (1)</li> <li>Application: customers could choose between cereals or fruit and yoghurt as they are alternative options for breakfast (1)</li> <li>Application: when consumers switch to fruit and yoghurts their demand for cereals will fall (1)</li> <li>This fall in demand leads to a lower price and output and producer surplus will fall (may be shown diagrammatically) (1)</li> <li>DIAGRAM (up to 2)</li> <li>Shift in demand (1)</li> <li>Producer surplus identifying original and new/ or identifying the reduction (1)</li> </ul>	
	P Reduced PS D D D1 Q1 Q Quantity	
	<ul> <li>Rejection marks</li> <li>Option A: Incorrect because an advertising campaign will increase demand for cereals and higher demand will lead to increased producer surplus (1)</li> <li>Option B: a subsidy will increase supply and this is likely to result in increased producer surplus (1)</li> <li>Option C: Reducing the size of indirect taxation will shift supply right and again is more likely to increase rather than decrease producer surplus. (1)</li> </ul>	(4)



Question Number	Mark	Mark
3	<ul> <li>Definition of imperfect information- where people have inaccurate/ incomplete/ uncertain or misunderstand data (1)</li> <li>OR Accept asymmetric information where they refer to have inferior knowledge (1)</li> <li>How is this a market failure- too little of a service is being consumed compared to the socially optimal level of output (1)</li> <li>Application- people are not fully appreciating the likely cost of an accident or injury- £1610 (1)</li> <li>So resources are misallocated away from travel insurance to other activities like ski equipment or meals on holiday (1)</li> </ul>	
	<ul> <li>Rejection marks</li> <li>Option B: Incorrect as a decrease in indirect tax on travel insurance would increase the supply and see an extension of demand (1)</li> <li>Option C: opportunity cost is the next best alternative forgone and if a person buys travel insurance they cannot then use that money on ski equipment. (1)</li> <li>Option D: incorrect as if symmetric information was available people would see the risks of being uninsured- e.g. £1610 average cost causing more to buy travel insurance (1)</li> </ul>	(4)



Question Number	Answer	Mark
4	<ul> <li>Answer B (1 mark)</li> <li>Explanation (up to 3 marks)</li> <li>Definition of public goods- goods that are non-excludable and non-rival (1)</li> <li>Example of public goods- street lights/lighthouses/defence (1)</li> <li>DO NOT AWARD Quasi-public goods</li> <li>Application- explain the free rider problem- where it is difficult to exclude consumers and they will consume the product without paying for it (1)</li> <li>This means the private sector is unlikely to provide the goods as it is difficult to get people to pay (1)</li> <li>Therefore production of these goods become unprofitable to produce (1)</li> <li>This means governments have to find funds for their production and this is the role of RPGI (1)</li> <li>Public goods example of market failure as inefficient allocation of resources- underprovided. (1)</li> </ul>	
	<ul> <li>Rejection marks</li> <li>Option A: incorrect because public goods are non-excludable so when provided you cannot stop consumers benefiting from them (1)</li> <li>Option C: public goods are non-rivalrous where the consumption by one person does not affect the consumption by another. (1)</li> <li>Option D: the governments of Latin America and the Caribbean will make these products available to all (1)</li> <li>Be careful not to double award if using same mark to rejection or explaining the correct answer</li> </ul>	(4)



Question	Answer		
Number 5	Answer C (1 mark)		
	<ul> <li>Explanation (up to 3 marks)</li> <li>Definition of buffer stock- where governments will intervene in the market to keep the price between a minimum and maximum level / buying when a surplus and selling when there is a shortage (1)</li> <li>This may be to stabilise prices/ incomes for farmers in Ghana (1)</li> <li>Application: the harvest of soya beans in 2014 sees a decrease in supply compared to 2013 (1)</li> <li>The new market equilibrium would see the price rise to P<sub>3</sub>/ quantity fall to Q<sub>3</sub> (1)</li> <li>P<sub>3</sub> is above P<sub>2</sub> which is the maximum price the government will allow so the government will intervene in the market/ price is now above ceiling/ maximum price (1)</li> <li>NAFCO will increase supply to the market by selling from their stockpile (1)</li> <li>This will reduce the price back down to P<sub>2</sub>/ increase quantity to Q<sub>2</sub> (1)</li> <li>Diagrams annotated showing that the equilibrium after intervention will move from M to L (1)</li> <li>identifying the quantity of stock released from government stockpile (KL) or (Q3Q2). (This will often be annotated by the candidate) (1)</li> <li>identifying agency revenue from the sale of stock (KLQ2Q3). (This will often be annotated by the candidate) (1)</li> </ul>		
	<ul> <li>Rejection marks</li> <li>Option A: incorrect because the price is above the maximum price so to reduce the price the government will be selling soya beans and depleting its stockpile (1)</li> <li>Option B: incorrect because the price will rise to P<sub>3</sub>/ the shift to P<sub>1</sub> would have happened had there been a good harvest/ increase in supply. (1)</li> <li>Option D: excess supply occurs when supply is greater than demand and in this case there is an equilibrium at M (1)</li> <li>Do not double award</li> </ul>	(4)	



