

Cambridge International AS & A Level Economics

9708



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Contents

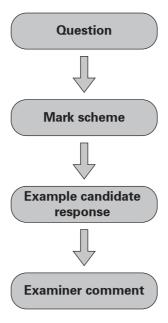
| Introduction | 2 |
|------------------------|----|
| Assessment at a glance | 3 |
| Paper 2 | 4 |
| Paper 4 | 77 |

Introduction

The main aim of this booklet is to exemplify standards for those teaching Cambridge International AS and A Level Economics (9708), and to show how different levels of candidates' performance relate to the subject's curriculum and assessment objectives.

In this booklet a range of candidate responses has been chosen as far as possible to exemplify good, average and weak answers. Each response is accompanied by a brief commentary explaining the strengths and weaknesses of the answers.

For ease of reference the following format for each paper has been adopted:



For Papers 2 and 4 each question is followed by an extract of the mark scheme used by examiners. This, in turn, is followed by examples of marked candidate responses, each with an examiner comment on performance. Comments are given to indicate where and why marks were awarded, and how additional marks could have been obtained. In this way, it is possible to understand what candiates have done to gain their marks and what they still have to do to improve their grades.

Past papers and Principal Examiner Reports for Teachers and other teacher support materials are available on http://teachers.cie.org.uk

Assessment at a glance

| Paper | | Weigl | hting |
|---|-----------------|----------|---------|
| | | AS Level | A Level |
| Paper 1 | 1 hour | | |
| 30 multiple choice questions (Core) | | 40% | 20% |
| Paper 2 | 1 hour 30 mins | | |
| (a) Data response (Core) | | | |
| 1 question | | 30% | 15% |
| (b) Structured essay (Core) | | 9170360 | |
| 1 from a choice of 3 | | 30% | 15% |
| Paper 3 | 1 hour | | |
| 30 multiple choice questions (Supplement) | | | 15% |
| Paper 4 | 2 hours 15 mins | | |
| (a) Data response (Supplement) | | | |
| 1 question | | | 10% |
| (b) Essays (Supplement) | | | |
| 2 from a choice of 6 | | | 25% |

Teachers are reminded that a full syllabus is available on www.cie.org.uk

Paper 2

Australia and its Northern Territory

The Northern Territory of Australia is a large, sparsely populated area. It relies heavily on tourism, mining, agriculture and fishing. The extraction of oil and gas and the mining of iron ore and bauxite have grown significantly in recent years. Its manufacturing is principally based on the processing of its natural resources.

The Northern Territory government publishes forecasts, which compare the economic prospects of the Northern Territory with those of Australia as a whole. The table below gives extracts from the forecasts in January 2009.

Table 1: Selected economic forecasts for Northern Territory and Australia

| | Northern | Northern Territory Australia | | tralia |
|--|----------|------------------------------|--------|---------|
| | 2008-9 | 2012-13 | 2008-9 | 2012-13 |
| International exports, constant price (A\$*m) | 4172 | 6004 | 176010 | 236824 |
| International imports, constant price (A\$m) | 2718 | 2811 | 217675 | 224521 |
| Consumer price index, 1989-90=100 | 164.6 | 180.0 | 167.7 | 186.4 |
| Average weekly nominal earnings, A\$ | 954 | 1078 | 916 | 1050 |
| Unemployment rate (%) | 3.7 | 5.7 | 4.2 | 6.5 |
| Population aged 15–64 (thousands) | 170 | 186 | 17456 | 18627 |

A\$ = Australian dollars

Question 1(a)(i)

Calculate and compare the change in the trade balance between 2008–9 and 2012–13 of the Northern Territory with that of Australia. [4]

Mark scheme

Calculate and compare the change in the trade balance between 2008–9 and 2012–13 of the Northern Territory with that of Australia. [4]

Both improved (1), Northern Territory (NT) has an increased surplus (1), Australia goes from deficit to surplus (1), supporting calculation NT A\$1454 to A\$3193, Aus A\$-41 665 to A\$12 303 (2)

Comparative points without accurate calculation can be rewarded, but the points must relate to the 'balance', not the change in imports or exports alone.

| Tr. 1- 1-1 d N. W - T- 4 (2008) | |
|--|----|
| Trade belance of Nacthorn Territory (2008) | |
| 2 4172 - 2718 = 1954 (surplus) | |
| | |
| Trade belance of Northern Territory (2013) | |
| 2 6004-2811 x 3193 (Inveloi) | |
| | |
| | |
| Tride batanee of Australia (2008) & | |
| 2 176010 - 217675 2 (41665) (Deficit) | |
| | |
| Trade balance of Australia (2017) | |
| | |
| 236824-224521-12393 (supply) | |
| | |
| In Northern Territory there is an increase | |
| in trade worples which show that there is | |
| their Balgnes of Payment are and terms | |
| / | |
| of trade are ingressed Australia also improved | |
| T I Greater veter contravious to Marrison | |
| levitery as praced by the lighter calculate | |
| above. This shows that Australian government | |
| had made a significant improvement although | |
| Marthern Ferritory also improved but Austrilia | |
| | DI |
| at a greater rate which is due to population | - |
| | |
| | 1 |

Examiner comment

This answer gains full marks. The candidate provides an accurate calculation, although it would have been better if the balances had been shown in Australian dollars. It then goes on to make the comparative points that the balances of both areas had improved and that the balance in Australia had improved at a greater rate.

Mark awarded = 4 out of 4

| Example candidate response | |
|---|---|
| Trade balance for Northern Territory | |
| 2008-9 Exports - imports | |
| 4172 - 2718 - 1454 | 1 |
| 2012-13 | 1 |
| 6004-2811-3193 | + |
| Exports inclease in 2012-13 as compeled to | |
| 2008-9. Trade Sueplus. | + |
| Australia Trade Balance Exports - imports | |
| 2008-9 | + |
| 176010 -217675 = (41665) | |
| 2012-13 | |
| 236824 - 224521 - 12303 | |
| 224524 | _ |
| In 2008-9 Austalia has Kade defecit but/ incluye in exports over imposts make kade | |
| inclease in exports over imports make Made | 2 |
| Sulphis | 0 |
| IV | 1 |
| | |

Examiner comment

This answer contains the necessary calculation, but fails to provide any comparative comment. As a result the maximum mark available is two. The question clearly asks the candidate to 'calculate and compare'. Careful reading of question requirements is essential for maximum marks.

Mark awarded = 2 out of 4

| and in | 0- | , Di |
|--|---------|--------|
| 29-) trade balance of the Northern territory | _ | |
| (X2-M2) = (X2-M2) | | |
| = (6004-2811) - (4172-2718) | | |
| = 1739m A\$ | | |
| percentage change | | |
| change in trade tolonce for Australia - | | |
| $(X_2-m_2)-(X_1-m_1)$ | | |
| = (236824-224521) - (176010 - 217675) | | |
| = +53,968mA\$ | | |
| | | |
| Both trade balances trollered from 2008-9 | -to | |
| 2012-13- | | |
| percentage increase for Northern Territory | | |
| = 6004 - 2811 × 100 | | |
| 4177- 2718 | 0 | |
| = 219.6% | 1 | |
| percentage increase Ser Australia | | |
| = -29.5% | | - 37/6 |
| | | |
| The trade balance for the Norther Territor | Donill | |
| increased by 219.6% from nox-9 to | 1 | |
| 2012-2013. The trade bolance for the | / | |
| Norther Territory will increasing whereast | V | |
| as regative trade bobace for australia | | 1 |
| will change into a positive one. The perc | contage | - |
| increase for australia will be -29.5 | | -12 |
| as compared to the negative trade bala | nce | X |
| in 2008-09. | / | 4 |

This candidate provides a very confused calculation. In addition there is no real direct, comparative comment. There is some understanding of the meaning of 'trade balance' however and the recognition that in Australia the balance changes from a deficit to a surplus. It was considered to have sufficient understanding for one mark.

Mark awarded = 1 out of 4

Question 1(a)(ii)

Explain why exports and imports are often measured at constant prices.

[2]

Mark scheme

Explain why exports and imports are often measured at constant prices.

[2]

Constant prices exclude the effect of inflation (1), more accurate in real terms or shows the volume of trade.

Example candidate response

| Exports and imports are measured air constant |
|--|
| prices in order to ascertain the real growth, |
| in the trade balance without the inflamen |
| governments undergt woodwastand the increase |
| governments undergy woodbastand the increase |
| or decrease union would help implement disequine |
| poricies data ex |

Examiner comment

This answer gains both marks available. The idea of the 'real growth in the trade balance' and the fact that inflation distorts the real balance shows that there is clear understanding here.

Mark awarded = 2 out of 2

| Exports are the | goods sold on abo | rad and i | suports are t | he goods |
|-----------------|-------------------|-----------|---------------|----------|
| | countries. Usin | | | |
| | some changes +4 | | | |
| | , change of exc | | | X |
| V | | | | ^ |

This candidate gains a mark for the recognition that using constant prices is better because of the distorting effects of inflation and a change in the exchange rate. For a further mark the candidate needed to say a little more on why it was 'better'. This could have been for example a statement that the measurement was more accurate in real terms or that it would show the changes in the actual volume of trade.

Mark awarded = 1 out of 2

Example candidate response

| the other components of the economy. Exports and | |
|--|----|
| The Brown or reported in This Petersony. Cr parts story | |
| Imports whom enchanged are according to the | |
| Imports when exchanged are according to the halves and price; They are not related to anything | () |

Examiner comment

This candidate clearly does not understand the idea of 'constant prices'. An attempt is made to suggest a possible meaning, but with little success.

Mark awarded = 0 out of 2

Question 1(b)

Explain two additional pieces of information that would be useful in judging Australia's international financial position. [4]

Mark scheme

Explain two additional pieces of information that would be useful in judging Australia's international financial position. [4]

From net income, net transfers, capital account, financial account, foreign reserves, exchange rate, terms of trade or alternatives, identification (1), plus 1 mark for explanation of identified point (1)

| Australia's international financial position can be | |
|--|----|
| judged by the balance of payment account | |
| capital and financial section of the balance of | |
| payment account, which shows the capital inflows | / |
| and outflows of the country flow much investment | |
| is done by the foreigners and how much investment | |
| is done abroad. For example: a Japanese | |
| motor car company setting up a factory in | |
| Australia Or Australian government building | |
| a hospital overseas. The Capital and financial | / |
| account consists of direct investment, portfolio | V |
| investment flows, other reserves, acquisition disposal | |
| of nonfrancial and nonproduced assets and capital | |
| v chancel | |
| Australia's financial position can even be jub judged | |
| by the terms of trade, that is, the vale at which | |
| a country exchanges its exports for imports. How | |
| The quantity of imports that a country can get by | |
| a unit of exports The tormwa is of I terms at trade | |
| is = Index of export prices x 100 | // |
| Index of import prices | 4 |
| | |

Examiner comment

This candidate provides two relevant and additional pieces of information that would be useful in judging Australia's international position. Both are explained with sufficient clarity and detail to ensure full marks.

Mark awarded = 4 out of 4

| The teams of thouse can be used in the judging the | |
|--|--------|
| Augtralia's financial position. Team of those is the | |
| opportunity cost of importación in thems of capost | |
| or it is the same | |
| Teors of toale = price of Exposts x 100. | |
| V Police of A Provis | |
| It Teoms of toade is greated than loo, it is said to | |
| be tanouvable. It was at trade is less than 100, | |
| it is said to be undanouable. | 0 |
| | 7 |
| The current of court can also be used to measure | \neg |
| the international firencial position 1 | 2 |
| /\ | |

Examiner comment

This candidate identifies the terms of trade as an additional piece of information that would be useful in judging Australia's international financial position. The answer then goes on to explain how the terms of trade are calculated. This is worth two marks. The second piece of information identified by the candidate is the 'Current Account'. This fails to score because without elaboration, this is too vague. If the candidate had gone on to identify and explain some items within the Current Account, this would have been acceptable and would have gained further credit.

Mark awarded = 2 out of 2

| | + |
|--|---|
| The consumer price index shows the rate of | |
| inflation in Australia Inflation have a very | |
| choostent rate in the linearied position of | |
| Country. The consumer price index of Australia in 2008-9 was 167. 7 and in 2012-13 was | |
| country. The consumer present and of sustains | |
| in 2008-9 was lot. + and it lott-13 was | |
| 186.4. The balance of tradestan to also | 4 |
| Le used to determine the binancial saturations | 1 |
| position of sustalia as calculated above in the | 0 |
| part (a) | 0 |
| Fusi (c) | |

This candidate identifies the Consumer Price Index and the Balance of Trade as two additional pieces of information. These were not acceptable because both of these were provided in Table 1 and could not therefore be considered as 'additional'. This was a very common error amongst candidates. The most likely cause of this error was a failure to read the question requirements carefully and many candidates gained no marks here as a result.

Mark awarded = 0 out of 4

Question 1(c)

Analyse the change in average weekly earnings in Australia in real terms between 2008–9 and 2012–13. [4]

Mark scheme

Analyse the change in average weekly earnings in Australia in real terms between 2008–9 and 2012–13. [4]

For an understanding of meaning of 'real terms' (1 mark)

Real earnings will rise (1), earnings rise more rapidly than inflation (1), supporting calculation 14.6% v. 11.2% (2)

Example candidate response

| The average weekly carnings in real terms would |
|--|
| take into account inflation George into |
| consideration. The consumer price index & Cinflation |
| 80se by 11.2% (186.4-167.7:00167.7 XIVO) whereas |
| the Average weekly nominal earnings (AS) expose |
| by 14.6 1/2 between 2008-209 and 2012-13, according |
| weetly earily (A4) xose by arrest about 3.490. |

Examiner comment

This concise answer was awarded full marks. The candidate starts by showing a clear understanding of the meaning of 'real terms'. An accurate calculation is then provided showing that inflation rose by 11.2% whilst nominal earnings rose by 14.6%. This was then followed by the correct conclusion that in real terms the average weekly earnings rose.

Mark awarded = 4 out 4

| In the years between 2008-2009, the average | |
|--|----|
| weekly earing in Australia was 9.16 A\$ which. | |
| in 2012-2013 increased to 1050 As. This change | |
| Shows that as the year progressed, the mage | |
| sale which can also per week average weekly | |
| grammal earnings uncreased by 15%. | |
| On the other hand, the average consumer | |
| price under shows that during the years 2008-2009 | |
| the inflation rate was 67.770 and in 2012-2013, | |
| it uncreased to 86.4%. Therefore there was a | |
| 28% ucrease in 2008-2013. This shows that | |
| prices rose at a higher rate in Australia. | |
| Analyzing the situation of Australia, it can - : | |
| be easid that the average weekly earnings | |
| in Australia in real terms decreased. This is | |
| because as the nominal Aneringe weekly | |
| caming in Australia in real terms refers to | |
| the mage rate related to the average price | |
| level in the country. As it is shown in the | |
| table, the average frice level also showed a | |
| use in the year 2008-2013, therefore the | |
| disposable income in real terms decreases. | |
| out the years. In simple mords, it can | |
| be said that the amount that people | |
| be said that the amount that people beamed was equal, to the amount they had | /_ |
| to spend an might be too . | 2 |
| | |

This answer showed understanding of the meaning of 'real terms', but unfortunately the candidate was unable to use the data to perform all parts of the calculation. A mark was awarded for the correct calculation of the percentage change in nominal earnings, but there is no figure provided for the percentage increase in prices. This meant that no conclusion regarding the change in real terms could be reached.

Mark awarded = 2 out of 4

Example candidate response

| <u> </u> | change = Average workly painings - CPJ | |
|----------|---|----------|
| Change | unity: - 1000-916= 134. | |
| Change (| Pf 1- 86+4-67-7= 18-7. | |
| | | |
| | => 134-18-7= kc(115-3. | |
| To | 0 1 | |
| ive | real change is dependent on the avera | ge weeky |
| Carr | 1198, les, the inflation Late. In nominar | terns. |
| +16 | carnings have increased by AS & ISC | 1 but |
| at | a closer book the earnings lare , in | eleared |
| by | AS \$ 115-3 meanings that the vale | of |
| | 1000 | he or |
| i Di | alian has increased and the has | MAN CAN |

Examiner comment

This candidate understands the meaning of 'real terms' and gains a mark for this, however the candidate's application and data handling skills are weak. The candidate does not grasp the distinction between absolute figures, percentages and index numbers and fails to gain any marks for the calculation.

Mark awarded = 1 out of 4

Question 1(d)

With the help of the text and the table, discuss the economic outlook for the Northern Territory.

Mark scheme

With the help of the text and the table, discuss the economic prospects of the Northern Territory. [6]

Good prospects: trade in tourism (income elastic), minerals and oil, rising surplus, relatively low inflation rate, higher real wages, growth of working population.

Poor prospects: rise in unemployment, dependence on narrow range of production, variable demand, externalities of tourism and mining, lack of sustainability of natural resources.

For the identification of points that could affect the economic prospects of the Northern Territories (2 max.)

For explanation of why the identified points are relevant to the economic prospects. (2 max.)

For comment on the economic prospects of the Northern Territories, for example a reasoned summary or conclusion. (up to 2 marks)

| at not Tamakimi id. |
|--|
| The text & given atom prove that Australia |
| is a developing country and is specialised in |
| is a developing country and is specialised in manufacturing sector sugh and primary sector |
| such as extraction of oil and gas, mining over etc. |
| Abhares a Aborthern Tenitory not also tourism |
| one of main business (senice sector). I The |
| table shows growth in trade balance of Northern |
| serritory from between 2008-9 and sole 2012-13. |
| The consumer price in index to showed as |

| | 100 and clin due 141/1 + 100 - (24 d 0 2/4) |
|-----------|---|
| | upward Ship from 164.6 to 180,0 (815e of 9.36%). |
| | The actual inflation was forcasted to be 80% in |
| - | 2012-13 compared to 1989-40 (boxe year) which might, |
| - | decrease country's economic internation competitiveness |
| - | and attract less inflows of from abroad. Inflation to |
| 4 | is considered to be highly and people may lose confidence |
| | in money . So, gort: should take the figure seriously |
| | to increase country's ampetitiveness. The Northern |
| | Territory's carrier in real terms worth has been forecasted |
| | to increase, which could increase marginal propersity to |
| | cornere import due to high price of domestic gwods. |
| | The unemployment some to 5.7 % (547% size from 2008-1), which |
| | pressurise gort. to provide more yranglogment benefits. |
| | But labour force showed a rise of 9.4% from |
| | 2008-9 to 2012-13 which could inter increase |
| | GOOD Groves Domestic Broduct and output of country. |
| | Although, high dependence on natural resources will |
| \top | |
| \top | resources are scarce and high depency on them |
| \dagger | |
| | will lead to deple turn of resources. |
| + | |
| + | 731 |
| | (5)// |

This answer starts by describing some features of the Northern Territory economy before identifying information provided in the data that would allow a judgement to be made concerning the economic prospects of this area. The surplus on the trade balance, which is expected to grow, is identified. The candidate then provides some inaccurate estimates of the rate of inflation but goes on to explain the dangers of a high rate of inflation. Some good analysis is then provided using relevant economic concepts. The final paragraph provides a valid comment on the danger of the Northern Territories relying upon natural resources which might run out. A rather fuller comment on the future economic prospects of the region would have resulted in full marks for this answer.

Mark awarded = 5 out of 6

| Example dandidate response |
|---|
| The Northern Territory constitutes a small economy (than |
| Austrailia). Its main industries lie in the primary sector. |
| The economy relies heavily on agriculture and mining. |
| In other definitions, it could be labelled as a developing |
| economy. According to forecasts and suggested by the |
| text, the maining and extraction including are growing |
| significantly. In the future, this development could give |
| way to factories and structural charges in the economy |
| likely to shift towards the secondary sector. |
| Balance of Payments are satisfactory under the |
| circumstances, with exports significantly higher than its |
| imports. Inflation is also considerably low and stable. |
| This means risk-taking is enjoyaged and business |
| owners have confidence in the economy. |
| Employment is low as well, however the situation |
| might slightly worson according to forecasts. This may of |
| as well be structural unemployment due to businesses 4 |
| moving towards secondary sector industries. |
| 2+2+0 |
| |
| |
| (12) (12 |
| |

This candidate identifies and then explains two items of data that could be used to assess the economic prospects of Northern Territory. Good explanations of the inflation rate and the unemployment rate and the significance of each are provided. Marks are lost here however, because there is insufficient attention paid to an assessment of the overall prospects for the region. No comment is provided for example on whether the negative indicators might be more powerful than the positive indicators. This comment might have been supplied in a concluding paragraph in which some evaluative judgement might have been provided.

Mark awarded = 4 out of 6

| Morthern Territory as mentioned in the passage is a | |
|---|----------|
| | |
| populated area, which relieves heavily on tourism, | |
| mining agriculture and fishing which indicates | |
| that It has about of industries to each from as | |
| well as from the extraction of oil and year and the | |
| mining of iron -one and bourite. It shows a | |
| very well developed infrastructure of the Marthen | |
| 1 D | |
| territery of Austriclia. | |
| According to the table 1. In 2008-9, It has own | |
| excess of exports over imports showing a positive | |
| balance of payments: Further a head in 2012-13 | |
| · · · · · · · · · · · · · · · · · · · | |
| It's exports increased well enough, and again | |
| having a positive Bolance of payments showing an | usotota. |
| | |
| increase of 1739. Consumer price Index is a | |
| * | |

way of measuring inflation that in 2008-9 It has a CPI of 164.6 and goring off a little worse in 2012-13 has big an increase who In 2012-13 It was 180.0, indicating that inflation rate increased.

Average weekly earning in 2008-9 was 954 which increased in 2012-12 to 1072. Morning a good it sign. Next is the unemployment rate that in 2008-9 was 3.7 that roke to 5.7 in 2012-13 which is worse for Norther territory.

Population agad about 15-64 in 2002-6 was 170 which rose to 188 in 2012-13. This factor?

I considered with the infrastructum of the country.

Hence the Northern territory has well economic 2 ontlook as per the table given Not CPP1

Examiner comment

This candidate refers to a very wide range of economic indicators shown in the data. The answer starts with a description of the Northern Territory and then goes on to list the contents of Table 1. The weakness is that none of the indicators are used to answer the question. For example, it is stated that the unemployment rate is expected to rise from 3.7% to 5.7% and that this is 'worse' for the Northern Territory. This is clearly the case, but there is no explanation of why this is so. A simple statement that, for example, a rise in unemployment represents a waste of potential output or that the increase in unemployment benefits represents a drain on government finances would have been sufficient for a further mark here. Explanation of the points identified would have allowed an evaluative conclusion to be reached on the economic outlook of the region.

Mark awarded = 2 out of 6

Question 2(a)

Explain the role that a government should fulfil in a mixed economy.

[8]

Mark scheme

Explain the role that a government must fulfil in a mixed economy.

[8]

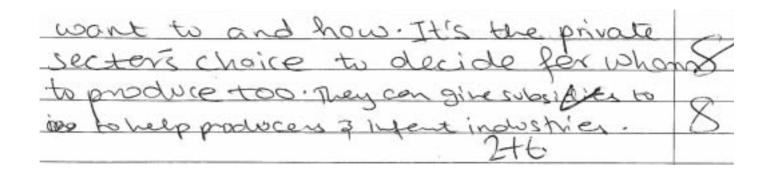
A mixed economy is based on private ownership, the profit motive, demand and supply etc. with a role for the government. The role is to provide the environment in which the market can operate successfully. This includes ensuring law and order, national defence, property rights and the provision of public goods and desirable merit goods. It intervenes with taxes, subsidies etc. to influence the behaviour of the private sector and markets and achieve a better allocation of resources.

For a definition of the mixed economy (2 marks)

For an explanation of the role of government in a mixed economy (6 marks)

| A mited economy is a mixture of |
|--|
| planned economy and free |
| marker economy. A planned |
| economy is run by the government |
| as it solely makes all the |
| decisions. Howeva, in a free |
| market economy the decisions |
| are taken his the primate sector |
| and the market forces, such as |
| donard and sugar Those is well |
| demand and supply. There is very |
| lette goncennent ?nfeerention, such |
| as to maintain low and order. 2 |
| A mixed economy being a |
| mixture of both the extreme |
| economies, involve two sectors |
| only, private sector and the |
| government. Private sector is |
| free to make decisions but |
| government when want or |
| feel the requirement can profesione |
| and after the actions of the |
| private sector to an extent only. (2) |
| In a mixed economy, private |
| sectors make private goods only. |
| They employ the fercters of production |
| according to their wants and decide |
| what to make and for whom to |
| Land of the second of the seco |

make, themselves. However their



This is a very full answer. The candidate starts by providing a sound explanation of the mixed economy. The answer then goes on to consider a wide range of roles that the government undertakes in a mixed economy. The comment is made that the role of the government is to maximise welfare and various types of government intervention to achieve this are explained. These include price controls, policy concerning demerit and merit goods, the provision of public goods and the need to ensure law and order so that the private sector can operate.

