



Examiners' Report June 2014

GCE Economics & Business 6BE04 01

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Introduction

This session seemed to be very successful for many centres, with plenty of evidence of serious engagement with the subject of the case study. There was plenty of evidence of independent research linked to obesity and to the treatment of obesity related conditions. The fact that there were many television documentaries and news items relating to the subject, clearly helped teachers prepare candidates for the essay questions. Many candidates achieved Level 4 on both extended essay items, with some achieving very high marks indeed. What distinguished the more successful responses was an attempt to move beyond simple discussion towards an application of economic theory to the question being asked. Candidates who had learned the appropriate economic theory and were able to apply it to the context – price elasticity of demand to subsidy and ad valorem tax for example – were well rewarded by examiners. There was still a tendency for some candidates to simply rehearse and represent text book definitions and/or diagrams but not relate these to the context. This was acceptable, to some extent, for the 2 mark questions but not acceptable for the longer items.

The aim of this question was to test the candidate's knowledge of a key area of economic theory related to the context. In this case we were looking for an understanding of merit goods as a basic example of market failure. There was some evidence of confusion with public goods. However, as in previous sessions, partial definitions could be awarded full marks if accompanied by a valid example. Even examples not directly related to the context such as rail transport were awarded a mark.

There were many responses where the candidate offered a partial definition and then a valid example to achieve full marks. While this meant full marks, it often meant that candidate wrote more than was absolutely necessary, taking too long to answer a two mark question.

and a welfere gasis to socrety.
thee school mealsh, as they have positive externalities
postive externalities and social benefits. For example,
be underconsumed or underproduced. Ment goods here
A ment good is one which if left to the tree morket would
1 What is meant by the term 'merit good'? (See Evidence J, line 6.)
What is meant by the term 'merit good'? (See Evidence J, line 6.)



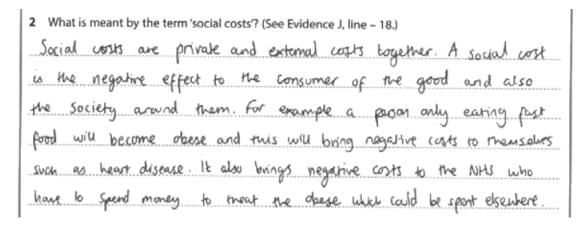
This candidate achieved full marks with a definition and a valid, relevant example. In fact there was enough here to achieve two marks without the example.



Candidates need to learn precise definitions and be able to write them clearly and quickly in the examination. Perhaps short classroom tests could be used for such examination preparation. Candidates could also create their own glossaries of terms, which could be shared with the class.

Again, we were looking for an understanding of economic theory and not a "common sense" assertion that social costs "are costs to society..." In this instance, an understanding that social costs are private (internal costs of production and/or consumption) plus the external costs (costs to third parties, not directly involved in production and/or consumption and thus not taken into account by the price mechanism).

As with Question 1, it would have been possible to achieve full marks with a precise definition and then move on to the next question. However, many candidates wrote three or more sentences, including an example. While this did achieve full marks, it meant that it took more time than was necessary.





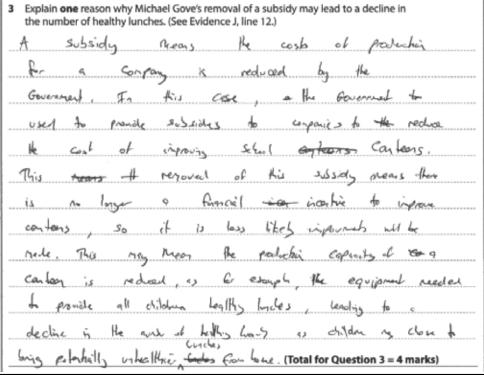
This is a good example of a response where the two marks are achieved in the first sentence. There are no analysis marks for the two mark questions, thus the following three sentences do not achieve any additional marks.



Candidates should look carefully at the mark allocation and be familiar with the structure of the paper and previous mark schemes. Time taken on two mark questions can be thinking and writing time later on in the paper.