Question Number	Answer	Mark
6	<ul> <li>Answer D (1 mark)</li> <li>Explanation (up to 3 marks)</li> <li>Definition or formula for PED- responsiveness of Quantity Demanded to a change in Price</li> <li>OR %ΔQD÷ %ΔP(1) No marks for definition or formula for YED</li> <li>PED is inelastic as PED between 0 and -1 (1)</li> <li>As the price of cigarettes in Argentina decrease the demand will rise due to the law of demand/ as elasticity is negative (1)</li> <li>If price decreased10% quantity demanded would rise 3.1%</li> </ul>	
	<ul> <li>Rejection marks</li> <li>Option A: incorrect as an increase in consumer income will lead to a less than proportionate increase in demand for cigarettes as it is inelastic (1)</li> <li>Option B: Incorrect as a decrease in consumer incomes will lead to a less than proportionate fall in demand as this is a normal good (1)</li> <li>Option C: incorrect as an increase in the price of cigarettes will lead to a less than proportionate fall in demand for cigarettes due to law of demand/ elasticity is negative (1)</li> </ul>	(4)



Question Number	Answer	Mark
Q7	Answer A (1 mark)  Explanation (up to 3 marks)  Definition of occupational immobility of labour-where people find it difficult to move between occupations/ accept occupational mobility OR geographical immobility - where people find it difficult to move between locations for employment (1)  mismatch is where the skills required by business do not match those offered by customers (1)  e.g. firms may require welders but the skills of the available workforce are in plumbing making  this makes it difficult to move between jobs (1)  with 3.9million job vacancies whilst having 11.3 million unemployed shows that those without employment are not likely to have the skills to fill the vacancies (up to 2)  candidate may suggest other causes of the job vacancies being unfilled e.g. search time involved to find work (1)  some parts of the USA may have lots of vacancies e.g. for steel workers and other states may have lots of unemployed steel workers who are unwilling to move (1)  Rejection marks  Option B Government subsidies should reduce geographical immobility. This would reduce the size of the mismatch (1)  Option C The government providing training programmes to reduce immobility is a solution since training schemes will increase skills making it easier for people to fill the vacancies (1)  Option D The unemployed possessing the necessary	
	skills would easily transfer between jobs that are available meaning labour is mobile (1)	(4)



Question Number	Answer	Mark			
8	Answer B (1 mark)				
	<ul> <li>Explanation (up to 3 marks)</li> <li>Definition of minimum wage- the legal minimum amount which labour must be paid at or above/ floor wage (1)</li> <li>Minimum wage rising 10% will cause an extension of supply by labour to benefit from higher wages (1) /Quantity Supplied of labour rises from Q<sub>3</sub> to Q<sub>4</sub></li> <li>Firms will find employing staff more expensive hence they will employ a lower quantity, Q<sub>1</sub> falls to Q<sub>2</sub> (1)</li> <li>Unemployed resources equal Q<sub>4</sub>-Q<sub>2</sub>(1) as people are willing and able to work at the higher wage but unable to find suitable employment</li> <li>Old unemployment rate was Q<sub>3</sub>-Q<sub>1</sub> (1)</li> <li>Diagram annotated to show unemployment/ excess supply of labour</li> </ul>				
	Wages per hour  W2 W1 NMW1 We  O Q2 Q1 Qe Q3 Q4 Quantity of unskilled agricultural workers				
	<ul> <li>Rejection marks</li> <li>Option A: this will cause the demand for labour to contract as wages and therefore costs are now higher (1)</li> <li>Option C it will decrease the number employed as unskilled agricultural workers from Q<sub>1</sub> to Q<sub>2</sub> (1)</li> <li>Option D: there is greater surplus not a shortage of unskilled agricultural workers (1)</li> </ul>				
	Do NOT Double Award	(4)			