Mark awarded = 8 out of 8

| Section B. |
|--|
| 2 a) The mixed economy consists of bo |
| the market exonomy and the Public France |
| sector. The government operates |
| in the public sector, the vale of the |
| government is to provide taxes and |
| zubsidięz nationalise industries when |
| required, operate through a centralised |
| economy? Provide public goods and |
| prevent market tailure through the |
| prevention of = externalities by using |
| methods such as regulation and taxes. |
| the mixed economy attalso consists |
| of the market economy. The price |
| system wand determines this economy |
| as it helps to interpret demand and |
| supply and help also act as a vationing |
| Method. The Market economy will |
| remails broduce trivate 300 de and |
| DIN 2 MIT TO 2 DINOZUONT TO 2 T ZIE NOS |
| monons or nouseway and has a buse sola |
| to clay in the comment has a nugerole |
| mixed economy Housever the backet wind |
| e conomy also consists of the market |
| economy which will a small underning |
| one a overa ment policies. |
| Not him clear on 'mixed 1+4 |
| |

This answer starts with a rather uncertain explanation of the 'mixed economy'. It then continues with a number of reasons for government intervention, which are valid, but left insufficiently explained. The answer ends with a very confused concluding paragraph.

Mark awarded = 5 out of 8

| Mixed economy is defined as an economy which is controlled both by private Individuals and by government. It is the most realistic type of economy in todays would as ordying salely at government | |
|--|------|
| Individuals and by government. It is the most realistic type at economy in todays | |
| most realistic type at economy in todays | |
| most realistic type at economy in roday | |
| would as odving salely at government | |
| world as odying salely as government | |
| | |
| might make the economy inefficient and | |
| private individuals would ignore social cost | |
| | |
| The government should play a vital rale | |
| in government as soivete individuals | |
| in a mixed economy as private individuals | |
| Just aim at maximizing prafits which | |
| might mean that they might even provide formful goods and ignore negative externality | , . |
| harmful goods and ignore negative externally | es |
| | _ |
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| P | |
| | |
| -74/ | |
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| 9/ | |
| I I I have about negative extends | Hier |
| The alone day am shows regard | -6 |
| or to the neartine overalities are the | |
| | |
| harmful third party effect which might arise | |
| harnful third party effect which might arise | |
| harmful third party effect which might arise | |
| harmful third party effect which might arise | |
| harmful third party effect which might arise | |

| Government rale stould/ be to contal |
|---|
| the regative externalities and so provide |
| public goods and most good which which |
| indiviously do not provide of it is not |
| prafitable to do so. Government can |
| impasse taxes on the goods which create |
| negative externalities |
| grow and received |
| . 1 |
| P |
| 3 |
| P |
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| ai ad |
| |
| Imposing atax will make the supply |
| curre shift from so to so and |
| this will raise its price which will |
| The war raise is price with will |
| discourage people Som busing it Unless it has inclustic demand |
| H has nower demand |
| · Consument can refer how control |
| Milli Handa I'l his he |
| on Multinationals which might be running a monoply and explaiting the |
| running a monoply and explaining The |
| by maintaing strict law and order |
| by maintaing strict law and order |

| so in | mu melin a | neverment should keep | |
|----------|------------|---|-----|
| a check | and balan | re in the economy I subsiction rather than | 4 |
| through | taxes an | I subsicious reather than | |
| trying : | to provide | all the goods itself. | , , |
| | | 1+5 | 4 |

This candidate produces quite a weak answer. There is no clear explanation of the meaning of the term 'mixed economy' provided at the start of the essay. The role of the government is considered very briefly and there is a limited range in the reasons for intervention considered. The structure and content of the answer are both limited and a middling mark is the result.

Mark awarded = 4 out of 8

Question 2(b)

Discuss the accuracy of the definition of public and merit goods as 'goods that must be provided by the government'. [12]

Mark scheme

Discuss the accuracy of the definition of public and merit goods as 'goods that must be provided by the government'. [12]

Public goods are non-rival and non-excludable such as street lighting. Merit goods are goods underprovided by the market system. The consumers lack full information of the consequences of non-consumption. This might include healthcare and pension provision. Although the government provides public goods because it is not possible for the market due to free riders, merit goods are supplied to a greater or lesser extent by private providers. The government also provides other goods and services which are neither public nor merit goods. The definition fits public better than merit goods but is inadequate in itself.

For an understanding of public goods and why they are provided by the government (up to 6 marks)

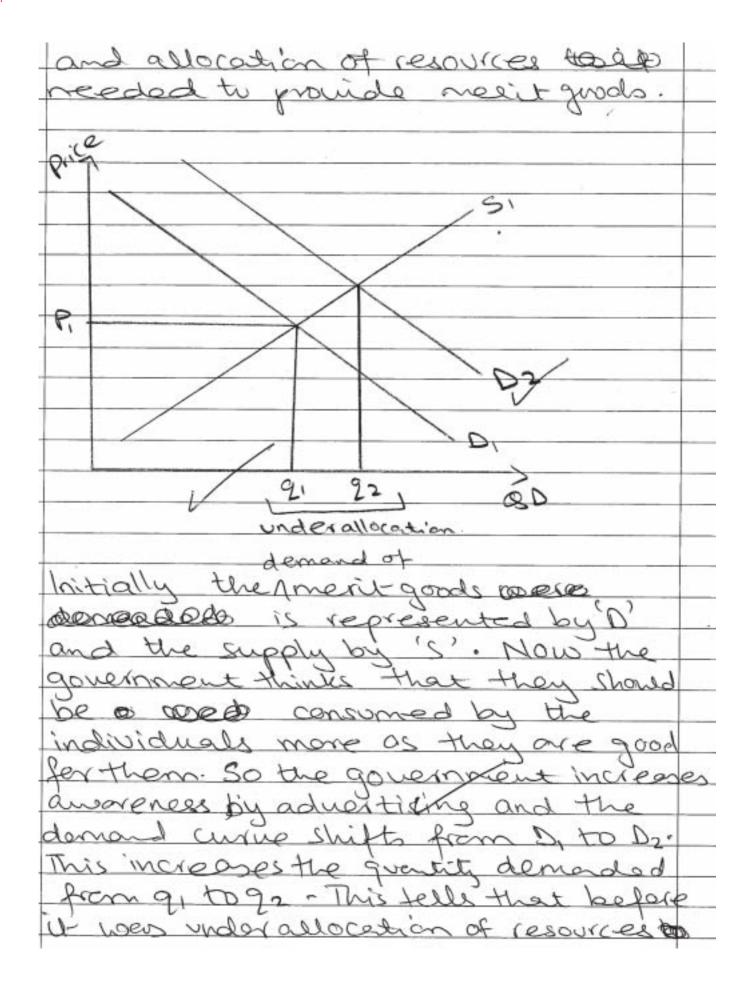
For an understanding of merit goods and why they are provided by the government (up to 6 marks)

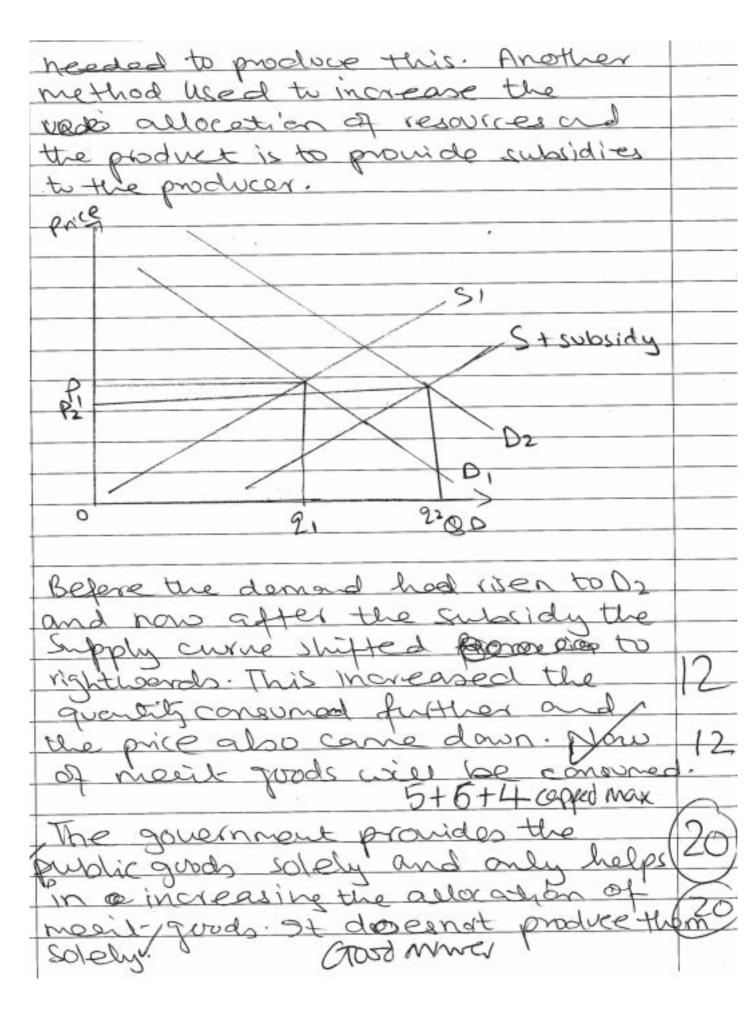
(10 marks max.)

Discussion of the accuracy of the definition.

(4 marks)

| Rublic goods are only provided by |
|--|
| the government, example being |
| eight house, defence, traffic signals |
| and roads. They have the |
| characteristics of non-well-water |
| and non-excludability. oden-esobalisty |
| |
| messes Non-rivalry means that |
| consumption by one individual |
| doesnot & reduce the amount |
| anailable to others. Nonyexchilds |
| means that no one is expluded |
| from the consumption not even |
| |
| those who have not paid feril. |
| tublic goods are provided by |
| the government as private sector |
| 3c not willing to produce it. |
| As no one is willing to pay for |
| it due to the non-recludability, |
| there is no proper planond registered |
| the said to said the said to t |
| Thus private sector is not interested |
| in making them. that Non-excludebill |
| thus private sector is not interested in making them. Places Non-revolutionil |
| problem of Fred-rider. Thus the government takes the responsibility of |
| government takes the responsibility of |
| |

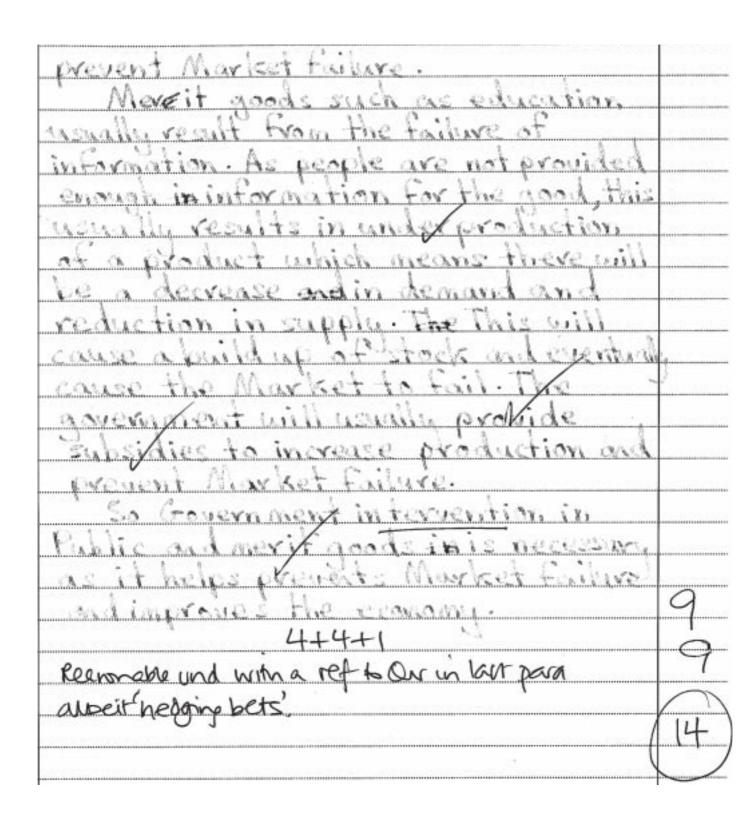




This is an excellent answer. The features of public and merit goods are each explained in sufficient depth. It is clear that the candidate has a firm grasp of each type of good and can distinguish between them. This allows the candidate to consider whether each 'must' be provided by the government. The view reached on each type of good is clear and this is confirmed in a brief conclusion.

Mark awarded = 12 out of 12

| A Pup A Public good has the teatures |
|---|
| of bieng non-excludable which means |
| ordere a person has purchased a good |
| other people will also benefit from it |
| and of bieng non siver which means |
| as more people consume the product |
| the benefit provide to those people |
| who consumed the product will not |
| be diminished. A Merit good is |
| defined as something Which evouides |
| benefit to people e.s. education but |
| they do seople do not passess the |
| ride 7 /smount of information of these |
| is.Vs. |
| The government usually provides |
| public goods such as defence as there |
| are not suffecient resources to produce |
| these goods in a market economy the |
| features of non-excludability and |
| non rivalry result in the Free vider |
| problem which means consumers benefit |
| from those goods that belong to others |
| rather than purchase thier dun good |
| This results in insuffecient source |
| resources bieng devoted to a |
| product and results in market |
| Failure. The government will |
| establish readulation to help |
| 4 2' |
| |



This answer contains evidence of an understanding of the main features of public and merit goods and gains marks for this. It would have been awarded further marks if the question had been answered more convincingly. A crucial point has been missed. This is that the government 'must' provide public goods because the free rider problem, which is mentioned by the candidate, means that private firms cannot charge a price and as a result cannot make profits from their provision. A more assured explanation of this point would have meant that the candidate would have provided a much more convincing answer to the question set.

Mark awarded = 9 out of 12

Merit Public

Daldlet goods are basically Those

groots which have main true qualities
in it. It should be non-exclusiable
which means it, the person benefinites
from it does not have the pull awards
of the penefits of provided to hem,
econolly The good should be nonunally means that the type of good
which is being provided could not
be provided by any other organisation.
e.g. Itselfights on regarded which are
On the other hand plant a

| rite only the amber of the westion in its margin | * These types of goods have positive externalities. | Leave this margin blank |
|---|---|-------------------------|
| | excludable - means the penson paying | 2 |
| | for the good can enclude others and | |
| | get benefit alone and there ague | |
| | competition in The Manhet for example | |
| | The good is only benefitive from it. * | |
| | But There is another part which | |
| | one de menit goods. These goods and | |
| | also reselvotable and Theire is compe- | |
| | Botion quallable four exaugle smoling | |
| | at ciggenettes. As he peuson paying | |
| | HO The pack is able to beneft but | |
| 7 | in This type of good the There are | |
| | negative enternalities means which | |
| ~0 | have bad appents on The society on | |
| and | The person in long-term. | |
| • | | |
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| | | |
| | 0, 0 | |
| | Blove Oliognam (a) represents the | |
| | Toward billy of me har grows but because | |
| | of the lack of audures populations | |
| | notativailed towards it allegoiemme | |
| | hesomers are getting water because he | |
| | and not allered for puly brages | |
| | Diagram (b) we guesters de-ment | |
| | good of ward suggery as consult but | |
| | demand as going righer day by day | L |

| () | Next comes the "goods That must be | |
|---|--|------------------|
| | provided by The appearment the | |
| | 'y grock like de fense' infractacture and education must be prouseed | |
| | 'in grock like "de sense" intractuiline | |
| | and education must be mouseed | erca, activitica |
| | by government. As the decisions made | |
| | in you the defense should not get into | |
| | Derivale hands because of miconal | |
| . ~ | security. On the other hard inpact- | |
| MANTE | Quetre should be provided by | |
| Par | government because the public as | |
| bassa | I a anole is benefiting from it as The | |
| 0 | Standard of living is ingrowed | |
| | which autematically increase the | |
| | Gras Domestic Product (GDP) of The | |
| | country. Than though is The education | |
| | which must be pupuloled by govern- | |
| | ment because This which benefit The | |
| | economy as There will be more | |
| | amound and educated people. | |
| *************************************** | then four the literance water on The | |
| | con tuy will wise. There will be mon | |
| | oppertunities for cope and less | |
| | buines and odelle would have | 2 |
| | The thursday of living this will also | |
| | haise The were Tother of The county | 7 |
| | as there would be woned reputation | 5 |
| *************************************** | which coarsol we alresoit the contin | |
| | an abusad Tenen | 0 |
| | little or relevance to merchy | 1) |
| *************************************** | Line of townses trecour | |
| | I I | |

This is a very poor answer that displays a complete lack of understanding, together with very poor exam technique. The candidate starts by stating that public goods are non-excludable and non-rival. This is correct, but it is clear from the explanation provided of each feature that the candidate has tried to learn these terms rather than understand them. This lack of understanding continues in the candidate's explanation of merit goods. It is correctly stated that these goods are excludable and that they have positive externalities, but these features are not explained sufficiently, nor are they used to answer the question about government provision. The answer then drifts into irrelevance with an explanation of demerit goods and some quite general comments on the benefits of for example education.

Mark awarded = 2 out of 12

Question 3(a)

Using economic analysis, explain the possible causes of the increase in the sales of electronic goods, such as mp3 players, in recent years. [8]

Mark scheme

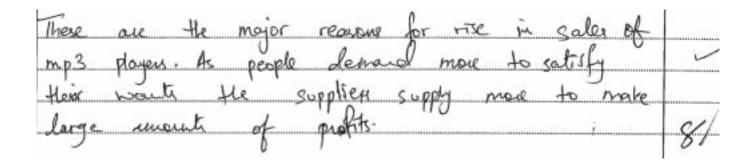
Using economic analysis, explain the possible causes of the increase in the sales of electronic goods such as mp3 players in recent years. [8]

Influences have come from both the demand and supply side. Rising incomes, advertising, changing fashion and tastes have increased demand. Innovation, the introduction of new and improved products and the lowering of costs have increased supply. The fall in the price of the goods has resulted in an extension of demand. More are being sold at lower prices.

Understanding the significance of demand and supply Explanation of demand and/or supply changes (up to 3 marks for each factor explained) 2 marks 6 marks

| s margin | | |
|--|---|------|
| (2) | 7 (V) | |
| Ansı- | There has been a marrive hype in the production and | |
| | sales of electronic devices such as phones, mp3 players | |
| | I Pools etc. There are ignomerable reasons for this | |
| | boom in the electronics industry. | |
| | and wends | |
| | Fixthy, it is the task of comment that have clarged | |
| | Earlier tope recorden and CD players used to | |
| | We come the purpose of of mp3 player but us | |
| | Here are more distable, and better quelty, and have | |
| | a much larger storage capacity there have risen in | |
| | production to meet the demand of the commen. | 1 |
| | In this modern era people prefer quality a saparity | |
| | The most which the mp3 player provide. | |
| | T 10 - 10 - 1 | |
| | The increase or the politicity of the protection and tel intentive production methods up another reason for the | |
| | | |
| | increase in the sales of such devices. With | |
| | glowing teensology goods can be produced | V |
| | as all the lite times lake and a face of | |
| | Then to trade a price | 7 - |
| | trought of scars over as managing, browners on party orangely | |
| | | |
| | 8 6 | |
| | A P | |
| | 51 0 | |
| | Ovartis: | |
| | The graph shows that the equilibrium is at & | |
| | with price 'P' and quantity Q. with the introduct | fan. |
| manufacture of the same of the | | |

slifting the supply arme from ss to Mp3 playare Their substitutes play an important this hype. The substitutes I Pode, I Phone, mph players are significantly cheaper. Everyone the tope regorder there objected mp3 player costs substitutes. an expensive 1Pod ec. 8000-10,000, over 5 times the price! D 0. 0 Prize a the quantity rose to P for the could margin



This is a very good answer that displays a good grasp of the required supply and demand concepts allowing a very successful analysis of the possible causes of the increase in sales of electronic goods. Diagrams are accurate and the examples provided of a possible increase in demand and increase in supply of these products are valid and appropriate.

Mark awarded = 8 out of 8

| Example candidate response | |
|---|----------|
| The Hernand too the electronic goods have caused it | 9 |
| sales to sixe. The demand of such goods have so | |
| increased because of competition, the competition | |
| between we from led to a decree sel spoices of | |
| such goods. The increase in competition might have | |
| caused because of increase in demand, as Demand | |
| curve shift, the prices of the electoria goods is | |
| which invited new flows to enter in the madice | 1 |
| sotubich eventually increased the Supply of such | |
| goods. | |
|) Phile (S) | |
| \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | |
| | |
| | |
| P' | |
| 82 | |
| | |
| | |
| 0,0,00 Q2\D | |
| Initially, the egy was at point E, then an in com | * |
| in denied cansed demand curve to shift, which | _ |
| increase the price to PI and increased Q to QI. | ļ |
| Because of higher polices, new from enteredinto | <u> </u> |
| the nacket and consed supply to shift to si | |
| and equipty to Qd and porce toPa. | ļ |
| Supply | ļ |
| The increase in Lemond might have caused because of | 1 |
| dellease in cost of production. The electronics | - |
| apole are designed in courtoics is the UIL and attent | _ |
| teveraped competities, but are cont to 706 Assembling | <u> </u> |
| J | |

| in Ching because of their labour. The Lecture in | |
|--|------------|
| cost of production might take have caused prices | |
| to tall which led to an inchease inflered. | |
| The increase in the sales might as & have consed become | |
| of inchease in Amaterly Advertising. The persuase | |
| sheeting shift the demand curve or girt whong | |
| | |
| P \ \ | |
| | |
| 1 | |
| | 31000000 |
| | |
| | |
| QD | |
| Intecent years, we consumed preferences and testes | |
| Love changed. Regare diverted more towards | 2011/12/20 |
| luxuries. So Ani a chaqe in preference might | |
| also have consed demand to SLIFE. 9 | |
| The increase in sales was to might also have | |
| led because of an increase in the company | |
| of corgulary. | 777700000 |
| The state of poetebence of consumers might have | |
| 마이트 마이트 마이트 마이트 마이트 마이트 마이트 프로그램 - HONG HONG HONG HONG HONG HONG HONG HONG | 6 |
| the called luxueies that the things which were | 1 |
| sixes for consumer now. | 6 |
| needs approcation to be clearer | |
| 2+2+2 | |
| | |

This answer contains some quite valid comment on the possible reasons for the increase in sales of electronic goods. Supply and demand curves are outlined and there are suggested reasons offered for shifts in both the demand curve and the supply curves. Some of the explanation provided is incorrect however and fails to score as highly as it could.

Mark awarded = 6 out of 8

| Products are divided into two groups inelastic, |
|--|
| 2 Products are divided into two groups inelastic and Elastic products. Products like Electionic such as |
| M/3 Player ar flartic Products. |
| Incepe in the efasticité sales of Electionie |
| and can be due to change in Proce and |
| M/3 Played are Plastic Products: Inclease in the elasticity Sales of Electronic goods can be due to change in Price and Income in Price. |
| Price Clashilly of Demand measures the degree of |
| Period Cerentage change in Price NAQ |
| in Price - Recentable change in quantity demanded |
| Cerentage change in Price |
| Price |
| Price Electronic goods demanded |
| 10 100 |
| 8 160 |
| A change in Price of electronic good will |
| A inclease its sales sevenue because wilt dem |
| As demand increases if plices are reduce In |
| Elastic products such situation will occur- |
| Other factor for increase in sales revenue |
| will be high incomes because consumer spending |
| Powel will inches and they will demand for |
| le services |
| Jacon blackisty of demand measures the degree |
| of un oniversus towards of a country demanded towards |
| a change in income of confumer. |
| Accome blasticity of demand measures the degree of supersideness towards of quantity demanded towards a change in income of consumer. Lecentary dange in trumity demanded |
| y y 2 Price |
| |

| When income incleases consumes will move boundly | |
|--|---|
| So they want to enjoy the luxury of Electronic goods this increases the Gales levenue for such products. | |
| so they want to enjoy the luxury of electionic goods | |
| Ones incleases the sales revenue for such products. | - |
| made deside in consumed to buy the product. | |
| Sales sevenue will increase in the scheation | 2 |
| when demand incleases and exability to being | 2 |
| in high than revenue of such phoducts will | |
| inclase: 0+2" | |

This is a weak answer. It is poorly focused and contains irrelevant material. The candidate seems aware of factors that affect sales, such as advertising and the price of the product, but there is no development of a supply and demand framework within which the answer can be delivered. As a result the candidate scores for one or two points made in a disorganised framework.