This is one of those questions where candidates tended to write "everything they know" rather than answer the question, which was why may there be a decline in the number of healthy lunches? Again, we are looking for an understanding of economic theory here and not an ethical judgement of right and wrong. Subsidy is a payment to a producer (not a consumer) and many candidates failed to understand this. The payment is intended to cover some or all of the costs of production, thus increasing supply, forcing down equilibrium price and increasing equilibrium quantity. If the subsidy is sufficient to cover all of the costs of production then meals can be provided free at the point of delivery. The question does, of course, ask for the impact of the removal of a subsidy and so requires the candidates to apply their understanding to the context. For full marks we expected to see a precise definition of a subsidy, application to the case of school meals and an indication of the likely consequence (i.e. reduced production and consumption of school meals). The stronger responses tended to take the analysis further and look at the likely impact upon "healthy" school meals and the re-introduction of "unhealthy" food and/or vending machines. There were some responses which included a diagram and if this was correct it was awarded 1 knowledge mark and 1 application mark.

This candidate writes concisely and achieves marks in each sentence. An efficient use of time for a four mark question.





There is a clear understanding of subsidy. This is then applied to the context, where the subsidy was directed at the improvement of school canteens and equipment. There are then two consequences identified. A reduction of the capacity of canteens and an increase in the consumption of unhealthy packed lunches.

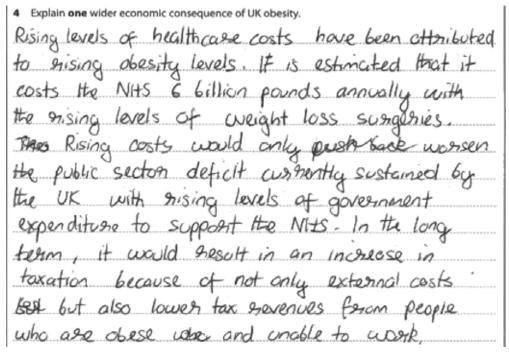


The four mark questions will always require knowledge, application and analysis. It is best to think about analysis as involving the identification of a reason, a cause or a consequence. Candidates need to spend some time answering such questions in timed conditions to get used to this efficient approach. It is also much more likely they will then answer the question rather than simply write everything they know.

Question 4

It seemed difficult for many candidates to answer this question logically as they were often unclear what a "wider economic consequence" was. For example, many started their answer with the increasing cost to the NHS but then failed to get as far as relating this to tax increases therefore often missing out on the knowledge mark. The best responses showed a clear understanding of the burden on the wider economy and gave a detailed and precise answer linking to loss of UK productivity and competitiveness with other less obese countries.

This question was generally answered well by the A and B grade candidates. Below this level many only achieved up to a total of two marks for application and analysis.





This candidate achieved full marks, even though they began with the identification of rising healthcare costs. There is good application with reference to NHS spending. There is then analysis of a consequence, the public sector deficit. There is then further analysis not only in regards to rising taxation but also to falling tax receipts. The link to rising expenditure was where the knowledge mark was awarded.

A clear, precise response showing good knowledge, application and analysis.



As with the other four mark question, candidates need to be aware that there will be one knowledge and application mark, along with two analysis marks for these questions. A surprising number of candidates used extra paper to answer this question. The space provided is an indication of the appropriate length of the response.

Question 5

We were looking for an understanding of the difference between progressive and regressive taxation and the likely economic consequences of increasing inequality. It was important here that candidates understood that income/wealth distribution is unequal (positive economic statement) and that fiscal policy can influence this income/wealth distribution. If they then developed this to explore issues of fairness (normative statements) then this is a development of the point and was rewarded, if based upon an analysis of the data. There are two obvious reasons in the case study - reduction in top rate of tax and introduction of 20% VAT on takeaway food. These are two distinct reasons. Some candidates also refer to the freezing of pensioner tax thresholds and the removal of the school meal subsidy. These were both valid, separate reasons and rewarded appropriately. Where a candidate extended the analysis of one reason – e.g. introduction of VAT and then said this may lead to unemployment and increased inequality then this was treated as one reason. Similarly, candidates who extended analysis of a reduction in the top rate and then said this will provide an incentive to work hard and/or spend money, creating employment, was also treated as one reason. There had to be a link to increased inequality for full marks to be awarded for each reason.