**Section B: Data response**NB: KAA marks relates to those awarded for AO1, AO2 and AO3

NB: Evaluation marks relates to those awarded for AO4

Question Number	Answer	Mark
9(a)	<ul> <li>Knowledge, Application and Analysis (up to 6 marks)</li> <li>Explicit reference to Extract 1 (eg Rs 7,989 2007-08 falls to Rs 6,214 2012-13) (1)</li> <li>An increase in supply</li> <li>Because: <ul> <li>Built hotels/ 12,782 new rooms (1)</li> </ul> </li> <li>A decrease in demand (up to 2 marks)</li> <li>because: <ul> <li>Falling incomes (1)</li> <li>Occupancy falling 71.5 to 58.3% (1)</li> <li>business and leisure travellers, both domestic and international, are less willing and able to stay in hotels (1)</li> </ul> </li> </ul>	
	Diagrammatic analysis which shows: <ul> <li>original S and D (1)</li> <li>a shift to the left of the demand curve (1)</li> <li>a shift to the right of the supply curve (1)</li> <li>original and new equilibrium price and quantity (1)</li> </ul>	
	P D D	
	Q1 Q Q of hotel rooms	
	NB: Award a maximum of 4 marks if no diagram. Award a maximum of 5 if supply or demand not shifted	(6)



	Mark
Number	
9(b)  Knowledge Application and Applyois Indicative content	
Nowledge   Application and Analysis - Indicative content	
	(4)



Question Number	Answer		Mark	
9(c)			(10)	
	Application and Analysis – Indicative content			
	<ul> <li>Defir</li> <li>%\( \Delta \)</li> <li>Appli acros</li> <li>Decli</li> <li>Norn falls/</li> <li>With</li> <li>Lay o</li> <li>Shut</li> <li>Diago</li> <li>Supp</li> </ul>	nition/ formula for income elasticity of demand ΔQD/%ΔΥ ication - fall in consumer incomes in India and iss the developed world ining incomes leads to fall from 71% to 58.3% inal good - as income falls, quantity demanded positive YED lower occupancy - lower revenue off workers down/ closures of hotels ram depicting normal good oly and demand diagram showing demand price falls/ quantity falls		
Knowledge,	•	on and Analysis – Level descriptors		
Level	Marks	Descriptor		
0	0	A completely inaccurate response.		
1	1-2	Shows some awareness of the income elasticit demand and the impact on the hotels	y of	
2	3-4	Understanding of income elasticity of demand impact on the hotels with some application to		
3	5-6	Clear understanding of income elasticity of der the impact on the hotels with appropriate appl context.		
Evaluation -	- Indicati	ve content		
	<ul> <li>Not a YED</li> <li>Expa been dema</li> <li>Many weak</li> <li>Shor likely helpf</li> <li>For r impa</li> <li>Magr</li> </ul>	all hotels the same so may not have the same insion of number of hotels shows will have profitable- so reserves to cope with falling and y hotels major chains who can cross subsidise demand term issue- as the economy recovers it is y the product being a normal good will be ful		
Evaluation -	1			
Level	Marks	Descriptor		
0	0	No evaluative comments.		
1	1-2	For identifying evaluative comments without explanation. or 1 evaluation point developed		
2	3-4	For evaluative comments supported by relevan reasoning.	nt	



Question Number	Answer		Mark
9(d)			(14)
	Application a	nd Analysis – Indicative content	(/
	<ul> <li>Definition the production rooms</li> <li>Reference hurting the increasing guest.</li> <li>Producers/ he</li> <li>This indiring the show</li> </ul>		
	Price for fuel P1 P	Consumer pays  Producer pays	
	occupanc Increase Lower pro Incidence Consumers Higher pr Lower Qu Lower Cor Government Tax re infrast	price for hotel rooms oducer surplus e of tax ice lantity nsumer surplus	
Knowledge		nd Analysis – Level descriptors	
Level		criptor	
0		ompletely inaccurate response.	
1	1-3 Sho intra is o talk	ows some awareness of the impact of the oduction of an indirect tax but information ften irrelevant and lacks organisation. It makes about all of consumers, producers and the ernment. Frequent punctuation and/or gra	ay fail to