Mark awarded = 2 out of 8

Question 3(b)

Suggest two possible reasons why a government might increase the indirect tax on such goods and discuss, in light of these reasons, the likely effectiveness of such a policy. [12]

Mark scheme

Suggest two possible reasons why a government might increase the indirect tax on such goods and discuss, in the light of these reasons, the likely effectiveness of such a policy.

[12]

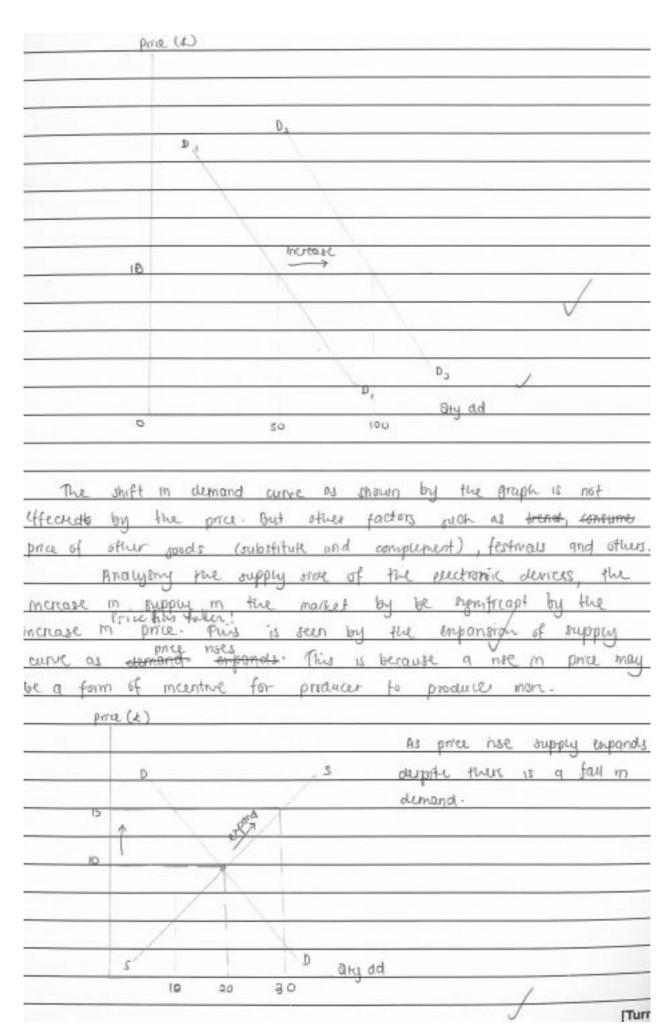
Possible reasons include raising revenue to finance government expenditure, cutting the purchase of imports to help the balance of trade. It might be argued that the products are demerit goods because of the harm to hearing and disturbance to others. An indirect tax is imposed on spending and raises the price of the good. PED measures the responsiveness of demand to a change in price and affects the impact of an increase in an indirect tax. A tax will best reduce the quantity imported when demand for imports is elastic as there will be a more than proportionate fall in demand. To raise revenue it is better for demand to be inelastic so that the fall in demand is less than proportionate to the price rise. The effectiveness of internalising the negative externality will depend upon setting the tax at the appropriate rate.

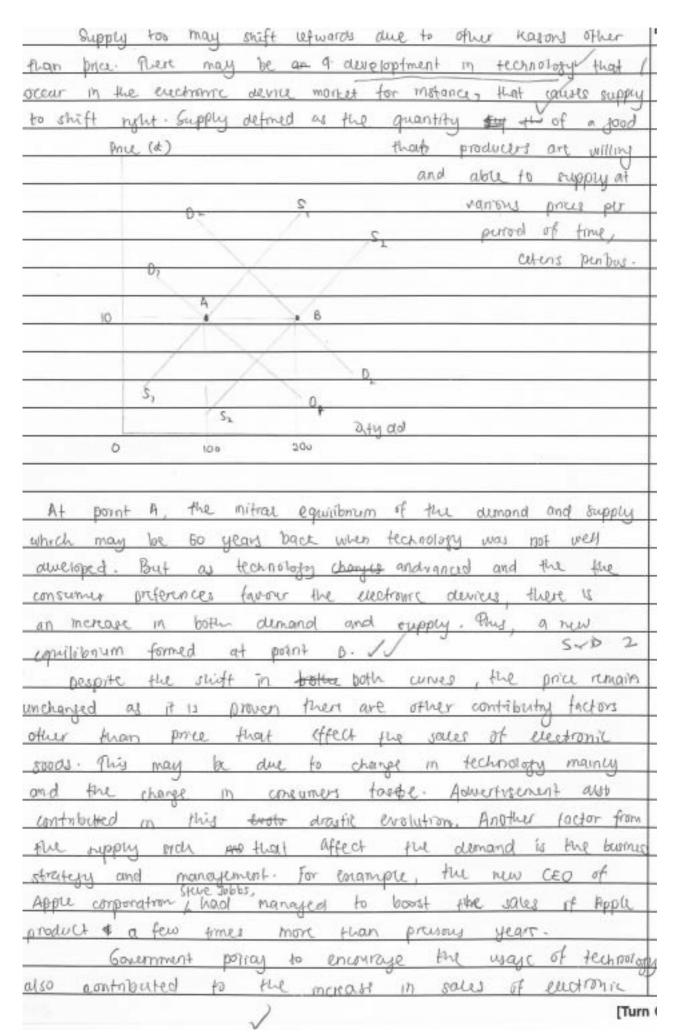
For a definition of indirect tax (1 mark)

For an explanation of one reason for an indirect tax and a discussion of 'effectiveness' (up to 6 marks with 4 max. if only one element is considered)

For an explanation of a second reason for an indirect tax and a discussion of 'effectiveness' (up to 6 marks with 4 max. if only one element is considered)

| The | e courses market trains of goods and services may show have |
|-------------|---|
| shown rapid | changes depending infruenced by several factors. The morket |
| | y the forces of the demand and supply in the market. |
| | outmed as the quantity ofmanded of a product that consumer |
| are willing | and able to buy at various prices per period of times point |
| | goods have seen a change in trend of demand where so years |
| | tronte devices are seen as warry fords and teently |
| electronic | devices are considered as one of the normal necessity toods |
| | amony the young generations of |
| esperang | There are several factors that affect the charge in demand |
| | ectronic goods. According to the normal law of demand, the |
| | demanded will not as price fall. Dopper This is shown by |
| | on along the sight demand come and it is sorry aftertal |
| | II in price / However, there are other factors that may I |
| affect des | mand- when exectronic device are concurred, the major |
| factors the | at causes this increase may be the technology and change |
| | is taste tour in favour of electronic devices. The other reason |
| | moutes may also be a influence from the advictisement by |
| | This factors causes a stop parallel rightward shift in demand |
| curve. | |
| price | (4) |
| pros | The Bo empansion of demand |
| | quantify demanded may also |
| | affected by the Price elostraty |
| | |
| | of demand. The more elastic |
| 10 - | it is the more significant charge many he observed by porte |
| 1 | |
| 5 | tau. |
| | |
| | |
| | D Rity aid |
| | |
| 0 | 20 -J 100 |



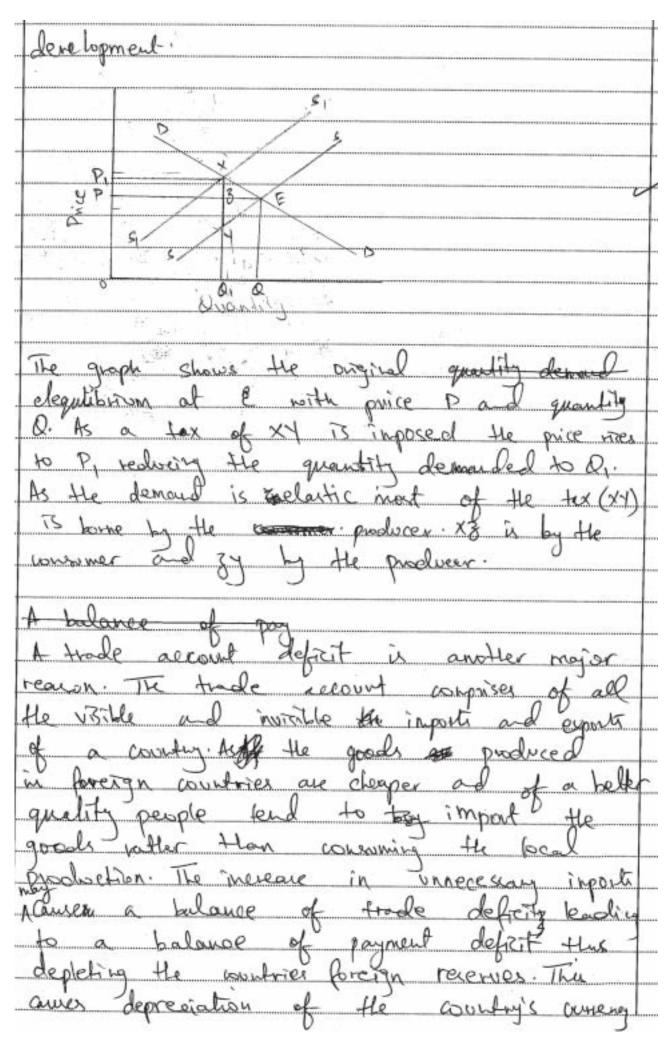


| | ge if information technology is encouraged on and globalisation, twerment may subsidist | THE COL |
|--------------------|---|---------|
| the olivirus for s | schools and office, which mereases tales | |
| of the device | 1 | |
| | | |
| | 2 + 6 (Max) | 11 |
| | ato (nan) | 8 |

This candidate clearly identifies two reasons for the imposition of an indirect tax. Each is explained clearly. Although the second reason identified has the effectiveness of the tax examined, the first reason does not consider this aspect of the question. The question clearly states that effectiveness should be considered, so marks are lost and the mark awarded less than it could have been.

Mark awarded = 8 out of 12

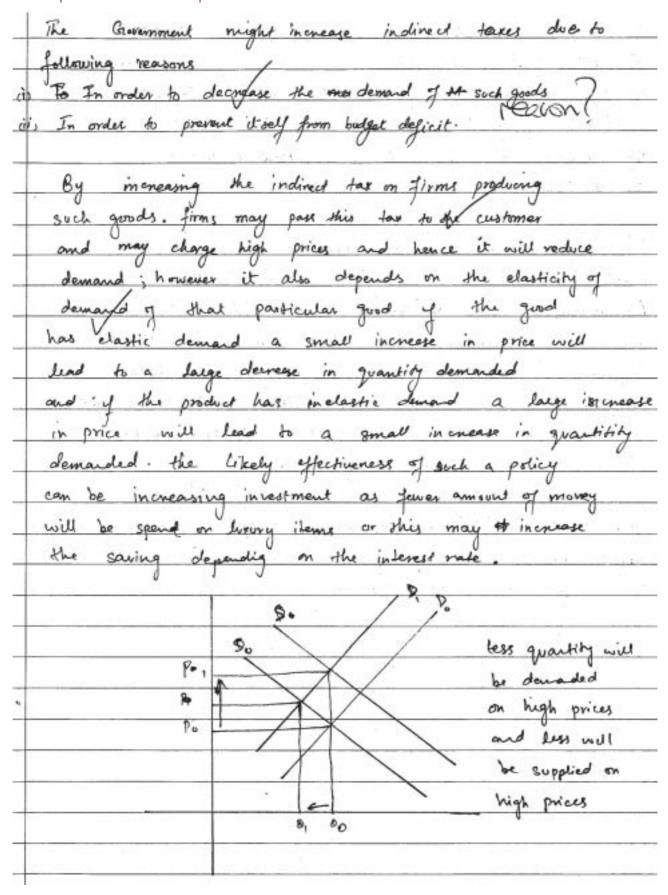
| | the state of the s |
|-----|--|
| | my use protectionism such as Ligh tariffs, quotos |
| 0 | c interease the amount of indirect toxes. |
| | |
| De | maid pull iflation is a major reason. It is |
| de | fired as the rise in demand for goods which |
| Co | uses the pieces to inflate, that in to say, too |
| | |
| | weh money claring for few goods with a |
| l | uge amount of money in the bonds of people |
| | eir demand for possiver kids to increase. |
| | |
| | is type in the buying of unnecessary items |
| Ce | unes the prices to live thus resulting in inflation. |
| W | the the introduction of a touth the prices |
| - 1 | on the fine sement in the fine |
| | such goods increase. They cost of production |
| | mes the producen to reduce their supply |
| 4 | at causes a tie in give this lowering |
| 1,, | is another land to all in both |
| | in quantity demand to adolition to this - |
| | xuries have an Plastic demand. So, if the |
| D. | vice view the quantity demand decreaser The |
| , | |
| | eople who still continue to buy such |
| е | epeneive boxunies pay large some of too to |
| 1 | is government which adole to their |
| 1 | evenue which can be spent on economican |



Quantity

Candidates were asked to identify two possible reasons for the imposition of an indirect tax. This candidate is unclear on the possible reasons. The reference to demand-pull inflation is confused. There seems to be a recognition that indirect taxes can raise revenue, but this is not developed. Similarly, the explanation of a trade account deficit is not fully clear. In terms of effectiveness, it is correct to refer to the price elasticity of the taxed profit, but this candidate does not apply the concept successfully. The answer also fails to define or explain, 'indirect tax'.

Mark awarded = 5 out of 12



| TV : it is the many regett the individual | |
|--|-----|
| The increase in indirect dat may result the individual | |
| with the higher disposable income at the end of month! | |
| As fewer amount of money will be spont on living thems | |
| and this may lead to better standard of living | - |
| By increase the tax it also provides more equal | |
| dis distribution of income | |
| the state of the second | |
| The gort may increas indired texas in order to | - |
| achieve prevous it self from budget deficit TONOWE | |
| By increasing the ste taxes it will limit the | |
| wants of consomer and this will redoke the | |
| wants of consumers which means | |
| aggregate demand of consumers which means | |
| imports are less and exports will be high. as well | |
| as budget and this will result in budget sorplus | |
| however in a long rung currency of the country | |
| may depriciale. Because continuous budget supris as in | + |
| make the exports expensive for ath exports expensive and | |
| imports will be less expensive which will result | 3 |
| in depriciation of currency | |
| | 1 |
| 0+2+1 | 15 |
| | 0 |
| Lack realingagement. | (4) |
| | 1 |
| =1319/ | (1) |
| | (T) |
| | 1 |

This candidate identifies two valid reasons for an increase of an indirect tax, although one reason is not expressed very well. The supporting analysis is confused however and fails to answer the question set. The diagram is incorrect and there is considerable irrelevance. This suggests that the candidate lacked the necessary knowledge and understanding to attempt this question.

Mark awarded = 3 out of 12

Question 4(a)

Explain why the successful operation of the division of labour depends upon the use of money.
[8]

Mark scheme

Explain why the successful operation of division of labour depends upon the use of money. [8]

Division of labour involves dividing the production process into a series of stages. This leads to more specialised outputs which are not necessarily final products. Trading these in a barter system would be difficult, inefficient and probably impossible. Money, anything that is generally acceptable as a means of payment, can act as a medium of exchange and a unit of account, so enabling trade to take place and making division of labour effective.

Understanding of division of labour and money 4 marks (one only 3 max.)

Explanation of the link between the functions of money and trade 4 marks

| 100000000000000000000000000000000000000 |
|--|
| Modern Loy producion is based upon |
| the principle of division of water Diwson |
| & labour is of grocen Work is accompanied |
| by specialisation where the portions do that |
| facts they are good of this is time |
| lawing and efficient and the division |
| of cotor has been jurien promoted |
| by the use of money as a medium |
| & exhange. |
| (|
| In old times when the concept of money |
| was not incrodued people used to |
| vely on berter system to corry out |
| That Louy conscions. A former would |
| lake his sent of wheat and go into |
| the marker to buy some look in |
| consuming and described and lime |
| consuming and depended upon the double |
| Concidence of sont of discoraged |
| duision of vistor and special scores because |
| people only exhanged everytele goods egs |
| sould and The too or country where |
| royed only get short if he had a whole eals |
| NO Just ille uspecto. Thus broken discoursed |
| División D labor |
| in the second se |
| With the advert of the use of money as |
| |

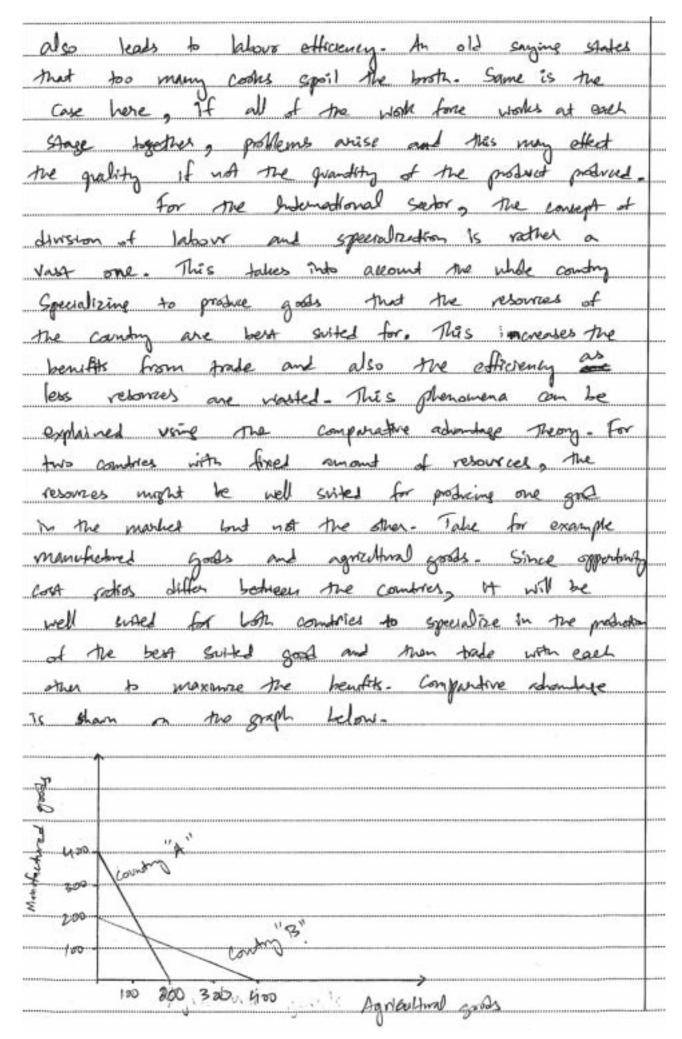
medium a exhange the concept manuficioner who operation of division general acceptablely commodition they des money

| Thus movey is exertial in the supposed | lo gél am a | eureale quantitatio/measu | e |
|--|--------------|-----------------------------|----|
| Thus morey is evential in the humanul | of babons or | sork. U | 1/ |
| trees to a contract of the decoration | Thus money | is evential in the surregul | |

This candidate explains both the division of labour and money as a medium of exchange. The answer goes on to explain how money facilitated exchange through the removal of barter and the necessity of a double coincidence of wants. This encouraged growth and the division of labour. Each concept together with the link between them is explained ensuring full marks.

Mark awarded = 8 out of 8

| Q4). | z (17) |
|---------|---|
| (a) | |
| Anguer) | The use of money has a Significant impact |
| | on the successful operation of an Economy. Money is |
| | a medium of exchange , a method of account and |
| | a stone of value. Within the economy and in the |
| | international sectors ne exchange of goods and |
| | Services takes place using money- Labour is a |
| | factor of production and is very vital for production in |
| | an economy. All economies weight from the factor |
| | endowment and the amount of resources they have for |
| | production of goods. This benefit that the committee |
| | derive can be maximized if resources are used in a |
| | many they are best suited for and this leads |
| | to Special bation. |
| | Division of labour is a part of squeezalladin |
| | process to increase the productivity and thus the |
| | benefits derived from it. This who constitutes to an |
| | efficient use of resortes present in an economy, as |
| | less resources are now vasted. Specialization has benefit |
| | both Jone Air and in forestronal. & When looking |
| | from the downestic point of view, the production |
| | process inmenses and so does the productivity when |
| | bloom is specialized. Productivity refers to the |
| | output per worker per given resources per time. |
| | For a manufacturing industry for example, if all |
| | womens work pogether at all stages, the process would |
| | take much to cach longer time compared to cach |
| | Worker doing his designated tagle. Division of labour |



After the production of goods by division of labour, the to Marinter the gains, the goods are traded on the intendental market. For these, the main determinant is moved, as it is the medium of exchange. The price of one curronay in town of mother country is raffered to as exchange rate. The country proclases the goods of another country in the intendental market and this exchange of goods continues on a wat level beading to all the contrares mystered getting the benefits.

Hence it can be seen that suggested spends of division of labour or in other words.

Examiner comment

This candidate explains in some detail the division of labour and identifies this as an aspect of specialisation. Money is also identified as a medium of exchange. This scores highly. Unfortunately, the candidate scores very few marks for the second part of the mark scheme. There is very little on the link between the use of money and the growth of the division of labour and trade.

Mark awarded = 5 out of 8

| Seutim B. | |
|--|--|
| a). Division of labour weams that dis | ite labour Trito each process |
| of a the production of a good. | It will increase the productivity |
| because each marker will of not | 그 ^^ |
| will Thoreage the quality of the good | ds. But the workers may |
| for feel boring because of doing the | same thing all every day, they |
| might lose motivation. Also, the | Independency of workers are |
| Not strong, if one worker is also also | |
| production line will stop. Workers | only have single skil, it will |
| Thursaire the unempolyment. | |
| Uses of money means the function | is of money. First, medium |
| of exchanges when the country has the | domastic and international trade. |
| Second, store of value, such as sair | ing the money on the bank. |
| Third, measure of value. to evalue | ate the value of goods and |
| Services. The last one is standard of | |
| The mucesiful operation of the a | division of labour depends upon |
| the use of maney, because one of | |
| distribution of labour is that the | *** |
| then the company may Trureaux the | particular and the second seco |
| makes that is the norkers will have | |
| the the productivity of the company | |
| depends upon the functions of mone | |
| | bane |

Examiner comment

This is a very poor answer that does not go far beyond a very basic grasp of the two central concepts. The candidate gives a very brief definition of the division of labour but there is little accompanying explanation or attempt to illustrate the process through examples. The answer also contains some irrelevant comment on the disadvantages of the division of labour. This is followed by a list of the functions of money. Again this is far too brief. The candidate fails to display any idea of the link between the two concepts.