The mean mark for this question was 3.8. This was often because candidates gave only one reason and analysed this in full or identified two reasons but failed to offer any analysis.

5 Analyse two reasons why the 2012 UK Government budget might lead to increased
Existly the government will be & planning to mease
the levels of taxation on demanit goods. These
goods milide alcohol, cigarettes and forty foods. These
make at trues come in the form of VAT, where 900, 20%
is added to price of the goods. This is also known
as a regressive tax, be cause people from all levels
of more are all taxed the same rate but not
in proportion to their more because he donerit
goods are generally the price melastic it news domained
is still high over when prices are mored. This
leads to an increase in inequality due to the process
population having to spend me on goods.
secondly, the government has now decreased the
top tex rule from 60p to 45p. This therefore
news that the anount that higher ewners pay
no government ruxes is lover papere. This can be
sen in avidence a. mr therefore menor put the
higher earners we actually earning more Than previously
and so the gap between the nich and poor is
markedy ggs. in Merefre here ix a morece in mone
hacquelity.



This is a rare full-mark response, identifying two clear reasons with reference to the evidence. There is then a clear and precise development of each reason linked to increasing inequality. It was good to see the accurate use of terminology – demerit goods – and coherent, logical analysis.



Candidates need to be reminded that if an A2 question asks for two reasons then there must be two, distinct reasons given to access more than four marks. Unlike AS Level, there will never be two spaces provided with the labels "Reason 1" and "Reason 2" to remind candidates about this type of assessment.

On the face of it, this would seem to be quite an easy question but it was not answered particularly well by the majority of candidates. Candidates tended to focus on free school meals for low income families but without considering why it might be beneficial to offer them to everyone without means testing. Some candidates made good use of evidence to support their analysis but some merely repeated data without using it and therefore did not earn as many marks. Candidates often started off well but then realised they were running out of space and therefore their answers lacked balance and did not then access Level 4. The stronger answers were from those who fully developed the reasoning around one point before moving to another rather than trying to write everything they knew about free school meals without any evaluation.

Assess means evaluate – ideally assess the case for and against, in terms of short term costs and long term benefits. Many candidates attempted some assessment, often in terms of equity/fairness; but few actually answered the question set. In other words, identify and analyse the (short term) costs and identify and analyse (long term) benefits. In order to achieve level 4 this had to be present and for high level 4 this had to be in context (preferably with reference to evidence – either from the case study or their own examples).

There were many examples of what we term "unsupported assertions" and conclusion beginning with "I believe". Conclusions should be based upon analysis in context to be awarded level 4.

6 Assess the case for providing, for all schoolchildren, free school meals from general If free school meds are provided for all school children from general taxahin such as income tax or VAT through the fiscal policy this can have many benefits. In the short tem children will be able to concentrate Schools which would in crease the quatity of their educational shills which carries onto the long term social healthy lifestyle and larger life expertancy. By investing into this the government will have a short term private cast with the increase in the budget deficit, however in the long tem the unemployment numbers will decrease as the guality of the workforce in creases as disposable income therefore rises, is weasing the governments tax revenue and decreasing the costs with less spending on the NHS olive a healthier nubian as well as less welfare bonopts being paid due to the increased employability, This can therefore in the long term reduce inequality and poverty as the gini coefficient of income inequality to decrease showing more equality in society as the disposable income will increase because the 700,000 duldren from pour families who were not entitled to free school meals will be able them or will the rest of the nation. On the other hand if Ed MAN Miliband increases

that the big Uk businesses will more elsewhere talking their capital with them which will decrease job opportunities and short economic growth, leaving less tax to invest in free school meals. Also the general faxahin fund could be used on fronthire spending such as feachers or improved school fasilities which can directly effect the quality of the ellewahim with a lower pish. (Total for Question 6 = 10 marks)

TOTAL FOR SECTION A = 30 MARKS

However I think that the 'hot chicken tox' or 'fattax' should be introduced to found the free school neads as in the long term the thend can be changed to healthy eating which will also directly effect the quality of education like promotione spending but also decrease social costs of sheet dishutances as children will be better behaved in schools and more will be working the fature, increaseding disposable income and therefore consumer spending and leading to economic growth despite the short term increase in budget deficit.