	1			
		errors are likely to be present and the writing is		
		generally unclear.		
2	4-6	Understanding of the impact of the introduction of an		
		indirect tax in the context of the hotel market. This will		
		be supported by an accurately labelled diagram.		
		Reference will be made to consumers, producers and		
		the government although not all will be in detail.		
		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 impact of the introduction of		
		an indirect tax in the context of the hotel market. This		
		will be supported by an accurately labelled diagram		
		which is explained and applied effectively. Candidates		
		will look in detail at consumers, producers and the		
		government.		
		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 -	- Indicati	ve content		
	<ul> <li>Magi</li> </ul>	nitude of indirect tax – high indirect taxes/		
	gove	ernment keeps increasing		
	• Time	e period: short term people continue to use		
	but I	but long term substitute to alternative countries/		
	cara	vans		
	Disci	ussion of incidence, depends on elasticity of		
	dem	and		
	• unof	ficial / unregulated accommodation arises-		
		ernment loses revenue/ consumers receive		
	_	r quality/ official hotels suffer lower sales		
	• Incid	dence of tax- inelastic consumer/ elastic		
	prod	ucer		
Evaluation -	- Level de	escriptors		
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 some reasoning		
		and application to context.		
3	5-6	For evaluative comments supported by relevant		
		reasoning and clear application to context.		



Question	Answer		Mark
Number			
9(e)			(14)
Knowledge	<del> </del>	on and Analysis – Indicative content	T
		finition of regulation- rules that are set to	
		ntrol or limit the production of goods/ services	
	• Re	duced regulation- tourists can enter the	
	CO	untry more easily as they can arrange their	
	vis	as upon arrival.	
	• If i	it is easier to get in to India this may	
	en	courage more tourists	
	• 29	% increase in tourists when 11 countries	
	alle	owed- with 40 now greater impact	
		y help fill some of the spare 41.7% capacity	
		ore tourists- benefits hotels- producer surplus/	
		ofit	
		ore tourists- benefit government in terms of tax	
		venue	
		ternal costs may emerge- increased numbers	
		3	
		nd to pollution/ congestion	
		ternal benefits greater benefiting retailers/	
	1	tertainments/ attractions	
		on and Analysis – Level descriptors	
Level	Marks	Descriptor	
0	0 1-3	A completely inaccurate response.  Shows some awareness of regulation.	
'	1-3	Material presented is often irrelevant and lacks	
		organisation. Frequent punctuation and/or gran	nmar
		errors are likely to be present and the writing is	
		generally unclear.	
2	4-6	Understanding of regulation in the context of to	urism.
		This may be supported by an accurately labelle	d
		diagram.	
		Material is presented with some relevance but t	
		likely to be passages which lack proper organisa	
		Punctuation and/or grammar errors are likely to	o be
3	7-8	present which affect the clarity and coherence.	t of
3	7-8	Clear understanding of regulation in the contextourism. This may be supported by an accurate	
		labelled diagram which is explained and applied	-
		effectively.	•
		Material is presented in a relevant and logical w	av.
		Some punctuation and/or grammar errors may	_
		found, but the writing has overall clarity and co	



Fl				
Evaluation	n – Indicative content			
	<ul> <li>Magnitude- provide a significant number of tourists to India</li> <li>11 countries saw 29% increase- another 40 countries could be significant</li> <li>Still paperwork when arriving- may delay entry in to the country</li> <li>Time lag- before people realise that entry restrictions have been relaxed</li> </ul>			
Evaluation	– Level de	escriptors		
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 some reasoning and application to context.		
3	5-6	For evaluative comments supported by relevant reasoning and clear application to context.		