Mark awarded = 3 out of 8

Question 4(b)

Discuss whether it is the behaviour of producers, consumers or governments that is most likely to cause inflation. [12]

Mark scheme

Discuss whether it is the behaviour of producers, consumers or governments that is most likely to cause inflation. [12]

Inflation is a sustained rise in the general price level and is measured by the CPI or RPI. Each of the groups can contribute to inflation although in different ways. Producers may increase prices to raise profit levels or to respond to higher import prices (cost push); consumers may increase their spending and reduce their saving raising AD (demand pull); governments may increase the money supply (monetary inflation), lower direct taxation and run budget deficits (demand pull) and raise indirect taxation (cost push inflation); they may also manipulate the exchange rate. Candidates can argue for any group although government influence may be most widespread.

| For a definition of inflation | 1 mark |
|--|-------------------------|
| For an understanding of different types of inflation | 6 marks (10 marks max.) |
| Analysis of the influence of different groups | 6 marks (10 marks max.) |
| Discussion of the relative impact of the groups | 4 marks |

| Inflation is persistantinse ingenceal | |
|--|-----|
| Price level - Inflation can be of different price level - Inflation can be of different (51-10+) (1) Galloping inflation (Startottel (10+020)) (2) Walking inflation (Startottel (10+020)) | be |
| in Galloping inflation pottol (51-10+) | _ |
| (2) walking inflation (States 18:18) (10+1026). | -) |
| 131 NAUGY LILION | |
| @ creeping in Hatia (17-57.) | |
| Inflation course general price leve | _ |
| to see my some was which can even have | _ |
| Carrie maren 40 1036 HB Account of where | - 1 |
| Inflation can be due to behavior | _ |
| of produces (obegrand motoria) | |
| Consume (Ess Prest intland | |
| or government (monetary inflation) | |
| do Alling con | - |
| nominal our inflation is when | _ |
| Aggregate demand & econonory nies | |
| Aggregate demand & reconancia pending, | |
| La a Canada Ca a a la company | |
| Most good a low interest last the | |
| in capital investment, an their all | |
| result in increase in addressars | |
| demand in an aconomical | _ |
| every easing and little import peyment. | _ |
| technological grown resulting none | _ |
| production | |
| Y | |

| Page | Leave blank |
|--|----------------|
| A P. Original ADS | |
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| Pu AOX | |
| 1 / La revell | |
| 1 P ADa & - Full emplays | m |
| , 40 that | |
| 400 \$1 3 1 5 00 K | |
| Increase in aggregate demand will | |
| result in increase in price level along | |
| with increase in National mone | |
| however this is only possive uptill | |
| point of ful employment after which | |
| in crease in Aggregate demandwill | |
| increase Price level to at pud not | |
| National Income Demand pull inflation | |
| to due to pattern of spending of | |
| o cosumers - | |
| ¥ | |
| Cost push inflation is come mitiated | |
| by rising and sustained by rising | |
| by rising proces and sustained by rising proc of goods - cost pust inflation | |
| can be caused by | |
| (1) Increase in price of raw material Eexpensive con | 4 |
| Direreage in wage rate (Kade mian) | Hobert |
| (3) Increase in price of importal rax material | |
| caused by increase in prices in other combine | |
| D most increased to indirect taxes. | |
| THE THE PARTY TO T | |

in increased cost 2. 8000 decrease in supply d employme ation and inflation. P=Pricelevel

believe ENCE 9 prices to vize

Examiner comment

This answer provides a good definition of inflation which gains credit. There is also a strong analytical framework based upon demand-pull, cost-push and monetary explanations of inflation. These gain full marks as per the mark scheme. There is also an analysis provided of the relative influence of consumers, producers and the government linked to these explanations. The candidate also concludes that it is the interaction of all three agents that causes inflation. This is an acceptable conclusion at this level.

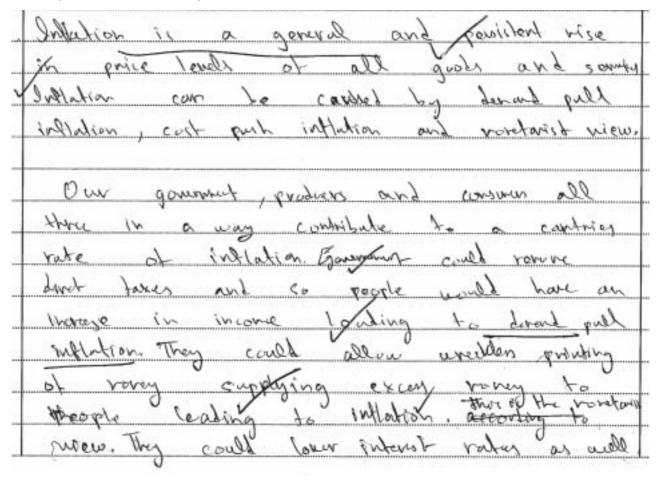
Mark awarded = 12 out of 12

| b) Inflation means the continues Therease in the price levels of |
|---|
| goods and services in the remany over time. There're three |
| causes of inflation: demand pull inflation, cost push inflation, |
| Wor and money supply mflation. |
| Demand pull inflation is when the total demand of goods and |
| services Thursave on lot, the pricelest goods and services Thursave |
| and then, it cause the demand pull inflation. It is the |
| behaviours of consumer to cause meflation. The inflation will |
| cause the user of living Trureaux and the living standard |
| decrease of people. Also, the unempolyment will increase. The |
| government will ming laws quel as indirect good taxes on goods. |
| especially the gords will inelactic demand and elactic supply, then |

| people will pay more tax and the consumption will decrease. |
|---|
| and the demand of goods and services will decrease. |
| Court push inflating is when the edit of production of |
| a good or gernice is very high, theor the products will increase |
| the price to goin more profit. Then it will cause the court push |
| Inflation. It is the behaviour of producers to cause the inflation. |
| The Inflation will high domestic inflation will cause the exports |
| there expensive and imports more cheaper, then people will prefer |
| to buy the imports instead of local produced goods. The local |
| companies may fait. To st colve this situation, the government |
| will give a substidy to producers to encourage the production. |
| and ming the The the cont will decrease and the price will |
| deveage, the inflation will reduce. |
| Money supply is the government gives money to the consumors |
| to encourage the communition. It will cause the demand of |
| goods and services moreage and the prices mireage. Then it will |
| lead to an inflation. It is the behaviour of the government to |
| cause the inflation. The high domentic inflation will cause |
| the exports less competitive, then the demand for exports |
| devrease and the demand for imports increase, it might |
| lead to a balance of payment defruit for the country. Then |
| the government will take some actions to deal with balance of |
| payment defirst and the inflation. The government may use |
| the expenditure curitching poliny to reduce the Bop deficit that/iz |
| quittach quitch the expenditure on Triports to the local produce |
| companies. 7 |
| Overall, I think the behaviours of produ consumers, |
| producers and governments will at come the inflation. |
| 143+3 lacks form 10 (10) |
| 0 |

The candidate starts with a definition of inflation. This gains some credit. The answer then lists and gives a brief explanation of demand-pull, cost-push and monetary explanations of inflation. Each is generally satisfactory, although lacking in depth and reference to economic frameworks. These gain credit, but the main weakness of the answer is the limited focus on the behaviour of producers, consumers and governments. This means that a full discussion of which is most likely to cause inflation is not provided and this leads to the very weak conclusion and a disappointing mark.

Mark awarded = 7 out of 12



| 1 2 | If the games starts encouragely borrowing |
|-----|--|
| | and landing of very from banks that will |
| | iverage denout pull inflation. Totalient torres could |
| 1 | |
| - | be removed or burned leading to cost pub |
| | nd lation. |
| | Chart using capital interim nethods audich |
| | chart using eapted interine nethods auddich |
| | will lead to montogrant. |
| | |
| | (Production possibility come) |
| | On Hatrin |
| T | rale 1- |
| | |
| - | tungadou set toate |
| - | The went of the state. |
| - | The above diagram is an production possibility cura |
| - | chantry than the vote of inflation and |
| - | unerplay but reacting. |
| _ | I) produces chart giving up and stop produity |
| _ | goods in their contry this will ralle |
| | poplary rely right on imports womaning |
| | believe of trade and country intlation |
| | |
| | Conjuna should give have imparture to some |
| - | ordinal acids. |
| | product goods & should give hove importance to some |
| | product of cody. (2) Product of cody. (2) Product of cody. (3) Product of cody. (4) Product of cody. (5) Product of cody. (6) |
| | product goods (1) 10 therefore from the above possibilities 11 can be concluded that consum; |
| | produced goods (2) produced goods (2) the obore possibilities It can be concluded that consum: produces and government to cause intention but they |
| | product goods (1) 10 therefore from the above possibilities 11 can be concluded that consum; |
| | product goods (1) 10 therefore from the above possibilities 11 can be concluded that consum; |
| | product goods (1) 10 therefore from the above possibilities 11 can be concluded that consum; |
| | product goods (8) 10 therefore from the above possibilities 11 can be concluded that consum. |

| New Hade win interfere Hence leading to | |
|---|----|
| guin haxirum prolit coul also crete intakion. | E |
| [+2+1+] | 5 |
| Torcher manuber of revenant idea, but begins bevelop here. | |
| we we serely nie. | |
| + | |
| | 11 |

This candidate is aware of how the government might cause inflation, but this is presented as a few isolated points and is not developed within a conceptual framework. Similarly, reference is made to producers and consumers, but without the conceptual framework, the candidate is unable to develop the answer to gain a good mark.

Mark awarded = 5 out of 12

Paper 4

Emerging economies and the way out of a recession

During the recession of 2009 several economists forecast that some emerging (fast developing) economies would perform better than the developed economies. One indicator of this, they said, was the strength of the exchange rate of the currency of some emerging economies against the US dollar. For example, between November 2008 and July 2009, the Brazilian currency rose 11.4% against the dollar and the Indonesian currency rose 10.2%. Another indicator was the forecast growth rate in GDP as shown in Table 1.

Table 1: Forecast growth rate in GDP for selected countries

| Forecast Growth Rate in GDP | | |
|-----------------------------|--------|--------|
| | 2009 % | 2010 % |
| US | -2.7 | +1.4 |
| UK | -3.5 | +0.3 |
| Germany | -4.3 | +0.3 |
| Japan | -6.5 | +0.4 |
| Hong Kong | -5.9 | -0.3 |
| China | +6.0 | +7.0 |
| Singapore | -7.5 | +1.9 |
| Brazil | -1.5 | +2.7 |
| Columbia | -1.0 | +1.5 |
| India | +5.0 | +6.4 |
| Indonesia | -1.3 | +0.6 |

Emerging economies are often dependent on exports to achieve an increase in GDP. Some economists suggested that it would be better for their economic growth if these countries were to concentrate on domestic demand rather than exports.

China, in particular, they said could lead the world out of the recession if it relied increasingly on domestic demand. Indeed, the Chinese government encouraged a shift from export-led industries to programmes aimed at improving the Chinese infrastructure in order to create jobs and thus increase consumption of Chinese goods. Banks were encouraged to make borrowing easier in order to create more credit for consumers and businesses. The government started a massive fiscal stimulus and increased its forecast of GDP to a growth rate of 8.3% in 2009 and 10.9% for 2010 (previous forecast figures were 6.0% and 7.0% as in Table 1).

However, other economists do not accept that there should be an emphasis on domestic demand. They argue that trading links are the strongest evidence of the emerging economies' ability to grow. They state 'no emerging market that adopted an export-led growth model has subsequently needed to break away from it — including China'. China's exports as a percentage of GDP are 32% compared with only 13% for the US. Smaller Asian countries are even more dependent on exports; Singapore's ratio of exports to GDP is 234%, Hong Kong's is 169%. It will be difficult for economies such as these to increase domestic demand and reduce their dependence on export-led growth.

(Source: Financial Times: June 12 2009. Table source: Economist p105 April 18-24 2009)

Question 1(a)

Explain what is meant by GDP.

[3]

Mark scheme

The Gross Domestic Product (GDP) measures the value of economic activity within a country. Strictly defined, GDP is the sum of the market values, or prices, of all final goods and services produced in an economy during a period of time.

[3] (For stating Gross Domestic Product 1 mark only)

Example candidate response

| Dia | @ GIDP |
|-----|---|
| - | - stands for cross doprestic product. |
| | - stands for cross doprestic product. |
| | services producted within the geographical limits of |
| | a country in one geal. |
| | Grass National Product = GIPP + net vicome from aboad |
| | ⇒ GIDP = GINP- net & income from abroad. |

Examiner comment

This candidate had an understanding of the meaning of GDP, and stated that it was for a given time period and expressed as a monetary value.

Mark awarded = 3 out of 3

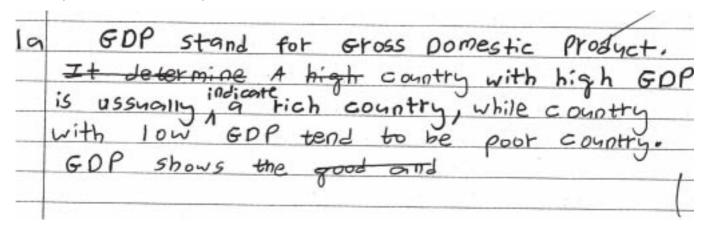
Example candidate response

| unbers | / | _ |
|--------|--|---|
| (0) | GDP is the total value of goods and services produced by the factors of production | • |
| 101/ | in the country. It is soid to be the national income of a country. Gross domestic | 2 |
| | product is the summation of consumption, investments, government spending, and net | |
| | exports (GDP=C+I+G+(X-M)) | |

Examiner comment

This candidate gave an explanation of GDP but omitted to state it was for a given period.

Mark awarded = 2 out of 3



Examiner comment

This candidate gave a poor explanation which did not include any reference to monetary value nor to a time period.

Mark awarded = 1 out of 3

Question 1(b)

The article says that banks were encouraged to make borrowing easier.

Explain what this might mean and why the government might have thought this was necessary.

[3]

Mark scheme

It means more available credit, easier to get; or credit at lower interest rates. This would be likely to increase national income by the multiplier process. (A descriptive reference to the process is sufficient; there is no need to use the actual term)

[3]

Example candidate response

| h) | The stotement means that the banks would allow individuals 4 and firms to borrow | |
|----|--|---|
| - | money more easily by lowering the interest rate. This would allow more credit for | 2 |
| | consumers and businesses and hence increase domestic consumption and investment. Since | |
| | consumption and investment are components of the GDP, the GDP would thus increase | |
| | indicating economic growth, | |
| | 3 3 | |

Examiner comment

This candidate clearly explained the meaning of the phrase and the reason why easier borrowing might be necessary to stimulate economic growth.

Mark awarded = 3 out of 3

| (b) A in a period of recession, the consumption level goes |
|--|
| down flow of saving straget is being done the they |
| are in a period of recession, unemployment if high. |
| So by ancouraging borrowing from bank, will had to |
| investment in the country where amployment will increase, |
| whon the employment will increase then they there will |
| be more consumption thus little by little it will be |
| the vacy out of recession. |
| |

Examiner comment

This candidate attempted to answer the question but the answer did not direct itself explicitly to the phrase which should have been explained. Instead the answer began by describing what happens to consumption in a recession.

Mark awarded = 1 out of 3

Example candidate response

| | 4 | |
|-----|---|---|
| 61. | In order to create more credit for consumers and | |
| | business Thus the government Started a mussive | |
| | Fiscus stimulus and increased its forecast of GDT | |
| | to a growth rout of 8:3 % in 2009 and 10:9% | |
| | For 2010 Wich means with the bank borrowing | |
| | there had been a marked increased of 3.6% in (| 6 |
| | the GDP | Ų |

Examiner comment

This candidate mentioned credit but did not answer the question about what the phrase meant nor why the government might wish to increase credit.

Mark awarded = 0 out of 3

Question 1(c)

Is there enough evidence in the article to support the view that there has been an improvement in the economic situation of emerging economies? [6]

Mark scheme

Use the figures for specific exchange rates, and figures for GDP – expect to see examples of emerging/developing countries compared with developed countries. But they are only selected countries, and for only two years and they are projections not actual figures. Exchange rate figures may mean exports become more difficult to sell.

[6] [Maximum 4 for one side of the argument only]

Example candidate response

| () | The table & shows fulure growth rate in GDP |
|------|---|
| ′ | of different countries, in which all the emerging |
| | economies have increase in these GPP. Also the |
| | article says that - the exchange rates of emerging |
| | economies increased with respect to BUS. |
| | However, vicease in GOP doesnot show that |
| | The economic situation has become better. Due |
| | To . |
| | - population = a greater rise in population was GOP |
| | means that economic situation is workening. |
| | - inglation = Rise in GOP may have caused demand |
| | pull inflation of the rate of inflation is high. |
| | - Quality of life = viceage in GDP doesnot tell w |
| | about the quality of life. |
| | - unemployment may have undeased due to nic |
| 20 | there is emdence not sufficient emdence to |
| Sur | port the new that there has been an implov- |
| 2000 | ut in economic cituation of developing economics |
| EME | 4 |
| | |

Examiner comment

This candidate used the information in the article to illustrate an improvement in the economic situation of the countries but also suggested reasons why this information was not sufficient to draw a definitive conclusion.

Mark awarded = 4 out of 6

| No, there is not enough evidence. It is stated that emergin | ia economies are atten |
|--|-------------------------|
| No, there is not enough evidence. It is stated that emergin dependent on exports to advieve an increase in GDP, b | rut no exact evidence |
| is given. Besides, exchange rate for of the currency for economies against the US tollar is not given, only for Indonesian currency above. | other emerging and |
| Indonesian currency given, one indicator was not enough | to show an improvement. |
| | 2 |

Examiner comment

This candidate mentioned that emerging countries are often dependent on export-led growth and did suggest that the information about this was not sufficient to indicate whether there had been an improvement in their economic situation. However, there was no mention of other indicators which might prove useful, nor much mention of other information in the article.

Mark awarded = 2 out of 6

Example candidate response

| (0) | No. There was no evidence shown on the vate of inflation of sa in each | | | | | | | | | |
|-----|---|---|--|--|--|--|--|--|--|--|
| | country. An increase in inflation will lead to an increase in prices of goods | | | | | | | | | |
| | and services. Inflation will tend to increase the GDP of a country. A | | | | | | | | | |
| | country will high inflation such as Japan will show a faster growth rate | | | | | | | | | |
| | in GDP compared to a country with lower inflation rate such as indonesia | | | | | | | | | |
| | There was also no evidence shown on the balance of payment of each | | | | | | | | | |
| | country. Some countries rely on expons for economic growth while some | | | | | | | | | |
| | very on domestic demand. The balance of payment of a country will | - | | | | | | | | |
| | snow the veriability of exports in order to allow economic growth. | | | | | | | | | |
| | There was also insufficient evident to show on the exchange rate. | Г | | | | | | | | |
| | GDP is concurated in the currency of its own country. The value of | | | | | | | | | |
| | exchange rate fluctuates from day to day. Therefore, the value of the | | | | | | | | | |
| | GDP of each currency in a currency may be inaccurate. | | | | | | | | | |

Examiner comment

This candidate wrote about the level of inflation and the balance of payments. Although these two indicators might be used to consider whether there was an improvement in the economic situation of a country they were not relevant to the article given in the question which did not contain any statistics for these indicators.

Mark awarded = 1 out of 6

Question 1(d)

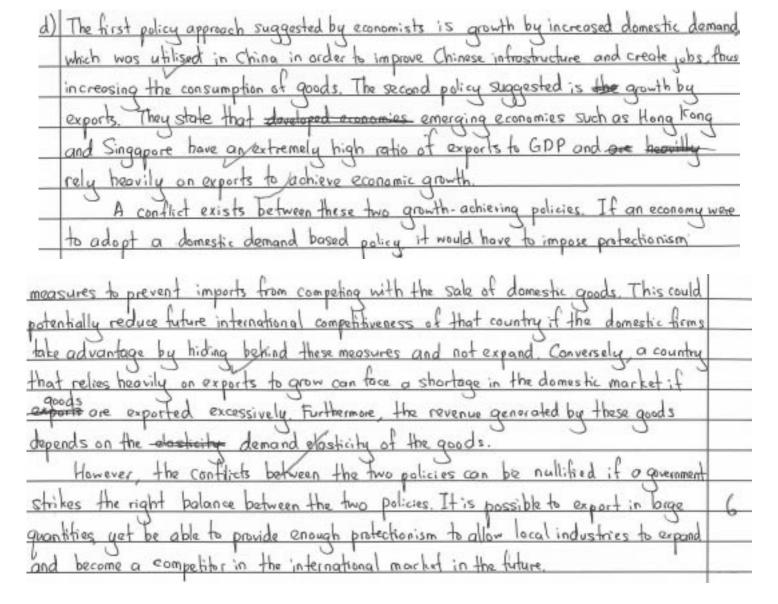
Identify the two policy approaches suggested by economists in the article and discuss whether there is a conflict between them. [8]

Mark scheme

An increase in domestic demand to encourage growth and export-led growth. 2 marks
Conflict? Different approaches but same aim of growth 2 marks
increase exports improves balance of payments and increases injections and GDP; increase
domestic demand will also increase injections and help increase GDP. No conflict. 2 marks
Increase domestic demand may increase incomes and increase imports which may need to
be offset by further export growth. A possible conflict. 2 marks

[8]

[A general description of fiscal and monetary policy; 2 maximum]



This candidate identified the two policies mentioned in the article as the need to support an increase in domestic demand or the need to support export-led growth. The answer was then directed to the second part of the question which asked whether there was a conflict between the two aims. Although there was a statement in the last paragraph which refers to a way to lessen any conflict, the answer could have been improved by further comment on the possible similarities between the two policies.

Mark awarded = 6 out of 8

Example candidate response

| 1 | // expansio nany |
|---|--|
|) | Two policy are fiscal policy and monetary policy . If contractionary fisca |
| | policy is used . tax will be reduced but increase in government spending. |
| | while contractionary monetary policy is lower down interest rate and |
| | incuence in money supply. If countries were to doncentrate on |
| | domentiz demand inther than exports, then expansionary |
| | finear power will help to increase domentiz dephand because |
| I | a lower tax means people will have more diaposable income to spend, |
| T | thun aggregate demand will be higher while countries to concentrate |
| T | move on trading links, can be inevended by expansionary monetary |
| 1 | policy, because lower interest bute people will tend to spend move |
| | thus thus appreciate demand higher. An increase in money supply |
| | will lend to a drop in exchange inte of amency, export |
| | will increase. No confirst between them, nince in reduce in tax |
| - | and tolerent mee will help both achieve domentic demand and |
| + | rading links. |
| | 24 |
| Г | |

Examiner comment

This candidate's main emphasis was to say that the two policies were fiscal and monetary policy rather than that which is in the article which are a decision to concentrate on domestic demand or on export-led growth. However, the answer did try to relate fiscal and monetary policy to domestic demand and export-led growth so there was some relevant material in the answer.

Mark awarded = 3 out of 8

| d) TV | ne bolich abbroacher endderteg ph economists are expansionary monetary |
|-------|---|
| P | olicy and contractionary monetary policy. During recession, expansionary |
| ٧ | nonetary policy +0 will cause a decrease in interest rates. This will cause aux |
| -11 | nevease in investment, economic activity will increase, unemployment will |
| -d | ecrease which lead to an increase in price where inflation occur. |
| d | ecrease in cost of borrowing which allow income of consumers to increase. |
| ٧ | when income increases, aggregate demand will increase leading to an |
| i | nevente in price. This will cause inflation. During inflation, contractionary |
| Y | monetary pulicy will increase interest rodes. An increase in interest rates |
| , | will cause an increase in cost of borrowing which allow income of |
| - 3 | consumers to fall. This will cause aggregate demand to fall leading a |
| | decrease in price. When prices of goods and services decrease, economic |
| | activity will fall which leads to unemployment. In expansionary monetary |
| | policy, unemployment is cured, however it leads to inflation. In |
| | contractionary monetary policy, wa inflation is cured, nowever it leads to |
| 9 | unemployment. Therefore, there is a conflict between the two policies, |
| | 11 175 10 10 10 10 |

Examiner comment

This candidate wrote about contractionary and expansionary monetary policy. The answer bore little relation to the information in the article which considered the wisdom of supporting an increase in domestic demand against an increase in export-led growth.

Mark awarded = 1 out of 8

Question 2

The use of cars causes market failure. To achieve an efficient use of resources it would be better if governments intervened to affect both the production and the use of cars.

Explain the meaning of the terms 'market failure' and 'the efficient use of resources' and analyse whether economic theory can be used to support this argument. [25]

Mark scheme

Candidates need to explain the two terms, market failure and the meaning of the efficient use of resources, and then consider the argument. Market failure can be explained by reference to possible excessive profits, the need for very large investments, the existence of externalities and of merit goods, and of the need for public goods. Economic efficiency should be explained in terms of productive and allocative efficiency.

Government intervention can be through regulation, taxation or subsidies.