This response is one of the stronger ones, showing good use of economic terms, analysis and evaluation in context. There is a clear, logal progression to the response and the candidate was awarded Level 4-10 marks.



The stronger answers were from those who fully developed the reasoning around one point before moving to another. This is a generally true evaluative question. There is still a tendency to write all the "good things and then write all the "bad things". This often means evaluation is limited and answers unbalanced.

Question 7 (a)

The question asks about "limiting free treatment" it does not ask about charging for treatment. Some candidates answered the question they would have liked to see rather than the question set. Part of the challenge of the question was in identifying and analysing what "limiting" may involve. If a candidate discusses this, suggesting that this may mean charging for treatment/surgery, then this was rewarded. It was the development of one point. If it was evaluated then it could get into Level 4. However, charging is not the only way of "limiting free treatment". It could be that patients who are obese are simply refused treatment or that conditions, such as losing weight, are attached to their initial or ongoing treatment. Most candidates answered in context however some of the evaluation was weak and some went off the question to talk about a "fat tax" being more effective at reducing obesity. For the higher level 4 responses we were looking for an understanding of short term benefits versus long term costs; the opportunity cost of treating obesity and wider economic implications of limiting treatment.

The question clearly wanted candidates to show that they had studied economic concepts but unfortunately many gave an often unsubstantiated discussion on NHS treatment of obese patients without developing the effect on the economy. Some otherwise quite good answers failed to use any of the evidence and therefore their analysis was less strong. Some candidates got slightly subjective and emotive and lost the strength of their argument because of it. As is often the case candidates struggle to present both sides and then come to a conclusion which just repeats what they have already said. As a result of this, marks of 18 and above were rare with an average of 14 at the top of Level 3 and a mode of 15 at the bottom of Level 4.

7 *(a) Assess the economic case for limiting free NHS treatment of obese patients.

(20)

NHS is and organisation that provide tree health care for the general society. Obese people are people with BME more than 30 percentage. Index in UK which is 23% of the population. As there are less tree treatment for obesity people, the government will have more money to spand on other sectors such as educative and defence, and government have more money to provide public good and merit good which lead to positive externilities in the society and government can use the money to create jobs. Therefore less benefit government have to pay, and they'll have more tax payer at the same time. As unemployment rate reduce more people have more money to spool so they general boost the local ecomony and more ase the aggregate demand, and by have more profit by each bisiness, the GDP of the country will grow and the real standard of leng will increase.

loss weight by them self, and as NHS is limit budget. If the more they spand on obscity problems, the less they can spand on other thys like cancer and heart disease. In most case, people can is reduce weight by restrictly that what they but and the more exercise, but cancer is hard to control. And weight loss suggery is not the Most ideal way

to loss weight. It will cost other problems and ast NHS more more on other treatment. And And somehow, people might leave longer atth after they've been treated by NHS by getting weight loss owngor, and then il require other treatment so like heart problem and other things and when they are reta retired, thought regive pension from the government as they are not paying tax. It's not idea for they governot as they need to pay more movey. The less government are spandly on obese related problem. they can subsidy on healthy tood industry and lessure contres will bill increase the number of people and being active and people will eat more healthy and this will reduce obesity in long term and lead to a much more healthy life style But on the other hand, this can be a negressive docusion. as rich people will still be able to pay for weight loss surgery. It won't affect them much, but poor people will be but the most as this is luxury good for them. and if the paying for their surgery the less they can pay on other thips such as healthy food. And as healthy food are more exponence it will just be as book negtive agele for them as they need to eat more unhealthy tood - And this will lead to rise in inequitry and unstable economics And govern less weight loss suggery, more people are obese, and obesity people generally have less confident to find job so most of them will claim on benefit and the society will be less productive by that the government will need to pay more benefit and their will be drug, alohoholic abuse duel to the unemployment and the social cost will be high, and will be more crime so its negetive multiplier effect. And whom people are obsese, they are unhealth and require more stoles