Question Number	Answer	Mark
10(a)	<ul> <li>Knowledge, Application and Analysis (up to 6 marks)</li> <li>Definition of subsidy- a payment made by government to encourage the production/consumption of a good/service (1)</li> <li>Reducing the size of a subsidy will increase costs to universities and see supply shift left (1)</li> <li>Link to affordability/ other relevant arguments (1)</li> <li>May be presented diagrammatically: <ul> <li>Supply and Demand (1)</li> <li>Showing leftward shift with reduced subsidy (1)</li> <li>Lower quantity/Student numbers will fall (1) and higher price identified/Student fees will rise (1)</li> </ul> </li> </ul>	
	Price of higher education  P1 P1 P Q1 Q Quantity of higher education  Quantity of higher education	(6)



Question	Anguer		Mork		
Question Number	Answer		Mark		
10(b)			(10)		
	Knowledge, Application and Analysis – Indicative content				
Knowleage	Definition potent resount the economic potent resount the economic potent research growth investory and the economic potent research growth investory produced points of the economic potent research growth investory produced	tion Production Possibility Frontier- maximum tial production given current available rees OR investment (increase in the capital stock of onomy) crease in investment in research and opment is likely to increase the productivity of r/ capital sation: dramatically increased investments in rech and higher education, outstripping the h rate of US research and development ments by 200-400 % ctive potential increases and the PPF shifts out matic analysis which shows:  all PPF E.g. KK PPF E.g. LL and new equilibrium E.g. movement from X to Z or Z acceptable for any combination of two goods included)  pital odd  pital consumer goods			
Knowledge	NB: Award a maximum of 4 marks if no diagram.  Knowledge, Application and Analysis – Level descriptors				
Level	Marks	Descriptor			
0	0	A completely inaccurate response.			
1	1-2	Shows some awareness of the effect of increase investment in education / diagram may have inacconstant and increase investment in education / diagram may have inacconstant and increase investment in education / diagram may have inacconstant and increase investment in education / diagram may have inacconstant and increase investment in education / diagram may have inacconstant and increase investment in education / diagram may have inacconstant and increase investment in education / diagram may have inacconstant / diagra			
2	3-4	Understanding of the effect of increased investr	ment in		

Tillowicage	Knowledge, Application and Analysis Level descriptors			
Level	Marks	Descriptor		
0	0	A completely inaccurate response.		
1	1-2	Shows some awareness of the effect of increased investment in education / diagram may have inaccuracies		
2	3-4	Understanding of the effect of increased investment in education with some application to context / at top of this level, an accurate diagram showing shift in PPF		
3	5-6	Clear understanding of the effect of increased investment in education with appropriate application to context / accurate diagram showing shift in PPF.		



Evaluation -	Evaluation – Indicative content				
	<ul> <li>Time lag- may take time for increased production potential</li> <li>Magnitude of increased investment or size of shift</li> <li>Magnitude- size of higher education spending important</li> <li>Opportunity costs funds for education could affect health funding</li> </ul>				
Evaluation -	<u>- Level d</u>	escriptors			
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.			



Questi		wer	Mark
Numbe	er		(4.4)
10(c)	odao An	unlication and Analysis Indicative content	(14)
KHOWIE		oplication and Analysis – Indicative content inition of external benefits, where third parties are	
	<ul> <li>Def pos exc.</li> <li>Ider mor sup pres spe</li> <li>Acc. ext. life/ben to s</li> <li>Diag</li> </ul>	inition of external benefits- where third parties are itively affected by a transaction/ where social benefits eed private benefits nutification of external benefits: Firms benefit from a re-productive workforce/ the voluntary sector can port more people/health services are put under less sure/increased tax revenue for governments/ less is not on income support programmes. ept the following only as private benefits AND NOT ernal benefits e.g. 65% higher earnings over working \$\frac{4}{2}\$1 000 more, receive health insurance and pension efits, report higher levels of job satisfaction/ less likely moke or be obese. grammatic analysis of Market equilibrium (QE, PE) and Social Optimum (Q1, P1) — can also be written the lidentifying welfare loss/welfare gain / identifying external benefits on diagram  Welfare gain triangle/ welfare gain itriangle/ welfare loss from under Marginal private costs	
	P1 Pe	External benefits  Marginal social benefits  Marginal private benefits	
	0	Qe Q1 Quantity of higher education	
Knowle	edae. An	oplication and Analysis – Level descriptors	
Level	Marks	Descriptor	
0	0	A completely inaccurate response.	
1	1-3	Shows some awareness of external benefits of higher	
		education. Material presented is often irrelevant and la organisation or may confuse private and external bene Frequent punctuation and/or grammar errors are likely present and the writing is generally unclear. Diagrams offered or accurate	fits. to be
2	4-6	Understanding of the external benefits of higher education, with some application to context. Diagrams will be largely accurate and labelled. This will be supported by an accurately	

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

labelled diagram.

the clarity and coherence.