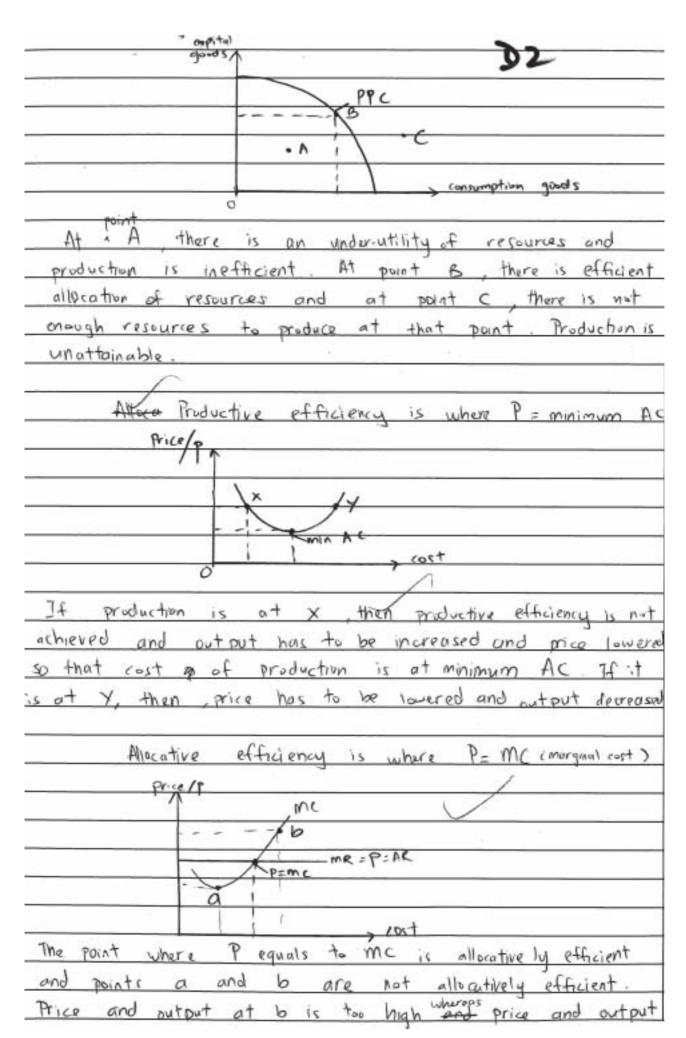
There are negative and positive externalities from car use. Negative externalities include pollution. Positive externalities include less crowded public transport with greater comfort; benefits from the expenditure of the tax receipts. Unlike other positive externalities where subsidies have been used, it has never been suggested that subsidies ought to be used to increase the positive externalities from private car use. Any subsidies given are used to make alternative public transport more attractive. However, taxes have been used to decrease negative externalities. Taxing the use of cars is usually presented in the context of negative externalities to achieve allocative efficiency. Taxing production might not result in productive efficiency.

- L4 For a thorough explanation of both efficiency and market failure and a competent discussion of the role of the government in promoting efficiency overcoming market failure. A reasoned conclusion should be presented [18–25]
- L3 For a competent explanation with either a more limited comment on both efficiency and market failure (perhaps concentrating on productive efficiency) or a full explanation of one but little comment on the other. The role of the government will be discussed in a more limited way but a conclusion should still be presented.

 [14–17]

 (L3 maximum if there is no mention of production and use of cars)
- L2 For an undeveloped explanation of efficiency/market failure with very little discussion of the role of the government. Mention of the government will be descriptive rather than in the form of a discussion related to efficiency/market failure. It is likely there will be no conclusion. [10–13]
- L1 For an answer which shows some knowledge but does not indicate that the question has been fully grasped, or where the answer contains irrelevancies and errors of theory. [1–9]

| 2 | Cars are modern means of transport and it is |
|------|--|
| | inevitable that everyone relies on it to travel from one |
| | Place to another. However production and usage of cors |
| | may not be beneficial to the whole economy as it |
| | rauses pollution and depletion of natural resources. There will |
| | be market failure and inefficient allocation of resources. |
| | Market failure refers to an inefficient allocation of |
| | resources where there exists negative externalities, under- |
| | provision of ment goods, non provision of public goods and even imperfect markets. Negative externations include |
| | air pollution and traffic jam . Under provision of merit |
| | goods exist due to book of information while public goods |
| | are not provided because of free older problem. Free rider |
| | problem means a situation where Asiady everybody is waiting |
| | for somebody to produce a public good for the benefit of |
| | the whole economy. Imperfect markets are markets which |
| - 2 | do not produce at allocative and productive efficient points |
| | Efficient allocation of resources include allocative |
| _ | efficiency and productive efficiency. Allocative efficiency |
| _ | occurs when price equals marginal cost which means per |
| _ | there is production of goods and services according to |
| - | demand and supply of the eron-my: Productive efficiency |
| | occurs when price equals to minimum average cost where |
| | pro production takes place at its lowest cost. In other |
| -115 | words, efficient allocation of resources refers to an economy |
| | Producing at its production possibility cure curve (PPC) |
| | and the three economic problems of for whom to produce, |
| | how to produce and what to produce have been solve. |



at a is too low according to principle of Pareto optimulity States that worse off For example enjoy more goods . All will be worse off than government intervention may ochieve y allocation resources production and government intervention etc. include regulation er taxes intervenes so that pollution coused to is reduced I mathods tax · For example Malaysian government prizogni road trave have road taxes and the amount increased use of discourage frequent tolls the use of trains and other can be reduced. pollytion and noise neaptive externality SS after tax 022 ad taxes exist, the diagram above when roud using cars have increased. car will decrease 20 cost of on the road will decrease Quantitu cors cost using airs increase and government However (055 shown. 213 in 1022 potentia) loss are

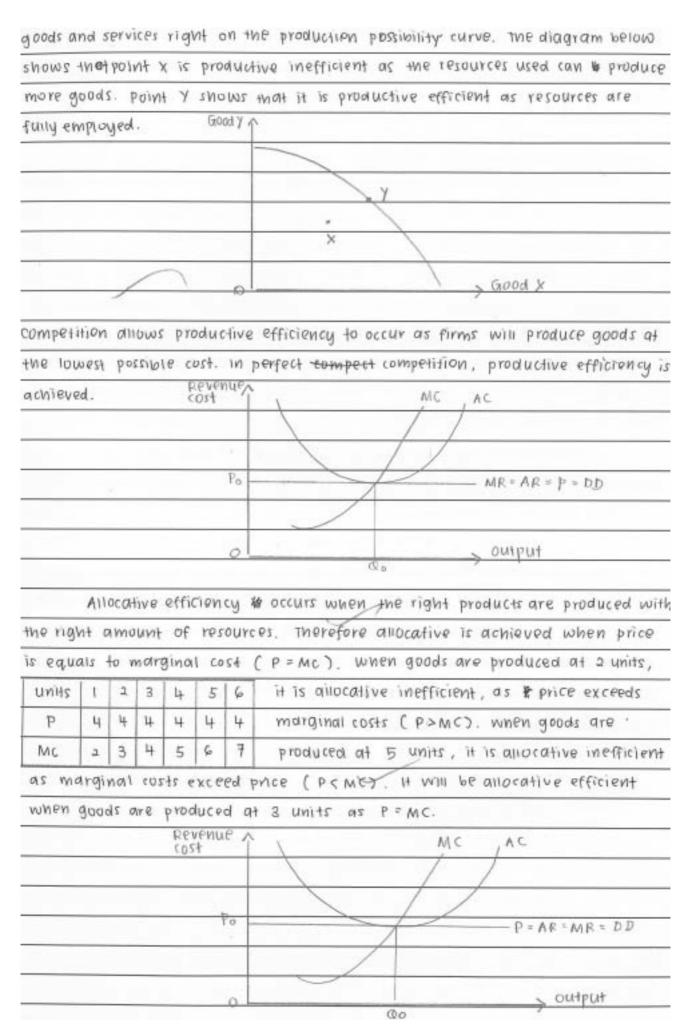
The opvernment should also intervene so that there is exploitation of natural resources in production of cars. mons that would ensure that the current and generations are able to consume enough me sets regulations in production of ears firms which obtain approval and licences government are able to produce cors. For example, of malaysia only issue licences to the government Proton to for production of cars. However this will couse imperfect market structure where only two large firms are involved M production of cars Otigopoly market will exist and dispoly market will consumer welfare may be compromised due to high prices and law output of a ducpoly firm. Thrownings of the invisible hand - price mechanism will also be affected. Besides , the government intervenes so that quality cors produced high and consumers are not exploited ore because consumers usually lock complete when buying cars so the government monitors the production cars by carrying spot checks in car factories. The government also made it compulsory for car manufacturers to do multiple test runs before launching the product so that money spent on buying cars are worth it. Malaysian government sends officers to do so that spot chacks in car many factories there Production of cars are smooth and used in production. However may be loopholes and transparency problem some enforcement efficers do not carry out the duty Properly conclusion, government intervention is roduce market failure. However allocation of there will resources that

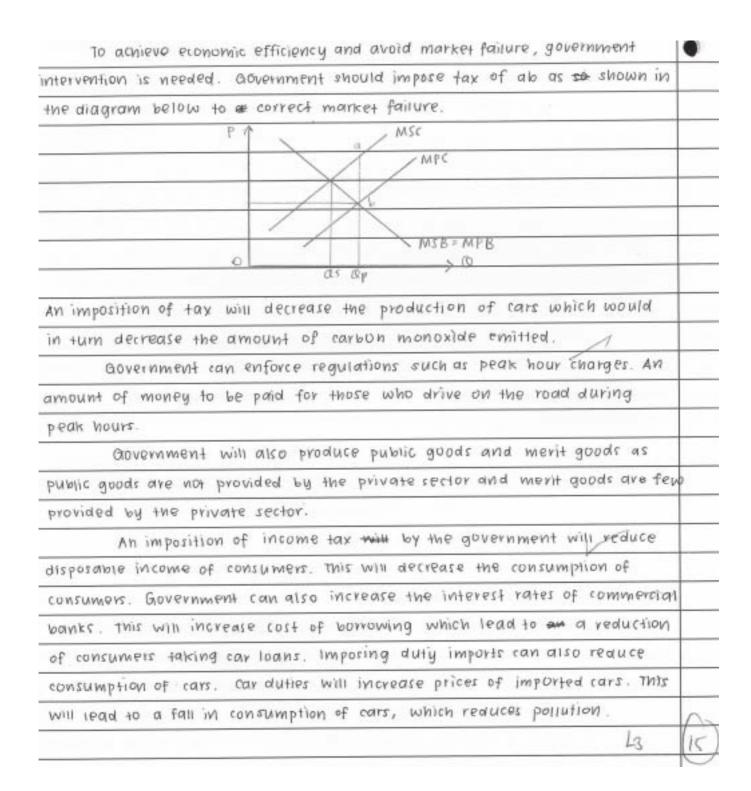
| and | an_ | econo | my | free | of | market | fail | ure. | The | anal | 2.12 | Examinari use ordy |
|-----|-----|-------|-----|------|------|--------|------|------|-----|------|--------|-----------------------|
| | | | - 4 | | | | | | | | emment | 60 |
| | | | | | more | | | | | | | _ |
| 10 | | | / | - | | | | | | | | + |
| | | | | | | | | | | + | 12 | 100 |
| | | | | - | | | | | | | 4 | 20 |

This candidate gave a good answer which referred to both the analytical theory of market failure and to the application required in the question relating to cars. A reasoned conclusion was presented. The answer fell within the band 18–20 in the general comments at the start of the mark scheme.

Mark awarded = 20 out of 25

| 2. | Market is considered to be fail when there is non-provision of public |
|-----------|---|
| | goods, under-provision of merit goods and over-provision of demevit goods, |
| | Externalities are east the cost of or benefit incurred by a third party of |
| | a production or consumption of a good or service. There are two types of |
| | externalities namely positive externalities and negative externalities. |
| | The use of cars are known as negative externalities. Negative |
| | externalities occur when marginal social costs (MSC) exceeds marginal |
| | private costs (MPC). As the good is produced more than the socially |
| | optimum level, it is said to be overproduced and this cauces a low price |
| 7 | the good. The use of cars are said to be negative externalities as a cars |
| 1 | em emits carbon monoxide into the air , which causes air pollution. |
| T | the third party will incur the external cost. Marginal social costs can |
| \exists | be found by adding margical private cost with ma external costs. |
| | P 1 Msc |
| \forall | MPC |
| 7 | P _s |
| 1 | P _p |
| \forall | |
| | MSB = MTB |
| | Q< Qp >Q |
| \forall | Economic efficiency can be achieved when there is productive |
| 1 | efficiency and allocative effects efficiency. Productive efficiency occurs when |
| \forall | goods and services are produced at the least possible cost. |
| 1 | AC 7 |
| 7 | / ASI |
| \forall | V // |
| 1 | |
| + | × |
| + | |
| + | |
| + | Productive efficiency can be achieved by producing goods and services on the |
| | lowest possible cost which is AC. secondly, it should produce on the |
| | lowest point of the lowest average cost curve. This is known as technica |





This candidate had a reasoned account of market failure in terms of public goods, merit goods and externalities. There was also an explanation of productive and allocative efficiency. The weakness of this answer was that there was little on the role of government intervention and even less on the application to cars. Both government intervention and an application to cars were required by the question.

Mark awarded = 15 out of 25

Question 3

- (a) Discuss whether demand schedules and budget line diagrams are similar in the way they represent the effect of
 - (i) a rise in the price of a good
 - (ii) a rise in a consumer's income.

[12]

(b) Analyse what is meant by the equi-marginal principle of consumer demand and whether it can be linked to the derivation of a market demand curve. [13]

Mark scheme

(a) A rise in the price of a good: a demand schedule has price and quantity of one good bought against price; budget line diagrams have quantities of two goods – price is not on the axis; one cannot tell how demand will change with budget line unless you also show preference lines.

A rise in a consumer's income: similarity, both move parallel out for a rise in income; but cannot tell what will be bought unless have supply line – with demand – or preference lines with budget line.

[12]

L4 For a sound discussion indicating the similarities/differences

[9-12]

L3 For an accurate explanation but with a less clear comparison

[7-8]

L2 For a general undeveloped explanation with little comparison.

[5-6]

- L1 For an answer which has some basic correct facts but includes irrelevancies and errors of theory [1–4]
- (b) Analysis of equi-marginal principle which underlies an individual demand curve. The sum of individual demand curves form the market demand curve. Whether individual utilities can be added is debatable. [13]
 - L4 For a reasoned discussion linked to more than one good and clearly structured answer with a conclusion [9–13]

[Low L4 maximum if there is no mention of market demand]

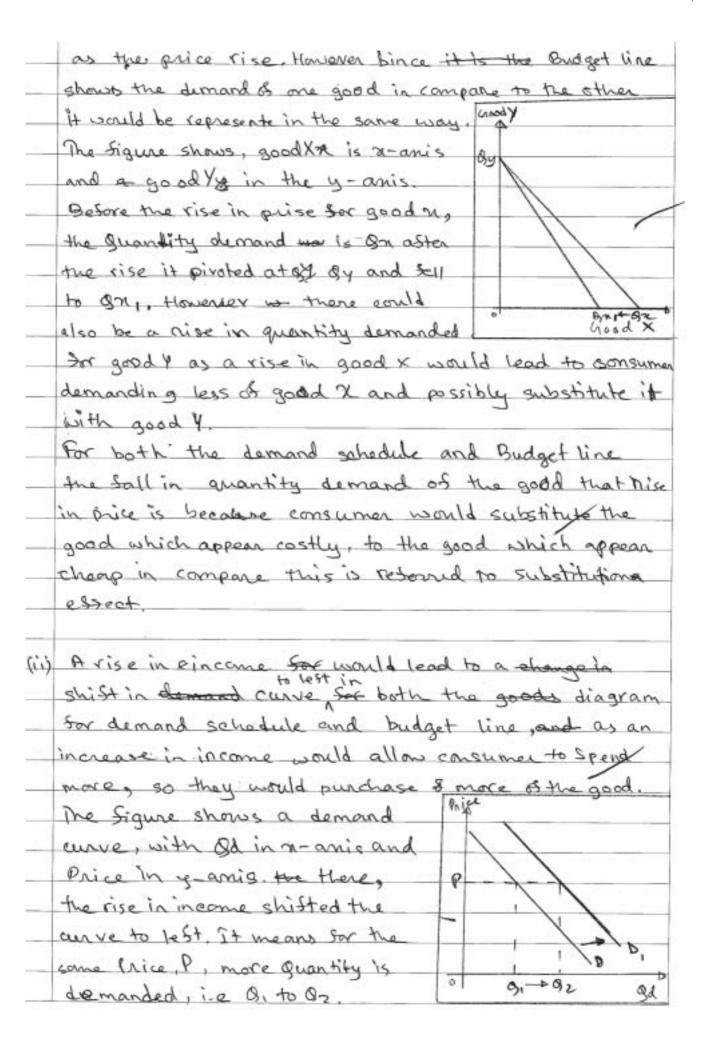
L3 For a fair discussion but undeveloped answer but still with a conclusion

[7-8]

- L2 For a limited attempt which does not clearly determine the equilibrium position for more than one good and no conclusion. [5–6]
- L1 For an answer which has some basic correct facts but includes irrelevancies. Errors of theory or omissions of analysis will be substantial.

 [1-4]

| 3a | 1 | | | | | | | | | |
|-----|--|--|--|--|--|--|--|--|--|--|
| in | Demanded schedule is the graphical representation of | | | | | | | | | |
| | changes in quantities that consumers would demand or would | | | | | | | | | |
| 2 | want to punchase and at different prices at a contain | | | | | | | | | |
| | period of time. It is valed used for my only good to | | | | | | | | | |
| | represent the demand for only one good. | | | | | | | | | |
| | | | | | | | | | | |
| | Budget line is the graphical representation of withe | | | | | | | | | |
| | combinations of go two goods that consumer with com | | | | | | | | | |
| | purchase with their Sixed in come. It As consumer wants | | | | | | | | | |
| | are restricted to be sull filled by the income they earn | | | | | | | | | |
| | and the price of product, it is important to produce | | | | | | | | | |
| | a budget line as in to show how two goods, will be | | | | | | | | | |
| | in what combination, will be punchased. | | | | | | | | | |
| | | | | | | | | | | |
| (1) | (i): A rise in price of product in case of demand | | | | | | | | | |
| | Schedule lead to change in quantity along | | | | | | | | | |
| | the curve As the price rises consumers would demand | | | | | | | | | |
| | the good less as than before. | | | | | | | | | |
| | As in Sigure on the right, show price | | | | | | | | | |
| | the demand schedule from for | | | | | | | | | |
| | a good, with quantity demanded p- | | | | | | | | | |
| | in the m-ancis and price in | | | | | | | | | |
| | the yearis. It is shown that | | | | | | | | | |
| | a hise in Price from P to P, | | | | | | | | | |
| | will lead to a Sall g. to g * | | | | | | | | | |
| | | | | | | | | | | |
| | South the same of the same of | | | | | | | | | |
| | This will be also the same case for Budget line as | | | | | | | | | |



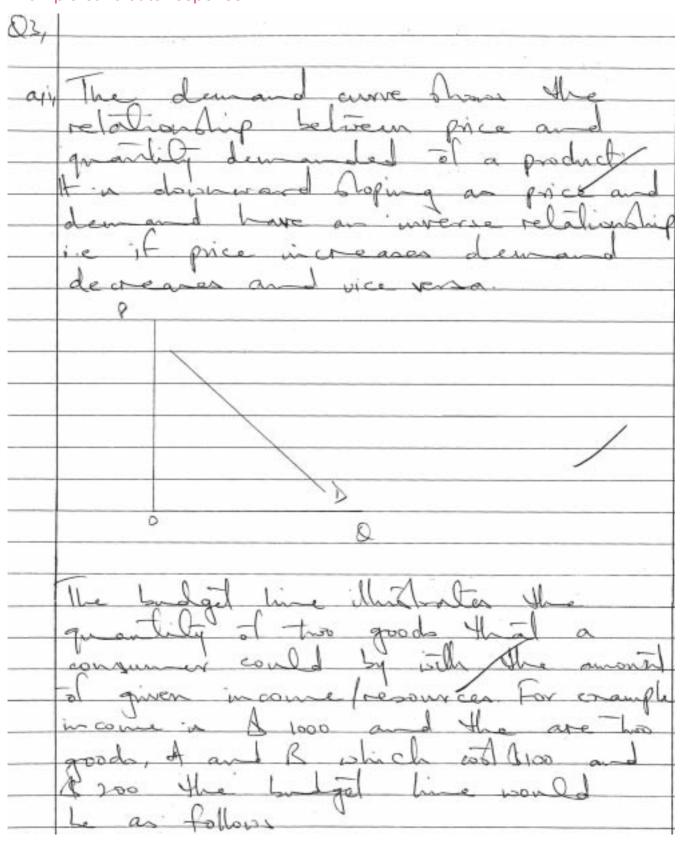
| | or is A is to a Redard line the curve |
|----|---|
| | Similarly in the case of Budget line the curve |
| - | shifts to left meaning that |
| | but can both the Good can be gy |
| | quachased more than before |
| | without sacrisicing the other as |
| | there is an increase in Income. |
| | In the dia figure is budget |
| | line it is shown by an increase ax show head |
| | In gd of the good, ie. By to By, and |
| | On to Ox, it rase. |
| | This reserves to the income effect for boths the |
| | diagram, as an increase in income leads to Increased |
| | 1. assolds in some Son the consumers. |
| | disposable in come Sor the consumer. |
| | a harings of artisfactory when there |
| 35 | Consumors derives a happiness or satisfactory when they |
| | consume a por good, it is treferenced to the |
| | Utility of a goo consuming a good Marginal |
| | Utility is the satisfaction derived from the |
| | consumption of extra one whit of the good. |
| | However, this Hit Marginal Utility tends to Salt |
| | as consumer consumption increases. Missis |
| | known as diminishing marginal utility. As cons |
| | - umers are earn sixed income, they would want |
| | to utilitie the income in a way that will |
| | maximise the Utility derived from all the |
| | goods consumed with that incongincone. |
| | They It is the equimarginal principle of cons |
| | -uner demand, as they and is represented as, |
| | Aug Mus Mus |
| | MUA = MUB = MUN PA PB PC PN |
| - | The state of the price and |
| | My is the Marginal Utility, P is the Price and |
| | A.B. C N is are the different goods purichase |

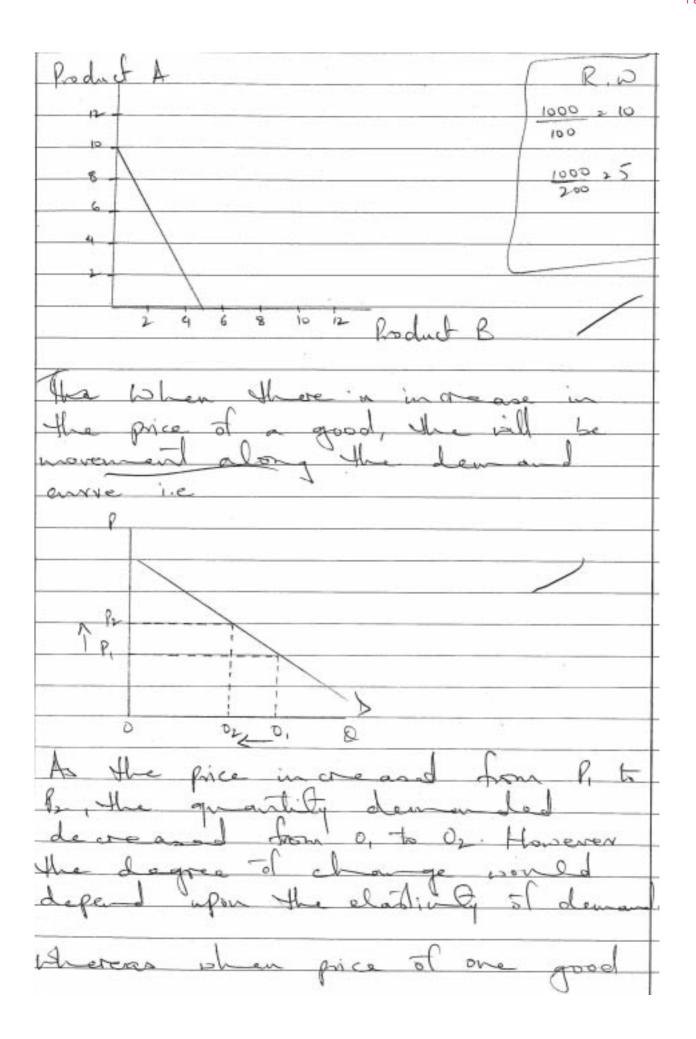
the fined incare. It his showsthat the the Utility derived from an entra unit of good compare to its evice, is equa goods that the consumer punchases with This principle can be used to derive the the Rrico as to aincrease for seen in rice lead However, consumer and subs MUCManginal white Utility) principal is , of consumer demand can be used curve, by analy analysing demand