days, so the cost for the business will increase and more less profit for the share holder, therefore the wayes might reduce, people have less disaposity Income in the Ivad area, and will lead to intel economic downturn, so the GDP will full and the country will be less competitive. And as obese people are generally slower, so they are less productively than others which is making the com conomy not very productive. In conclusion, the obesty will reduce in long term, but short term, made weight loss surgery is the most efferency wary. Auct its always hard for NHS to determine who to tract as some people will have heart disease, and its not related to their obesity problem And as tung people smoke a lot of a agreete and still get free treatment so its not four for the obestey people and some times its their gene decede they become obese, so its not fair that those people have to pay for themself, and nowadays, as It's knowledge structure change . so people are having more jobs monitoring the computure rather than ship buildup, and it will east them lead to where less activety of them but its not their faulte bey obese . By the country gettie more of factories in the city less path ways and more orme on the street, the general society will become les active. And it's morally wring for NHS just letty obasity pagh dayy. And as the obesity people are the people who can't affact holty food makey them paying for their own treatment will make them situation work worse as the inequality in the UE will morease. so the cast might outsuch to tone spenefit government mucht need to do cost benefite analysis to see it its worth dony this.



Examiner Comments

This was certainly one of the stronger responses and was awarded a high Level 4. There was clear structure, a good use of economic terms and a definite conclusion which continued the evaluation.



Evaluation is best conducted in the course of the essay, with each point being evaluated before another argument is presented. Writing must be legible for marks to be awarded. It is worth completing timed essays, using pen and paper, before the examination.

Question 7 (b)

There were some really good answers here. We were looking for the application of economic theory to the question of regulation which may include: market-based incentives such as indirect taxation (fat tax) and subsidies (subsidised school meals, tax incentives to producers of healthy food); command and control policies within the food industry, including planning restrictions for fast food outlets, food labelling and content directives; direct government intervention through its own spending programmes on health education, free school meals; self-regulation through voluntary codes established and monitored by the industry itself. The best responses (high level 4) looked at 2 or 3 of these approaches and thoroughly evaluated each one in the course of the essay. There needed to be a conclusion based upon the previous evaluation. Some of the really good responses also showed an awareness of the complexity of the problem and that regulating the food industry maybe one-dimensional and thus not as effective as a more holistic approach.

There were many directions in which this question could develop and some candidates could not decide on a focus and therefore tried to write about everything, with the result that there was very little depth to any of it and the marks were limited. Surprisingly, only a few candidates produced a plan before they started and therefore many lacked structure. Those that did manage to follow a reasonable structure of perhaps 3 points really well supported with evidence and evaluation before moving to the next point were able to judge between their 3 points as to how much the food industry is in need of regulation.

However, as always the conclusion was the hardest thing to do and it was unusual but refreshing to read a response that was finished off in a thoughtful way instead of being rushed and put in as an afterthought, often because time had run out.

*(b) Evaluate the extent to which the UK Government should regulate the food industry. (30)# OBENTY in the result of overconsumption Individuals, resulting in being overweight. , marker farme, and or evidence of shows The VIC, expectably among woman 8,654 histly overconsump non exter Information juliné and exetural costs Iso, underconsumption, due to lack of compatition (indirect to placed on al lermonn to de their in admission

a completely new for being placed, new buy into consuming also. However, since obegity in increasing grobally, Gov I were entired via tax may be a necessary proceedure to reduce such a worker laviure. In addition, due to Information withdraway, oberity is Soaring, the Government intervention is necessary to help people know what they're earing. This involves labelling of Goods, for example me maffic light labelling system, depending on their numbered value thus not pulling wood Over the Consumers eyes & allowing them to known actions (results of what mayire puchasing. In processed (sodshifts Such as ready-made sandwicher mis is a harder process & easier for consumers to have little knowledge. This labelling is good for the Government as It is done by the Companies humpelies (whimany), mus is with or no extra tax costs. To tax Bin Relation with this, education is vital to the obesity expeditu epidemic + Government intervention is muy vital. 33/of obeje woman in the Un have little no qualification. KET NO Education, leads to Obesity Sing people are unaware of mutitional importancy mus ear-more resulting in poor wearn & p off sice more from work, a ffecting employers \$ resulting in reduced productivity. In addition his affects he government and the economy as they have to pay more in benefit tax as well as recieve less in income tax, increasing The budger deficit. In his sonsp Government Intervention