3	7-8	educa labell the co which Mater punct	r understanding of the external benefits of higher ation. At the top of this level, there will be an acculed diagram which is explained and applied effective ontext. There will be an accurately labelled diagram is explained and applied effectively to the context rial is presented in a relevant and logical way. Some tuation and/or grammar errors may be found, but the pass overall clarity and coherence.	ely to n :. ie
Evolue	tion	Indicati	ve content	
		Magr degr SR/L are a Stud or ex	nitude: depends on what they do- medicine ree save many lives LR: it will take time before external benefits achieved- may take time to accumulate rent debt/ unemployment- not achieve private external benefits kers may work abroad and not benefit restic firms	
Evalua	tion – I	Level de	escriptors	
Level	N	Marks	Descriptor	
0		0	No evaluative comments.	
1		1-2	For identifying evaluative comments without explanation.	
2		3-4	For evaluative comments supported by some reas and application to context.	soning
3		5-6	For evaluative comments supported by relevant reasoning and clear application to context.	



Question Number	Answer	Mark
	<ul> <li>Knowledge, Application and Analysis (Up to 4 marks):</li> <li>Define opportunity cost – The cost of the next best alternative (1)</li> <li>Take up employment (1) People can work and earn money now rather than attend university (1)</li> <li>Enjoy present consumption (1) by not acquiring debts and having to make repayment they can buy car/holidays now(1)</li> <li>Opportunity cost of attending university has increased due to higher fees due to more student debt (1)</li> <li>Opportunity cost of not attending university is the loss of potential higher earnings</li> <li>Opportunity cost of not attending university is the increased risk of obesity (1)</li> </ul>	Mark
	They may draw a PPF diagram showing opportunity cost against another activity (should show movement along the curve) (1)	(4)



Question	Answer		Mark
Number 10(e)			(14)
	Applicati	on and Analysis – Indicative content	(14)
Knowledge,	<ul> <li>Application and Analysis – Indicative content</li> <li>Definition of asymmetric information- where one group has superior information to other groups.</li> <li>Asymmetric information does exist</li> <li>Reference to extract 1- referring to more information needed- e.g. how set fees, course to offer/ how delivered</li> <li>NUS- more needed on teaching arrangements, costs, complaints etc.</li> <li>Likely benefits over lifetime uncertain</li> <li>Hard to assess external benefits</li> <li>OFT has called for more information on university undergraduate courses.</li> <li>Asymmetric information does not exist</li> <li>Reference to Figure 1- showing lots of information about universities being made available for people to make informed decisions</li> <li>Reference to extract 1- Universities UK- increased information and respond to students.</li> <li>Which information- today's students are working for fewer hours, are set less work and are receiving less detailed feedback</li> <li>Data on American returns to education</li> <li>Chef Executive of UK universities refers to more information provided.</li> </ul>		
Level	Marks	on and Analysis – Level descriptors	
		Descriptor  A completely inaccurate response	
1	1-3	A completely inaccurate response.  Shows some awareness of asymmetric informaterial presented is often irrelevant and lack organisation. Frequent punctuation and/or graerors are likely to be present and the writing generally unclear.	s ammar
2	4-6	Understanding of asymmetric information, wit application to context.  Material is presented with some relevance but likely to be passages which lack proper organi Punctuation and/or grammar errors are likely present which affect the clarity and coherence	there are sation.
3	7-8	Clear understanding of asymmetric information effective application to context. Material is properties a relevant and logical way. Some punctuation grammar errors may be found, but the writing overall clarity and coherence.	n with esented in and/or



Evaluation – Indicative content			
	- Magnitude- degree of asymmetric information		
	- Long run- more information made available		
	- C	hange over time due to OFT pressure	
Evaluation -	- Level de	escriptors	
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 some reasoning	
		and application to context.	
3	5-6	For evaluative comments supported by relevant	
		reasoning and clear application to context.	