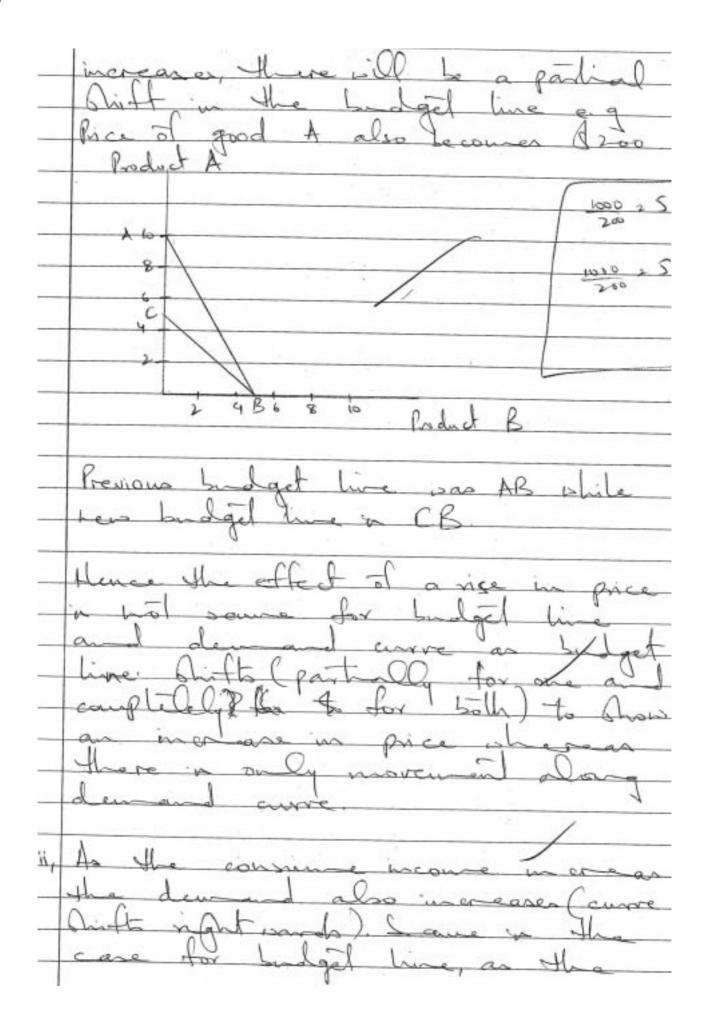
Examiner comment

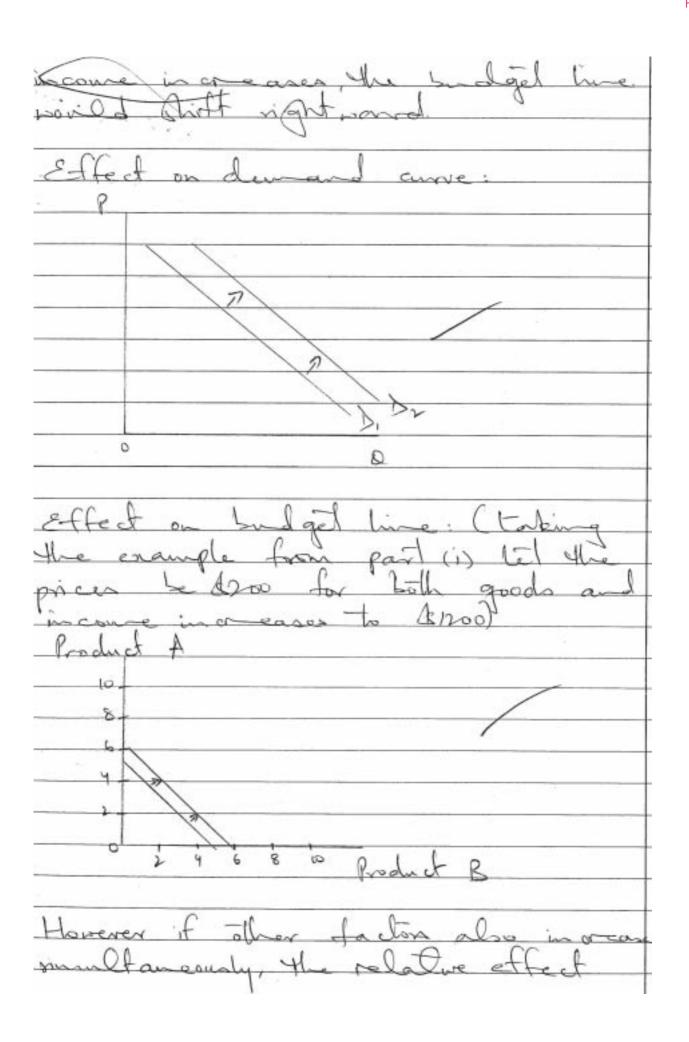
In section a) this candidate gave a clear explanation of both a demand line and a budget line. Changes in price were demonstrated correctly on both types of curve with a clear comparison. Income changes were correctly shown as indicating a similar movement on both types of curve. In section b) the candidate explained the meaning of the equi-marginal principle and discussed its link to a consumer's demand. The answer could have been improved if the last part of the question which asked about a market demand curve had been more clearly discussed. Mention was made of a market demand curve but the explanation surrounding this was really related to an individual consumer's demand curve.

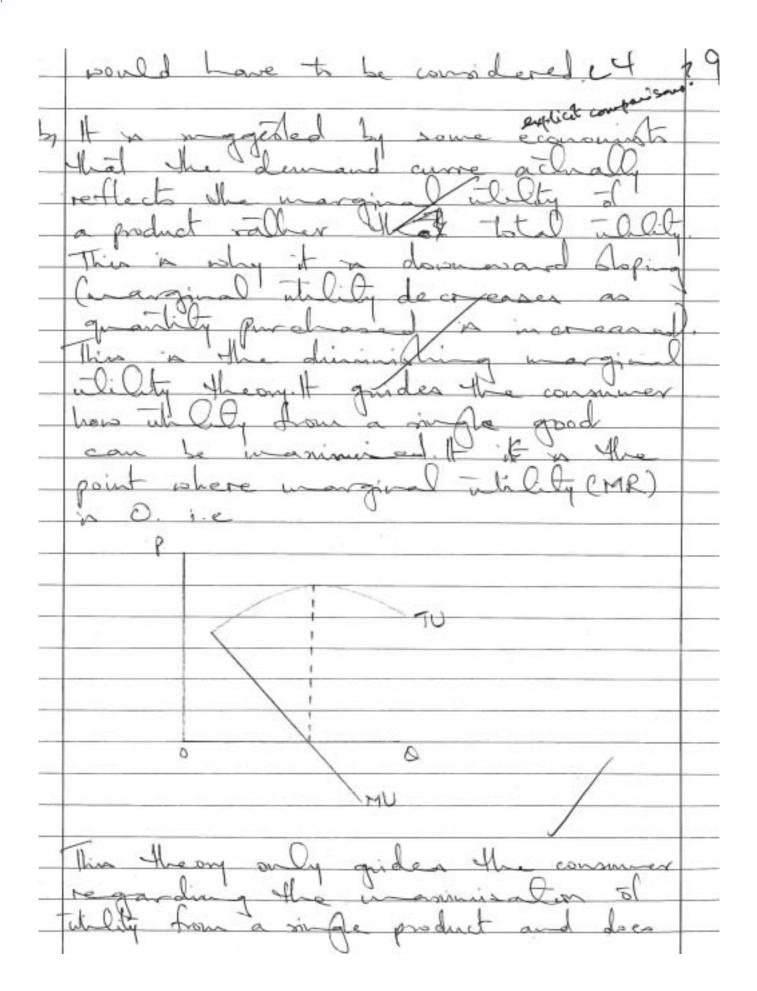
Mark awarded = 22 out of 25

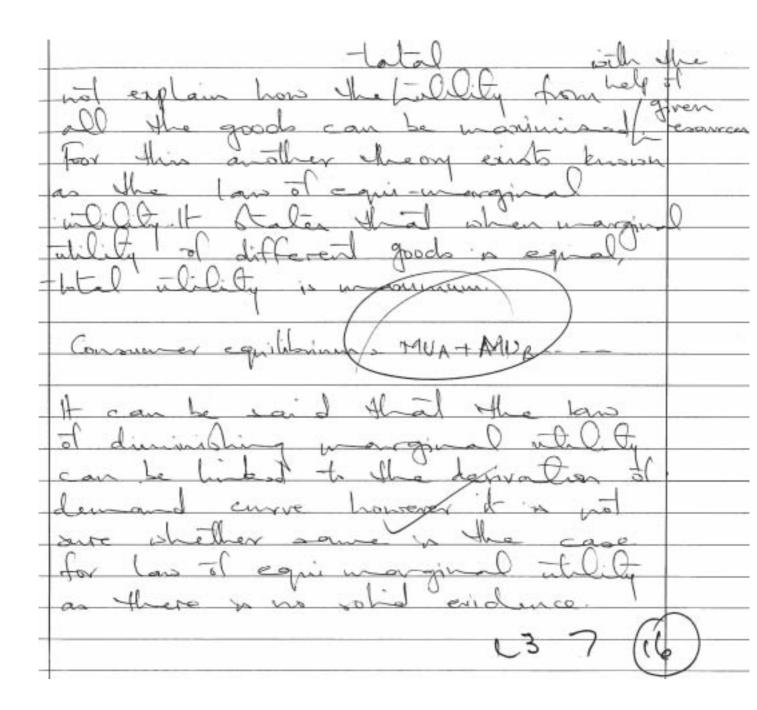












This candidate gave a clear explanation of the meaning of a demand curve and a budget line in section a). For a price change the shift along a demand line and a pivot about a point on one axis for the budget line were indicated. Income changes were shown as a parallel shift in both the demand and budget lines. This section of the answer could have been improved if there had been more of an explicit comparison between the demand curve changes and the budget line changes. The reader was left to conclude which were similar and which were different. Section b) was a weaker section and although marginal utility was discussed the answer did not really explain the principle of equi-marginal utility and its link to a demand curve.

Mark awarded = 16 out of 25

| (b) The domand curve and agaregate demand cure are |
|---|
| 6) The demand curve and aggregate demand cure are fotally different; which demand curve 13 lased on |
| individual demand but aggregate demand oure is |
| aggregation. Demand in the ingulat means at the abilities |
| of consumers to buy goods but aggregate demand. |
| miens the total of output in demand. |
| The equi-marginal principle of consumer demand means |
| He cavillation of the motif of consumer demand which |
| the equilibrium of the profit of consumer demand, which can be linked to the derivation of a market demand, |
| contl. Hat The menter demand curre in anothe nords |
| 7 is aggregate demand curve It, and the aggregate |
| i demand curve is moving downward. There |
| Lement curve more downland equally. |
| demend conve more downward equally. |
| First, the income distribution 13 one of the |
| affect of many carbe demand Consumers usually |
| compare with the price level to secondly, 13 the rual balance effect. Third is loverign trading extent, and lastly insestment effect. |
| compare with the price level. Es secondly, |
| 13 the real balance effect. Third 13 torrigh trading. |
| extent, and lastly insestment effect. |
| 3 6 |
| Øn (1) |
| |

This candidate gave a descriptive answer which did not contain any diagrams. In section a) the description of the change in the demand line with respect to a price change was reasonable but there was no real explanation of the change in a budget line due to a price change of a good. The changes caused by an increase in income were not explained. In section b) although there was a reference to the fact that the market demand was an aggregate, there was no explanation of the equi-marginal utility principle of consumer demand.

Mark awarded = 7 out of 25

Question 4

- (a) Discuss whether it is always advantageous for a firm to grow in size. [12]
- (b) Explain the economic theory of profit maximisation for a firm and consider whether firms are likely to follow this theory in fixing their price and output. [13]

Mark scheme

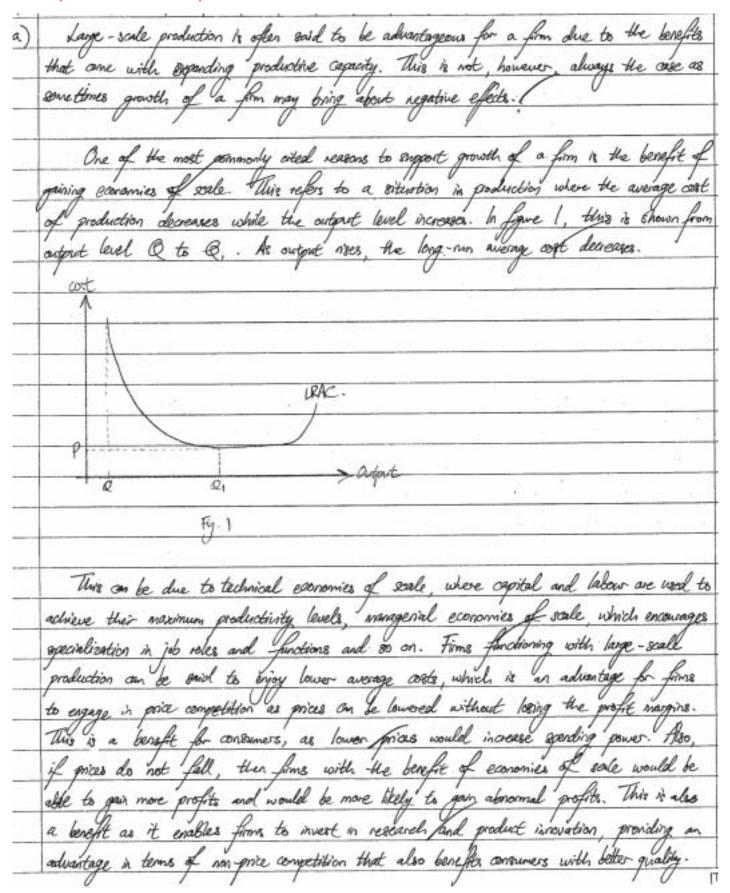
- (a) Discussion of possible reasons for growth including large market demand, economies of scale, possible future profits, with a contrasting comment on reasons why it might not be advantageous to grow in size; diseconomies of scale, small market demand, specialised products/services. Allow a wider interpretation which discusses effects on consumers and in the economy.
 - L4 For a sound discussion with contrasting explanations.

[9-12]

- L3 For an accurate explanation but with an emphasis on one side possibly of economies of scale only.
 [7–8]
- L2) For a general undeveloped explanation.

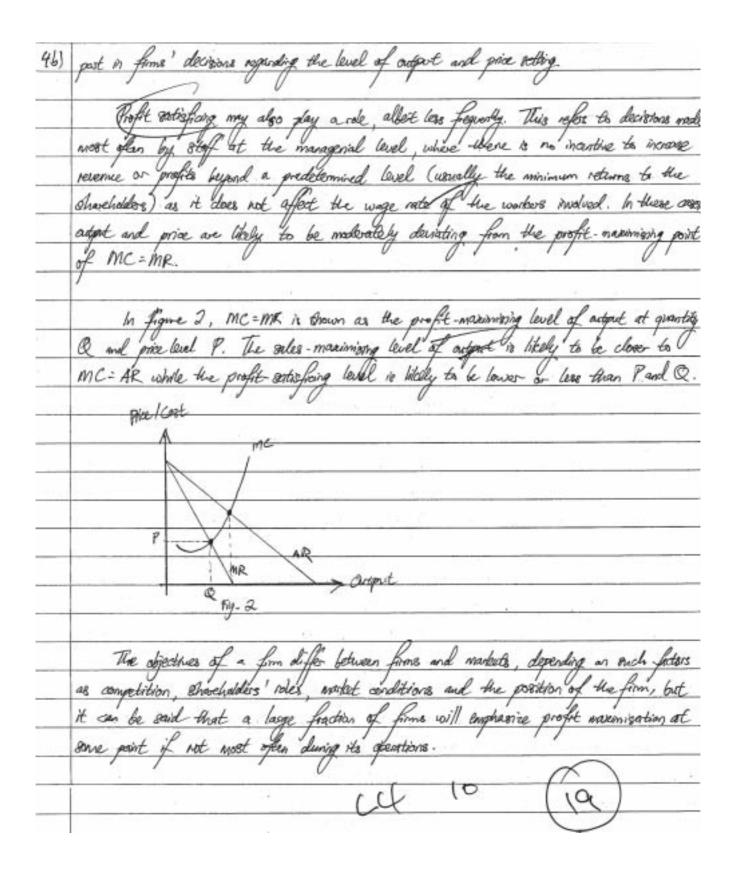
15-61

- L1 For an answer which has some basic correct facts but includes irrelevancies and errors of theory [1–4]
- (b) Explanation of the theory of profit maximisation. Candidates should then consider not only whether it is possible to calculate marginal revenue and marginal cost to achieve profit maximisation but also whether the firm might have alternative aims. Sales maximisation, behavioural, managerial, satisficing, market share aims might be mentioned. [13]
 - L4 For a reasoned discussion and clearly structured answer with a conclusion [9–13]
 - L3 For a fair discussion but undeveloped answer mentioning either only one part of the question or both parts but only limited mention of alternative aims, but still with a conclusion [7–8]
 - L2 For a limited but acceptable attempt to consider the question with very limited development of either part and no conclusion. [5–6]
 - L1 For an answer which has some basic correct facts but includes irrelevancies. Errors of theory or omissions of analysis will be substantial. [1–4]



| Land to the state of the state |
|---|
| Economies of scale an generally be seen as an improvement in terms of efficiency as firms' and |
| are minimized and the use of resources is maximized. In these ways, large-scale production may be advantageous and firms' growth would be positive for the market. |
| may be advantageous and firms' growth would be positive for the market. |
| |
| However, this is not always the case as outgoit knels above Q, in figure I show |
| direction best of scale as firms find it increasingly difficult to manage production beyond a cartain level. This decreases efficiency and results in wastage of resources. |
| contain level. This decreases efficiency and results in workage of resources. |
| |
| Also, firms may become monopolies if growth is allowed to continue without explicient |
| competition. Monopoly situations can result in consumer exploitation as the lack of adetitutes |
| can cause firms to have total market central and raise prices excessively, Monopolies are |
| also litely to be inefficient as the lack of competition sources the incentive to minimize |
| costs in order to maximize profits. Mosopoly extentions can result in a lack of choices for |
| consumers and this would be seen as indestrable, especially if consumers lose sovereporty |
| altogether in the market. |
| |
| Exceptions may occur in the case of natural monopolies, where high out costs and |
| couly technology or infrastructure may encourage or fam's growth to cater for the move |
| coully technology or infrastructure may encourage or firm's growth to cater for the more of the market. This is because it may be better for the allocation of source resources |
| of the martet. This is becomed it may be better for the allocation of source resources if infrastructure and apital are not displicated by having many small firms supply the same product. If a firm is |
| cane product. If a firm is |
| |
| In conclusion, there are advantages to a firm's expansion of productive copacity, but |
| In conclusion, there are advantages to a firm's expansion of productive copacity, but there may also be disadvantages. It is necessary to examine the market conditions in each contration and the relevant possible effects should be evaluated before determining how advantageous it would be for a firm to grow in size. |
| osteration and the relevant possible effects should be evaluated before determining how |
| advantageous it would be for a firm to grow in size. |
| |
| 0. |
| 149 |
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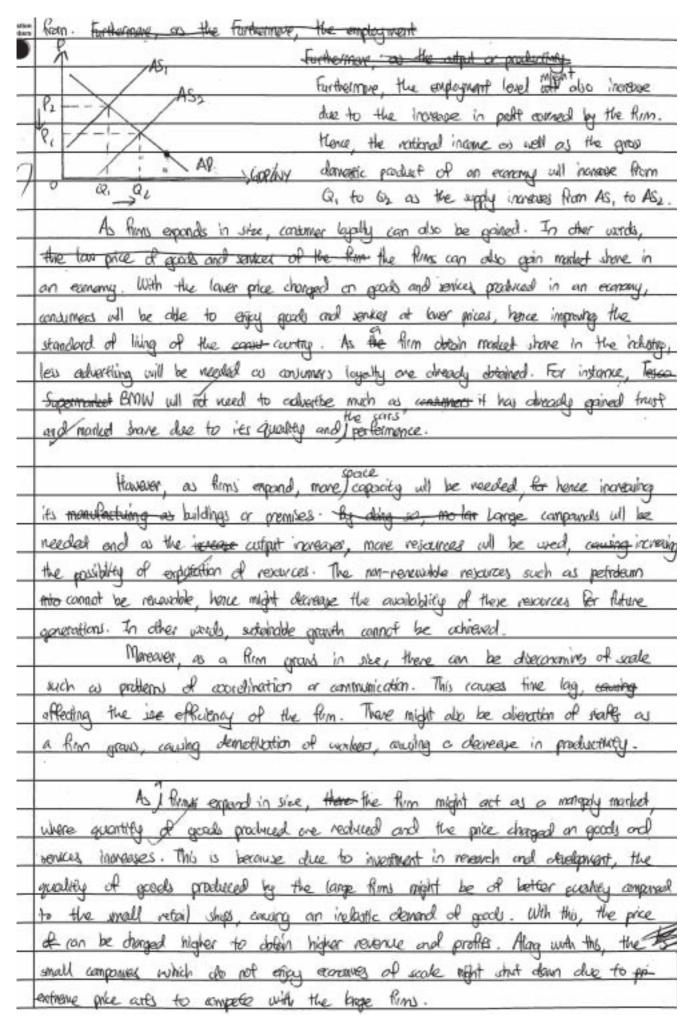
|) | Profit maximization refers to a firm's objective to maximise profits in the production of a |
|-----|--|
| | good or service, obtaining the highest possible profit mayon. This is often illustrated as |
| | being the most common goal for many private firms. The maximum profits for a firm |
| | are obtained at the point where MC = MR, or where firms' marginal cost is equal |
| | to the marginal sevenue generated by the extra unit produced. It this paint, firms |
| _ | are on the weige of making a loss with the next unit of production. |
| - | |
| - | Firms are said to ain for profit maximisation in order to gain more returns for the |
| 4 | entropreneur or sharehoblers. Also, in some firms it would be ideal to gain more profits |
| + | in the hopes of earning abnormal profits that an then be reinvested or used for research |
| | and development or innovation purposes. Unis would then increase a firm's ability to |
| - 1 | compete in a non-price manner and improve the quality of outgot on improve the |
| - | productivity of aprital and below through technological advances and training. |
| + | |
| + | Honever, not all from may engage in profit maximisation all of the time, depending |
| + | on the circumstances of the firm and its position in the market and industry. Particularly |
| -1 | for firms that have just intered a market, they may choose to maximize sales instead in |
| - | order to more family establish their position and control of market share. This results is |
| | firms settling for a profit margin below the maximum attainable profit level in favour of |
| | increasing their clientile or consumer base, possibly through setting lower prices. It is |
| - 1 | worth noting that firms will rarely go to the point of being walle to enotain variable |
| | costs in the short non, indicating that in the long-new profit maximisation may after all be the most commonly phround objective for a firm. In the case of a new |
| - 1 | |
| - 1 | entrant in a market or industry, the firm is less likely to concern itself with profit westinisation if it is a firm that is able to diverify and cross-outsidite its goods. |
| | This refer to a firm's ability to evertain losses for the production of a good or |
| | service due to its preestablished position and higher profit mayons for another good or |
| | ervice, again indicating that to some actions, profit maximization is likely to play a |
| | The state of the s |



This candidate gave a good response to section a) which contained an explanation of the advantages of growth through economies of scale, the disadvantages caused by diseconomies and the undesirability of some monopolies. Profit maximisation was discussed in section b) but there was also a discussion of alternative aims of a firm including non-price competition, maximisation of sales, increasing market share, cross-subsidisation, satisficing, all of which might need to be balanced against the desire to gain maximum returns for shareholders.