in mecessary in order to help me economy grow & streame poverty. This may be done known advertising of the bad products, for example in evidence C, Aggréssive manneting is misleading in this wanty people Mink Sports dinks are good Per you, the even without efficie moreover, free schools morais (evidence 1), that ontain at least one porion of fruit or vegetables. Education for Children is key as Mois de Sustainable way of helping the economy. Educated Children, mean more qualifications, mus more employment to helping the economy via reduced wrimprognant to increased income tous. However, the Government are more focused on macroeconomic policies such as inflation & inferent rayer, & where oberty does have an impact on such policy, eq unemployment, it is only minor, & hun should he government prerefore spend hime regularing the food industry? Hayen would argue mative Shaud let the free mainer run rapurally, & opposed government Intervention. In this serve, we are a free mount & people are free to chapse what may buy. We are are parional belings in a rapional world & Muy, should the you regulate when It's simply down to will power to free Chairer. Malealer, Government Intervention murayon increasing takes to Supply the ment Goods of the NHS, only makes obesty a global etternal Cost, whereas, It should It be a Individual private Cost, Since the Individual is shiply caring too nuch? In recent arricles, I have read that

Oberty come be classed as an addiction, like alcholism, where people are addicted to food. However, since food is on a different category to alcoholit tobacco, since in proportion It's good for us to me added to survive, It gets taken in the lenge oberty is self imposed, which in really may not be analyze charle, but an addiction. To conclude, the government to some estent needs to intervene since oberty is growing to afform the conomy to putsing smath on the public sector. However, pavents much to do a better you of educating their childrents possive oberty' needs to be found into the Government to some estent should not spend into the Government to some estent should not spend into the Government to some estent should not spend into the government.



This is an example of a strong response achieving high Level 4 and 28 marks. There is a balanced conclusion and recommendation based on sound analysis of the economic situation and case study information. The candidate uses economic and business terminology precisely and effectively with good spelling, punctuation and grammar.



This final question can only be done effectively if candidates have had plenty of timed practice on a range of possible topics prior to taking the exam. This is really important. In addition, writing has to be legible. Candidates cannot expect to be rewarded for sections of text which cannot be read by the examiner.

Paper Summary

Based on their performance on this paper, candidates are offered the following advice:

- There were an unusually large number of scripts sent to be reviewed by examiners
 due to the poor quality of handwriting. It is important that basic handwriting is of an
 appropriate standard and I would recommend that student work is handwritten, rather
 than word processed, in informal assessments during the teaching course. It is a shame
 to see potentially good scripts not achieving marks because of illegibility.
- Candidates need to learn precise definitions of syllabus terms and practice answering definition type questions in timed conditions.
- Candidates need to take note of the marks available for each question and, using
 previous papers and mark schemes, be more aware of how knowledge, application,
 analysis and evaluation marks are allocated and awarded.
- In the levelled questions, candidates need to practice writing, by hand, in timed conditions. Evaluation is more effective if it takes place systematically throughout the paper rather than being left to the final couple of paragraphs.
- Conclusions need to add something to what has already been said and be based upon previous analysis. It is very unlikely that marks will be awarded for simply repeating earlier comments.
- Evidence and examples need to be used to support analysis and evaluation. It not enough to simply repeat or quote evidence from the case study or from a candidate's own research. The evidence has to be used in some way to support a point or illuminate an argument.
- Candidates also need to remember that there is a synoptic element to the paper, thus appropriate use of business and economic terms will be rewarded and their use may well lift a response to a higher assessment level.

This was a successful paper for many candidates, who were clearly interested in the case study and the topical issues surrounding it. What differentiated the top grade candidates from the rest was their use of economic and business concepts, the clarity and precision of their writing and a willingness to reach a reasoned conclusion.

Grade Boundaries

Grade boundaries for this, and all other papers, can be found on the website on this link: http://www.edexcel.com/iwantto/Pages/grade-boundaries.aspx