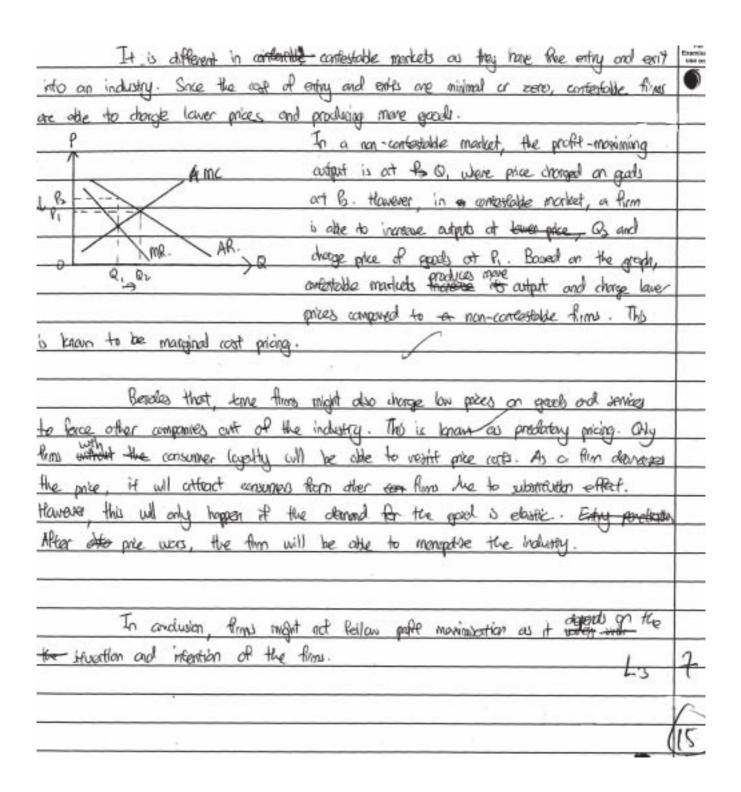
Mark awarded = 19 out of 25

| 4) a) Firms in an economy can expand through external integration and integration. |
|--|
| By internal integration, firms can expand into bey increasing the number of branches in an |
| according while external integration can be divided into levered integration or lanckward |
| integration. Forward integration is occurs when a firms expand into a different serbos of |
| industry which has takes place after its enisting vector while backward integration occurs |
| when a firm expand into a sector which before its initial sector in the inclustry. |
| For example, Williamseyen and BMW margood into a single company recently. |
| By expanding a firm a firm will be ofthe to about advantages as well as |
| disadventages. They must significant adventages of large company is economies of |
| scale. Economies of scale occurs in the long run where films will be able to practice |
| autputs at minimum cost. In other was, firms will be praductive efficient. |
| (P) Based on the diagram, as a firm expends in size, the |
| from will be able to graduce Q, quantities at P, |
| Which is the lowest print of the long run average |
| P come graph. When a firm experience economies of |
| scale various sectors such as financial will the agricult |
| have lower out to the company. For example, large |
| Pins such as Taxo Supermarket will be able to obtain looms or Prancial aid |
| easier as investors or will have high confidence towards the company as the role bearing |
| of the investors to will be lawer tampased to investing in small vetail so shop experimenters. |
| Advantising Specialisation can also take place when firms expensive evenancies of scale, hence |
| decreases costs such as time and thus, increase productivity of the flows. |
| Besides that, the first attack to graduling at as a first experi produces outsu |
| of its minimum cost, the profit margin of the Rim will increase as its revenue will |
| the Higher. The increase in profits extred by the firm can be used for research |
| be higher. The increase in profits extred by the firm can be used for research and developments as well as investments to lincrease the autor productively as well |
| as the quality of the goods and services produced. But along so, consumers |
| will also be able to have a vider range of goods and sometimes sorukes to shake |
| The state of the s |



| In conclusion, as a first there are disolventages and advertigates that an occur | Treat |
|---|-------|
| as a firm expands. However, it is able to articl the althought of discharge of | g G |
| abadhantages by government intervention such as maximum pre- and minimum prices as well | ч |
| as subsidiles to infant inclinational access an access to resources can also be impage | 2/ |
| to malistain autoinable growth in the owners economy. | |
| · · · · · · · · · · · · · · · · · · · | |
| | |
| 3 | 8 |

| 4 | * Profit maximization for a firm can be advised when the marginal cost aguals the marginal revenue come. This is because since marginal cost is the difference to |
|---|---|
| a | additional cost of producing an additional unit (A Total asit), it can be said that |
| 6 | the supply cause of a firm. Marginal version come is upon revenue cause is sold |
| | the additional revenue generated by an increase of a unit of soles of the firm |
| - | A Total pools). Have, it was be taken to be the demand come of the firm. Many A Quantity |
| ~ | werve conve is downwirds slightly as the invalide in piece all generale lawer demand by |
| | se to substitution effect others concurrent will switch to rebuildly changes outstirings. |
| | |
| | Hence, firms will populate according to profit maximisertion to obtain to Helv me |
| p | will revenue, However, it differs for the type of Monkel structure in an economy. |
| 7 | In perfect competition morbiet, the flows are price takers, hance the marginal navance i |
| | e perfectly elastic as the price one equal at sorrious outputs. Therefore, the average |
| | A you revenue, marginal revenue curves are the same as |
| | e programa Based on the graph, MC curts MR at point @ |
| | where firms produce at Q, at Q and set a price |
| | 20 8. |
| | ۵, |
| | In manapoly and manapolistic markets, firms will exchange higher price at la |
| 9 | wantey because of the industic demand of ansumers. Rue to product differentiation in |
| | P . Malapolitic models, the marginal revenue and outrige |
| | The me verbrue graph a damnerds Jophy while in managedy |
| | fire helpsex demand due to managination causes |
| | B - Je norgital prope awaye reverse graph to be dannon |
| | I'mp. In Juping. In this case, managethic firms and managethy fi |
| | of an war price settler. |
| | Bosed on the graph, the mc conse cuts the MR come at point e where the graphs |
| 1 | The same of the same of the course of the same of the |
| | moduced is Q, ext and price changed at B. However, due to inelistic demand and be |



This candidate gave a reasonable answer which could have been improved in section a) if there had been further development of economies of scale and/or of the reasons why it might be advantageous for small firms to exist in their own right, rather than concentrating on the lack of managerial control as a firm seeks to grown. An improvement could have been achieved in section b) if there had been further discussion on the alternative policies that a firm might use. Mention was made of contestable markets and predatory pricing but the answer could have been developed with a mention of sales maximisation, behavioural aims or satisficing.

Mark awarded = 15 out of 25

| a), | It may be advantageous, if a firm is comparing in superfectly competitive |
|-----|--|
| | marked where firm achieve abnormal profit, as a result of profit maximisation |
| | It may be advantegables, if a firm is competing in perfectly competitives |
| | market where profit maximisation, MC=MR occurs. |
| | Since in Perfectly competitive market, P=Mc, Herefore MCMR, SO |
| + | PEMR. price is equal to morginal revenue, means firms achieve short |
| | run abnormal profits. This abnormal profits can be direct to R & D, |
| | which may innovate the production proces resulting the firm to experience |
| | economies of scale, where which is reducing overage crost as size of |
| | firm grows |
| | P.I Mc |
| | 7 / Me |
| | |
| | > Profit maximisation MC=MR. |
| - | Home modernation |
| | D: AR=MR |
| | D |
| | |
| | It may be disadvantegeous, as firm achieve abnormal profits, competitors |
| _ | may enter the market, resulting the price to be for , therefore firm administ |
| | achieve abnormal profit in the long hun, but normal profit, then they may not |
| | be able to inest sufficient amount of fund to RBD, and may not experience |
| | economies of scale but possibley possibly diseconomies of scale, at firm grows |
| | in size, but they may not find innante a method to reduce agreenage cost - |
| | |

4

Leave D. Profit maximisation is a point where MC-MR as shown in the diagram blank D: AR: MR achieve abnormal profits In the short run, they achieve abnormal profits, which enter the protect, this shifts industry excupply airpor outwards resulting in price to fall the this continues until firms carning normal profits in the long num. If only normal profits are earned, then firms exit the morriset, so industry supply curve shifts bee inward, again in the long non, firms achieving normal profits only. Therefore is a result firms maximising profit earns normal profits in the long run ... Industry curve shown above D Firm Firms in oligopoly may collude to generate greater profits, fixing price at which abnormal profits are generated and give quotas to each firm. But this may be break upeasily, if one firm cheat to generate even production quotes and charging prives .

This candidate began the answer to part a) by explaining profit maximising in perfect competition and only briefly mentioned diseconomies of scale. Some of this information was repeated for section b). The diagram in section b) lacked the correct labels and although there was a brief mention of oligopoly there was no real explanation of the theory of profit maximisation and no discussion of alternative aims which a firm might follow.

Mark awarded = 8 out of 25

Question 5

In imperfect competition, labour markets can lead to worker exploitation in terms of the wage rates they receive compared with wage rates in perfect competition. Discuss this opinion. [25]

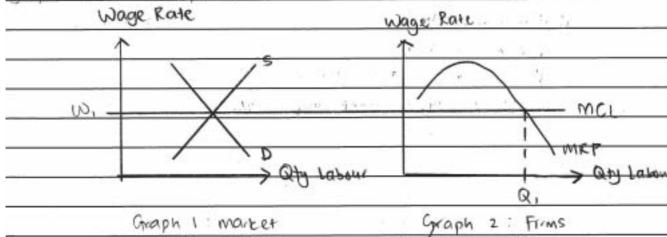
Mark scheme

Candidates should explain the economic theory of wage determination (marginal revenue product) and compare the situation in perfect and imperfect competition. The theory indicates that wages are lower in an imperfect labour market especially if there is monopsony. The extent of the reduction varies depending on whether the labour market is considered with a perfect or imperfect product market. However, the comparative reduction in wage rates may be corrected, at least in part, by the strength of unions or by government legislation. [25]

- L4 For a thorough explanation of the analysis of wage determination with a clear comparison of the two markets and a comment on trade unions and/or government policy. [18–25] (14–17 for demand and supply only with institutional factors and/or government policy)
- L3 For a competent explanation of the two markets but with a limited discussion and application. (10–13 for demand and supply) [14–17]
- L2 For a correct but undeveloped explanation with only brief application [10–13] (6–9 for demand and supply)
- L1 For an answer which contains inaccuracies and only a few correct points [1–9] (1–5 for demand and supply only)

Whether labour markets under imperfect competition lead to worker exploitation in terms of wage rates they receive compared to woges in perfect competition is highly subjective and dependent on an analysis of the presence of a monopsonist, trade unions and government intervention in an imperfect market.

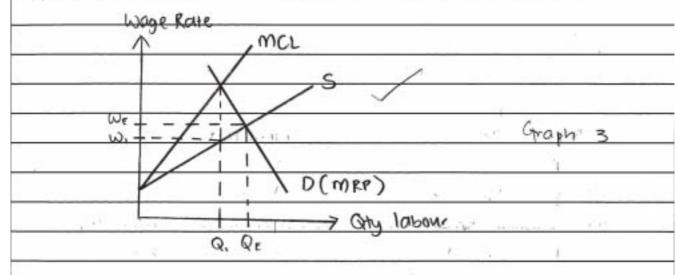
how wages are eletermined in the market. Here, the wages of workers are dependent on their Marginal Revenue Product (MRP). MRP, in essense, is the amount of additional revenue of firm would earn by employing an additional with of worker. Since firms under perfect competition are profit maximisers, firms will higher workers up to the point where MRP is equivalent to the marginal cost of lawful (MCL) as illustrated in the open below. [Graph 2]



Since under perfect competition buyers (firms) and sellers (workers) are price takers, the wage rate is set by the interaction of demand and supply in the market. The reason that the graph for the individual firm is represented is to distinguish between perfect and imperfect competition. It is assumed that under perfect competition, all warkers are homogenouse. Hence, the rost of hiring an additional unit of worker to the firm is constant. Mere is no exploitation of workers in terms of wage rate under perfect competition as a firm who offers as bagerate lower than the market rate would have no worker wanting to work for them given the unlimited buyers (other firms) who offer the market wage.

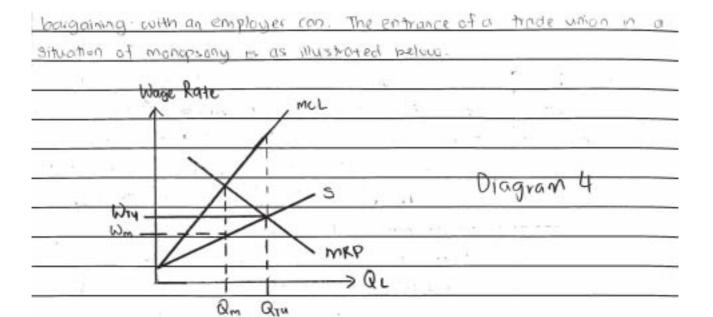
There are soveral reasons as to why there could be exploitation in terms of wage rate under imperfect competition. In the presence of a manapsonist, wages are often much lower than what they would have been under perfect competition. A moreops This is because a monopsonist has an upward sloping supply curve and even steeper marginal cost of labour curve. The reason for this is that a monopsonist would have to increase the current wage rate in order to attract more labour into the market.

To odd a definition, a monopsony exists when there is only a single buyer in the market. This is illustrated by the diagram below:



Being a profit maximiser, a monopsony would hire waters up to the point where MCL = MRP. As observed from the diagram above, workers are poid a much lower wage rate that wholer a monopsony, workers are indeed exploited and paid lower wages. The reason a monopsony is able to do so is because that since it is the sole buyer of labour in the market, workers have no choice but to accept the lower wage rate.

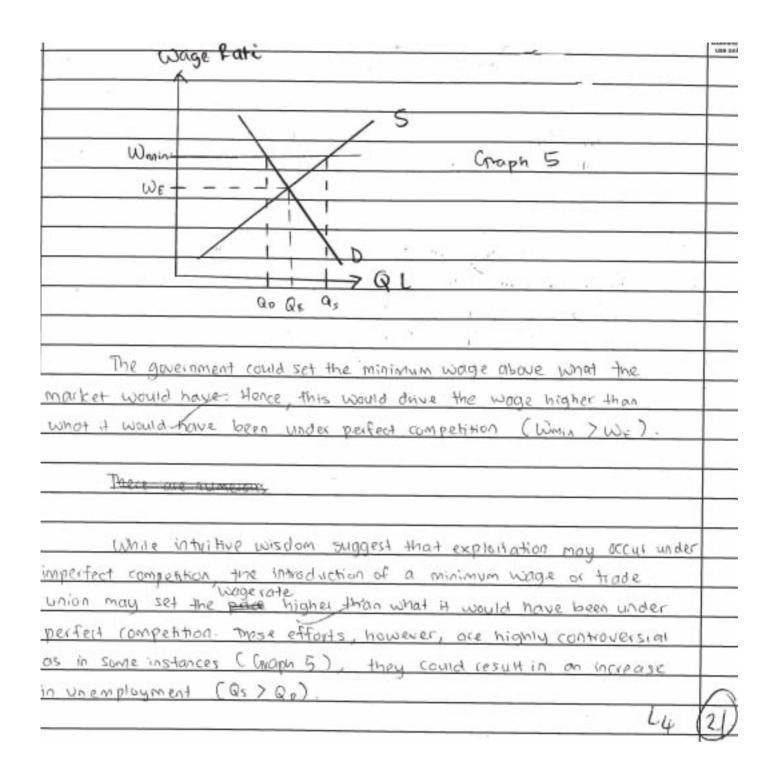
Conditions however, are not too dire when a trade union enters the picture. Trade unions (another key characteristic of imperfect labour markets) serve the purpose of collectively representing workers in apportioning wage rates with employers. This is because collective bargaining power exerts a significantly large amount of influence than the individual



Mere, the trade union has successfully negotiated a higher wage rate for warkers than the manapsonist had initially offered Hence, one min The wage rate the manapsonist offered (Wm) when has now increased to Wru. In this instance, the trade union had negotiated the a wage rate equivalent to the market equilibrium. However, a trade which with higher bargaining power would be able to demand an even higher wage rate. This would depend on factors like the union density and substitutability of labour. In essence though we might derive from here that it is possible for wage rates to be higher than the market equilibrium (and hence perfect competition) under circumstances of imperfect competition

Intermediately, we can conclude that a monopsony drives upages lower than what they would be under perfect competition. However with the presence of a trade union, wages could potentially be much higher.

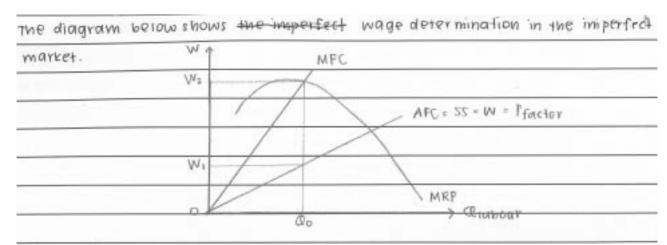
Competition. Imperfect competition, on the and other hand may evoke accomment legislature such as minimum wage requirements that could drive up wages. This is its assertable in the graph that follows



This candidate gave a very clear explanation of the determination of wages in perfect competition through the market demand and supply. This analysis was then contrasted with that which applies to imperfect competition. A discussion of the influence and power of a monopsonist, a trade union and a minimum wage determined by a government then followed. A concluding paragraph drew attention to the difference that may occur between perfect and imperfect markets when trade unions and minimum wage regulations exist.

Mark awarded = 21 out of 25

| 1 | Labour is derived demand. An increase For example, an increase |
|---|---|
| | in the demand for property houses will lead an increase in property developme |
| | thus, this will lead to an increase in the domand for construction workers. |
| | Marginal revenue product (MRP) is used to indicate the demand for |
| | labour. MRP is obtained by multiplying marginal physical product with |
| I | marginal revenue. (MRP - MPF * MR). MPP is the additional output |
| T | produced by employing an additional worker. MR is the additional generated |
| T | by employing an additional worker. MRP is known as the additional revenue |
| Ī | of a product producted by employing an additional worker. |
| Ť | there are assumptions for MRP. There are perfect and imperfect in |
| T | goods market and factor market. All variate perfect in the goods market |
| T | indicates that the demand for labour is a horizontal line where DD=P=MR= |
| t | Imperfect in the goods market indicates that the demand for labour is |
| t | downward sloping. All variable factors are homogenous. It is due to the |
| t | law of aminishing marginal return. Firms are set to operate in order to |
| t | achieve maximum prod profit. |
| t | wages are determined where MRP = MFC, MFC is the additional |
| t | cost of employing an additional worker. The diagram below shows wage |
| t | determination in the perfect market. |
| t | WA |
| t | |
| t | Wo AFC = AFC = SS = W = Procetor |
| t | |
| t | 4400 |
| | MRP |
| t | Q, Qo Riabour |
| H | The supply curve of the labour is horizontal as labour and firms # both have |
| - | perfect knowledge. The equilibrium is/where wages are at Wo and quantity |
| - | |
| - | of labour is at a. Point A cannot be the equilibrium point as MRP |
| 1 | continues to rise. When MRP > MFC, firms will employ more workers |

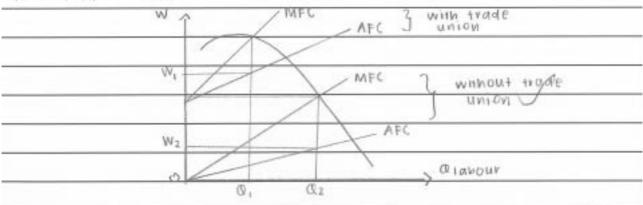


the supply curve of labour is upward sloping as both labours and firms have imperfect knowledge. Wage is determined where MFC = MRP, which is where wages are at W2. However, firms do not have to pay W2 to get Q0 amount of labours. It only needs to pay the labour at W1. This is due to the imperfect knowledge of the workers on the availability and types of jobs. Workers are being exploited at they should be paid at W2 but instead are being paid at W1. This is due to the fact that in

-when there is exploitation of workers, imperfect market,

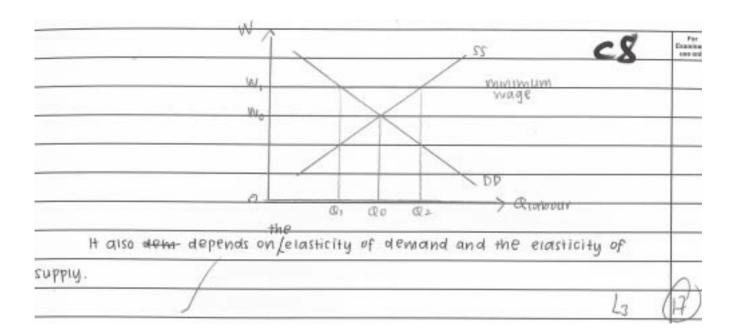
monopsonist are the price setters, we

of trade union and government. Trade union will helps workers to talk terms with the firm in order to increase their wages.



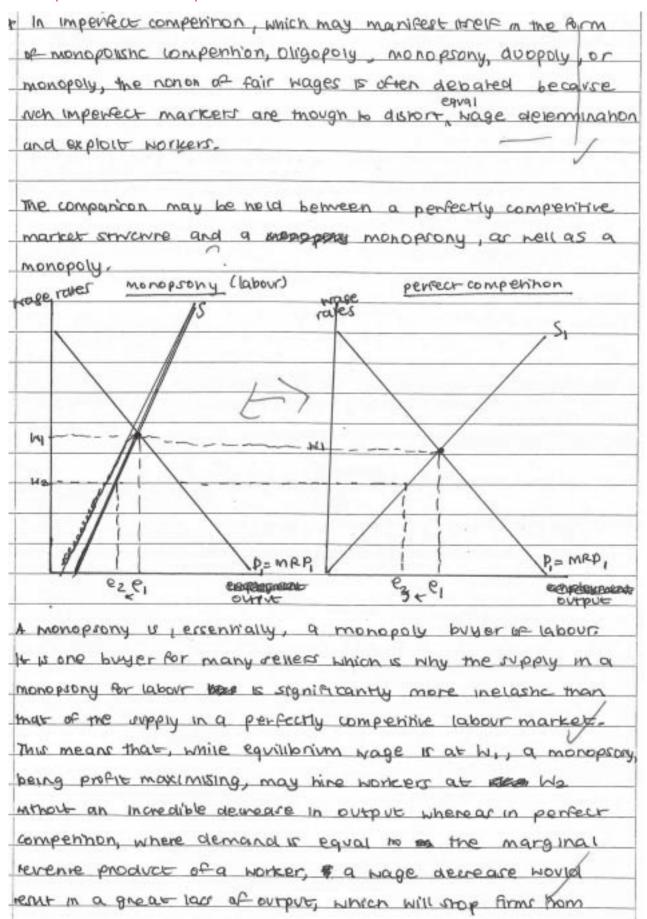
the diagram above shows the difference in wages when there is a presence of trade union. With trade union, wages of labour are at W. where as wages of labour are at W2 without trade union. Trade union will also help labours seek for working benefits such as medical benefits and overtime pay.

This with allow a decrease in employment of QoQ1.



This candidate gave an explanation of the analysis involving marginal revenue product theory but with less development than is required for a very good answer. For example, the candidate did not clearly indicate how the wage which was used by a firm in perfect competition was determined by the demand and supply in the market.

Mark awarded = 17 out of 25



blank

reducing wages. The This & insures that wager in a penfectly compenitive market do not exploit the workers, are determined by the demand and supply for labour. must also be careful with monoprony, however, wage rates go believe the transfer earnings of wage for too many workers, the the firm Will sharply decline. discommanon the presences of compension, there & also imperfect knowledge, or assymetric information lead to the exploitation Norker which given the apportunities their MRP requires WF with discrimination against were fingle employees, for example employers may pay them lower mages than perfectly competitive morker occupation. This is not possible in a is no discrimination and perfect knowledge, mobility / geographical well as occupational insegraposon Tramobility conhiberes to the wage certaing from monopsonies as laborners often have are Lower mage rates as SKING Theurs. move to a location characteristics of There are all standard was an impensect OPPORTUNITES. compenhon distort wage rater and exploit below the real if their wages are explosed rate so that they operate under a money husion n vor borg labour monopoly, and Monograny product Marginal THE IMPERFECT COMPENTION in such equity of perfect comperinon which concet, is somewhat largely Firms in oligopolies, duopolles, and monopolies, with wage not next to retain farmers amongst their worker

This candidate gave a descriptive answer. The diagrams were not clearly labelled and there was confusion between perfect and imperfect competition. There was only passing reference to marginal revenue productivity, the analysis of which was omitted, no reference to trade unions nor to government intervention in the form of minimum wage legislation or regulation.

Mark awarded = 10 out of 25

Question 6

(a) An increase in investment will raise national income but an increase in the desire by consumers to save will reduce national income.

Explain why this is the case.

[12]

(b) To increase national income, interest rates should be lowered; indeed lowering interest rates is the only policy available to increase national income.

Discuss whether you support this opinion.

[13]

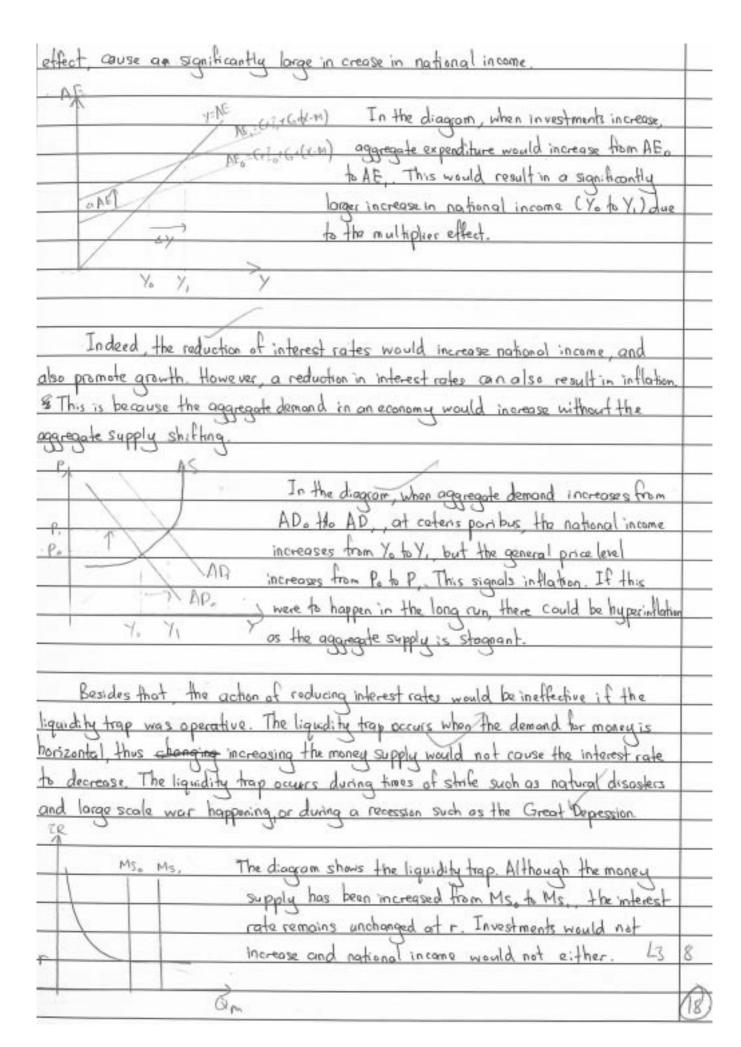
Mark scheme

- (a) Candidates should explain the different effects of an injection of investment and a withdrawal through saving by use of the multiplier process. Possible use of 'paradox' of thrift idea. [12]
 - L4 For a sound explanation with good application and a clear understanding of the principles involved. [9–12]
 - L3 For an accurate explanation of the multiplier but with a more limited contrast of the difference between the investment and saving. [7–8]
 - L2 For a general explanation probably in descriptive form. [5–6]
 [Maximum L2 if there is no mention of the multiplier]
 - L1 For an answer which has some basic correct facts but includes irrelevancies and errors of theory
 [1–4]
- (b) Candidates should analyse how lowering interest rates might help increase national income through increased investment or increased spending and then discuss whether lowering interest rates is the only policy available. [13]
 - L4 For a sound discussion with good explanation of the analysis of interest rate changes and a consideration of alternative fiscal measures with a conclusion [9–13]
 - L3 For a competent comment but with limited development of the analysis or undeveloped alternative policies and a weaker conclusion. [7–8]
 - L For a brief explanation and with a weak discussion of interest rates or weak alternative policy measures with no conclusion. [5–6]
 - L1 For an answer which has some basic correct facts but includes irrelevancies. Errors of theory or omissions of analysis will be substantial [1–4]

| (| Consumption and investments are two important components in measuring the national |
|-----------|---|
| | income of an economy. These two components are port of the aggregate expenditure of |
| | an economy and contribute to the gross domestic product CGDP). The circular flow of |
| | in come indicates that a change in consumption and investments can cause a change in |
| - 1 | |
| | national income due to change in aggregate expenditure. This can be proven by the formula AE = C+I+G+CX-M) |
| | where Cis consumption, I is investments, G is government spending, X is exports and Mis |
| 4 | imports. |
| | |
| | We can show the changes in national income due to investments by drawing |
| | diagrams as well as including the multiplier effects. Investments are spendings-mando |
| | firms in a certain capital so that the firms would be able to produce a larger quantity |
| | of goods and services in the future, for example a firm invests in a plot of land to build |
| | a factory so that production can be in creased. Investments consist of autonomous investment |
| \exists | |
| + | E and induced investment the latter or . Investments are usually fixed in |
| \dashv | volume, so the change of in investments would cause the aggregate expenditure (AE) curv |
| - | to shift upwords. |
| 4 | <u>A</u> |
| | YEAR In the diagram, an increase in |
| | AF. CHOIGIGHT investments would couse the AE curve |
| | to shift from AE, to AE, As a result |
| | national income would increase from Yot |
| | Y. We can note that the increase in Y |
| | is larger & than the increase in aggregate |
| | expenditure. This is due to the multiplier |
| 1 | |
| - | Eller Mirell States Lid O Study County |
| - 1 | aggregate expenditure leads to a larger change in national income. This can be |
| | ~~ · · · · · · · · · · · · · · · · · · |
| | represented by a Y = k a At where k is the multiplier and k > 1, |
| | represented by a Y = ka Ato where k is the multiplier and k > 1, |
| | |
| | K = MPS+MPM+MPT |

| On the other hand, an increase in savings would cause national income to decrease | |
|---|---|
| To understand this, we must note that swing is the alternate option to consuming and at a | 2 |
| fixed income & consumption decreases as sovings increase. (MPS+MPC=1). A desire to | |
| sove by consumers causes the MPC (marginal propensity to consume) of consumers to | |
| decrease This causes the gradient Islape of the AE curve to become more shallow since | |
| the MPC represents the gradient of the AE curve. | |
| 16 | |
| AE Cotto (14(xM) When consumption total decreases the AE | |
| Carve would shift from AE, to AE, | |
| down words. The result is that national | |
| income would decrease from Yo to Y. Again | |
| we must note that the multiplier effect takes | |
| place when this happens as the decrease in | |
| Y, Y, national income (ay) is significantly larger than | |
| the decreose in aggregate expenditure (OAE) | |
| 20.2 | I |
| As we can see changes in components of the aggregate expenditure can lead to | |
| a larger change in the national income. However, Hence, economists and governments | T |
| com implement policies to contract or expand the economy using the effect of the multiple | T |
| when necessary. However, the multipler value is different for every economy and it is | T |
| not easily measured in reality. Furthermore, there is a possibility that the multiplior | T |
| value is Tess than one making policies inefficient. Therefore, & research must be done | T |
| before policies to contract or expand the economy can be corried out. | T |
| Lip | 1 |
| | + |

| (6 b) Keynesian economists stress upon the importance of interest rates in on economy |
|---|
| Interest rates are crucial in the money market as well as the goods market as if |
| determines the money supply in an economy as well as the number of investments |
| made both of which are Factors are influencing national income. There have been |
| arguments about whether controlling the interest rate is the best way to increase |
| national income |
| |
| The effect of lowering the interest rates to increase national income can be |
| explained using the monetary market transmission mechanism. In a money market |
| interest rates are determined by the demand and supply of money. Suppose the center |
| bank increases the money supply, this would couse a rightward shift of the money supp |
| curve, causing the interest rate to decrease |
| Th |
| The money supply increases from Sm, to Sm. |
| causing the interest rate to decreose from |
| co for. |
| |
| P _m SQ _m |
| |
| Interest rates are the most important factor influencing investments. This is |
| because from wanting to invest would require large amounts of capital and would need |
| to borrow these funds from banks. If the interest rate were bugh, there would be |
| less incontive for firms to borrow as they would have to pay back more. A fall in |
| interest rates would prompt investments by firms. |
| 18 |
| In the diagram, MEC is the marginal efficiency of capital |
| When interest rates decreose from 10 to 1, the argue value |
| of investments made would increase from Io to I. as |
| HEC firms tend to invest more. |
| hims tend to invest more. |
| J. I. I |
| |
| Taul 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| Investments are a part of the aggregate expenditure. An increase in investment |
| would cause an increase in aggregate expenditure, and with the aid of the multiplier |



In conclusion, although lowering the interest rate does is an effective method to expand an economy. It is not the only policy available to increase national income. Att Fiscal policies such as reducing tax rates and increasing government spending can help increase the national income, as well as supply side policies such as the Raegan income tax cuts in the 1980's, a. These policies can increase national income without cousing inflation. The government should carefully review a policy and consider its effects on the economy before implementing that policy.

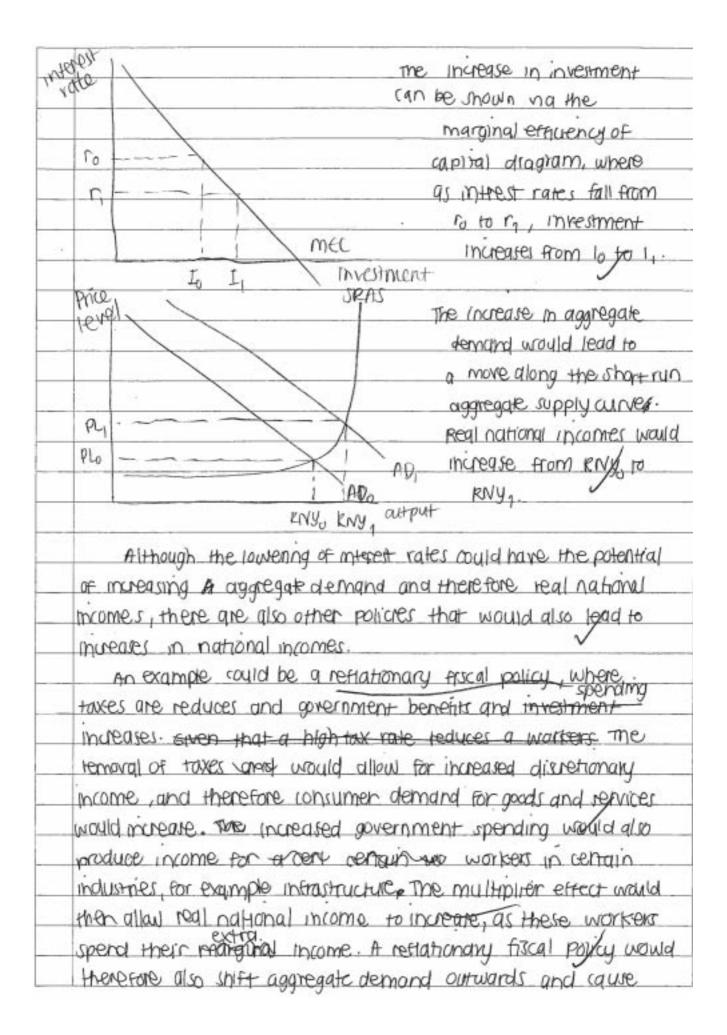
Examiner comment

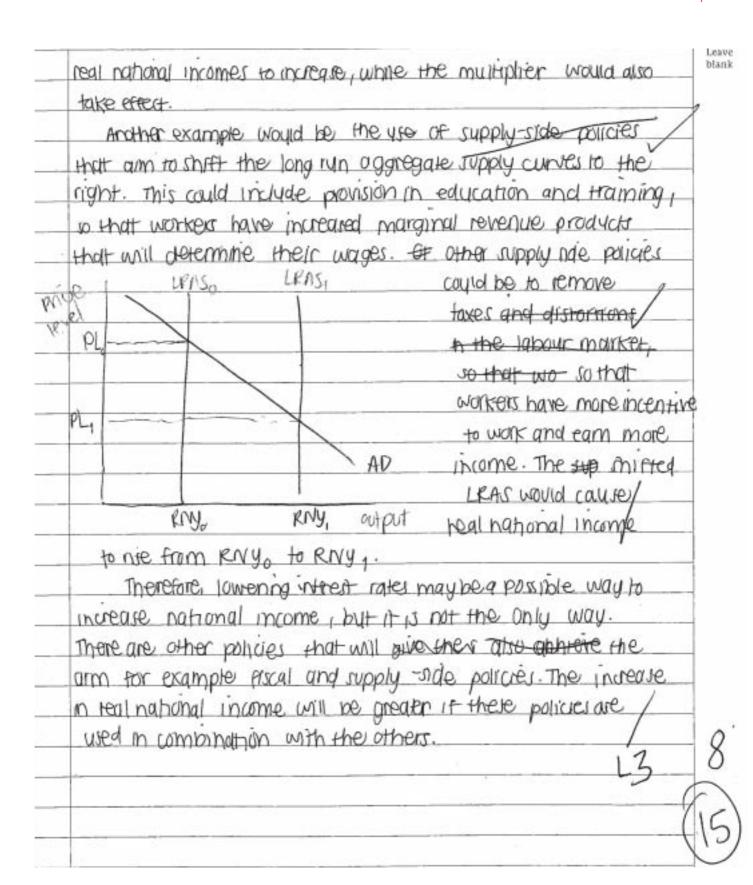
This candidate gave a clear and reasoned account of the process of the multiplier in section a) with a conclusion on how an increase in investment or an increase in savings might affect the level of national income. There was a good account in section b) of the link between a change in interest rates and a change in investment. The weakness of the answer in section b) was that although the candidate began the final paragraph with the words 'in conclusion', the paragraph was really a very brief list of possible alternative policies to the use of interest rates. No development of these policies was given. The candidate did not, therefore, develop the answer to deal with the second part of the quotation in the question nor did the candidate draw a conclusion about the argument presented in the question. Overall, however, this was still a good answer.

Mark awarded = 18 out of 25

| q. | An increase in investment washed mean by the government or from |
|----|---|
| | refers to an injection of money into the economy. When for example, |
| | g firm invests, it hires more factors of production one main factor |
| | of production it nires would be labour. As a firm hirer more labour, |
| | employment in the industry increases, causing increases in disposable |
| | income of the worker in the industry. According to the theory of |
| | the multiplier, the to a proportion of income received would be |
| | spent un consumer goods by the sonsynaets worker. This spending |
| | would then become income for another firm/ worker, and the |
| | proportion they spend on oop goods/ rennices would become income |
| | for another person. The mutiplier, therefore refers to the number |
| | of times money is used a an economy. To calculate the value / |
| | of the multiplier, we use the formula _1 where |
| _ | 1-MPC |
| _ | mpc = marginal proponcity to concume, i.e. the proportion of |
| | money spent on an extra dollar earned by a person. An injection, |
| _ | therefore adds to the ancular downer income between households |
| | and forms an increase in-income would normally lower the value |
| | in mections, and therefore incomes, would normally lower the |
| _ | value of the margin mpc, as more income is earned, white |
| _ | the proportion spent on the an extra obliging earned would fall. |
| _ | when the value of the MPC falls, the value of the multiplier |
| | Thureases. This days the hyphost this means that the extra |
| _ | \$100 earned the by workers of the particular industry would |
| _ | have a much larger effect on the income within the ecoplany, |
| | as money is rolled over more times. This causes an increase in |
| _ | real national income. |
| _ | on the contrary, the desire for a consumer to save refers |
| | to a withdrawal from the circular flow of income between |
| _ | households and firms. This withdrawal causes money to be |
| | lost from the economy, asit is not spention goods and |

vervices. The marginal propentity to save (1 - MPC blan refers to the proportion of money an individual saves for an extra dollar earned. An increase in the marginal propensity to save (MPS) would decrease the value of the multiplier, degrease in the mutiplier value would mean hence MPS the two that money as not being used to as many times, due to + households saving all arger proportion. This causes a decrease in real national incomes because less people are recrening portions of the extra income earned . , and therefore will DINGERNO b. Interest rates can be used to increase national income. This is because a fall in interest rates would lower the costs of borrowing for consumers and firms. consumer would benefit from cheaper loans and cheapen mortgage repayments which would increase their der descretionary income cless money needed to pay for mortgages). The Howseholds will become more altracted to spending than to saving, as savings would not give good returns and therefore leads to a higher appromythity cost. THIS THERE THE TOUGHT TO anse much when firms can borrow more theapty, they are more likely to invest acitable Investment would lead to increased real national income, as mentioned in a yestion A. Both ophth Both increases in consumer spending and increase in investment would contribute to hranen levels of aggregate demand





This candidate gave a correct response to both sections of the question. The weakness of the answer was not that it was incorrect but that it lacked development and discussion. Section a) could have given a fuller explanation of the multiplier process and section b) could have dealt more with alternative policies to interest rate changes.

Mark awarded = 15 out of 25

Question 7

- (a) As an economy develops, the relative importance of different sectors of production changes. Explain, with examples, why the pattern of employment might change as an economy develops. [12]
- (b) Discuss whether increases in economic growth are necessarily beneficial to an economy. [13]

Mark scheme

- (a) The usual division of production is into primary, secondary and tertiary sectors. Developing economies move from a dependence on the agricultural sector through industrialisation. Along with this there is a growth in the service sector – industries relying on IT, call centres, tourism. The changes reflect changes in demand, income, urbanisation, government policy, comparative advantage and competitiveness.
 - L4 For a clear explanation of why the relative importance of the productive sectors of the economy might change with good illustration or examples [9–12]
 - L3 For a less developed explanation with fewer examples [7–8]
 - L2 For a more general descriptive account with lack of comment on the causes of the change and with few examples [5–6]
 - L1 For an answer which has some basic correct facts but includes irrelevancies. Errors of theory or omissions of analysis will be substantial. [1–4]
- (b) Economic growth involves greater production measured by changes in GDP/GNP. This could cause an increase in the standard of living, improved health, education and employment opportunities. There may be disadvantages. Poor working conditions, the growth of externalities, the careless depletion of resources. There may also still be questions of inequality in the distribution of income or whether the increased GDP is spent on things which might not give direct benefit e.g. military research.
 - L4 For a discussion of the overall effect of growth on development presenting both positive and negative aspects with a conclusion. [9–13]
 - L3 For an analysis of the contribution of growth to development but with a concentration on either the positive or the negative aspects with a conclusion. [7–8]
 - L2 For a more descriptive account without much evaluation and without a conclusion. [5–6]
 - L1 For an answer which has some basic correct facts but includes irrelevancies. Errors of theory or omissions of analysis will be substantial [1–4]

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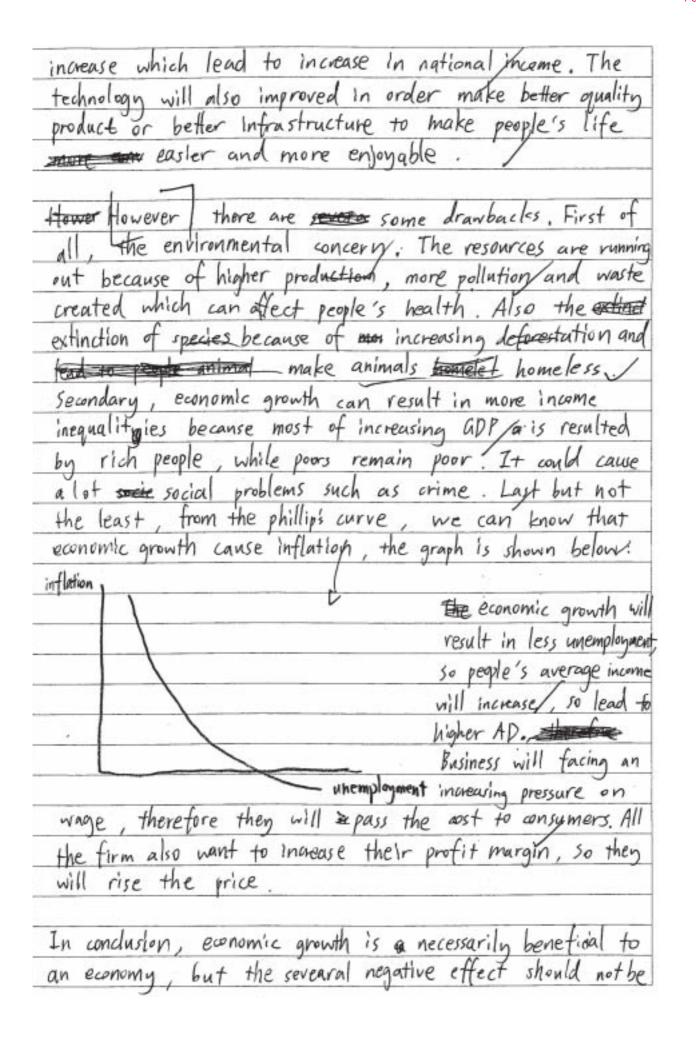
Examiner comment

This candidate gave a clear explanation in section a) of the differing importance of the industrial sectors as an economy develops and consumers' expenditure and job aspirations change. In section b) the candidate gave a well-structured answer. It began with the beneficial changes caused by economic growth but this was balanced by a consideration of the drawbacks of economic growth in terms of pollution, changes in income distribution and changes in health, and possible discontent in the population because the economic growth had been fuelled by the production of capital goods which the population did not use.

Mark awarded = 19 out of 25

Example candidate response

| (a) the sectors of production involves primary, secondary and |
|--|
| tertiery (the services sector). Primary sectors are more |
| majorly agriculture production or raw material minding. |
| Sector secondary sectors involves manufacturing machinary |
| manufactory. The tertiery sectors are considered as services sector. |
| as services sector. |
| A When economy was not developed, the country is majorly |
| rely on primary sectors, with only few secondary, but |
| almost no service sectors, because they have, limited |
| capital input to operate machins or services. As economy |
| develops, the amount of a capital available increase, they |
| no longer have to rely on their primary sectors, the |
| because land and labour are not the only factors of |
| production. they have so the amount of primary sector. |
| contribute to overall economy will be lower. In |
| |
| In short run, the manufactorying sectors will increase |
| their contribution as then have more capital input, but in |
| their contribution as they have more capital input, but in long run, it will move to the service sector, because |
| they can purchase the primary or secondary groduct |
| from aboard, but improves the goods and services within |
| the country, to improve the living standard. Also, there |
| |
| is a forth sector where it is for technology developing, |
| growth. |
| Jewin . |
| The example of this is # between USA and Africa. |
| USA is a well developed country while Africa we is not |
| well developed . USA often buy the raw materials at the |
| such as diamond, iron, or other resources from Africa, |
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| oy such as supply side policy, to improve the wording reduce the negative effect on economy. L3 | red. Government must | intervene 1 | e and m | roquee son | 16 |
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| reduce the negative effect on economy. 13 | y such as supply stac | fl it | CC-NOMIA | 16 Marie | 3 |
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Examiner comment

This candidate referred to the change in the importance of the proportion of people employed in different industrial sectors in section a) and considered some of the possible advantages and drawbacks of economic growth in section b). The weakness of the answer was that both sections, although correct, lacked development with either further explanation or discussion.

Mark awarded = 14 out of 25

Example candidate response

| 70) | The development of an economy can lead to changes in its structure in terms of |
|-----|---|
| | goods and Senices produced as well as the growth and contraction of different sectors |
| | This can cause the employment rates as in an economy to change drastically. |
| | Whatever the case of economic development, unemployment is avoidable, as there will |
| | definitely be some people who will be unemployed |
| | 3 0 11 |
| | As the structure of an economy changes, the importance of different sectors |
| | in an economy changes as well However, in the mobility of labour connot |
| | possibly keep up with this change as mobility depends largely on human capital |
| | and human capital takes time to be instilled. As a result, many labourers who are |
| | unfamiliar with the change in economic structure would find themselves unable to |
| - 2 | contribute and laid off work. This is known as structural unemployment. The |
| - 3 | Industrial Revolution in the Great Britain is a classic example of this. As the |
| | country moved from dependence on agriculture to manufacturing, farmers began to |
| | become unemployed as they were not familiar with the processes of the manufacturing |
| | industry. This resulted in a period of time where there was large scale unemployment. Fortunately, this form of unemployment can be overcome if people are willing to |
| | increase human capital by undergoing training and education |
| | The growth of an economy is not as smooth as we would like it to be. |
| | There are times when an economy experiences a tray huge expansion (boom) and |
| | times when the economy focus recession. This instability of the economy |
| | Consultarate analysis course the employment trend to fallow it. During |
| | the times where the oconomy experiences a board |
| | Actual there is very little unemployment. However, during |
| | 0 10 |
| | - 1 3 |
| | This is known as cyclical employment. An example of |
| | Time this is the tinancial crisis in 2008 where a large |
| | number of people in the United States faced unemployment |
| | Since then, employment rates have been improving with the recovery of the |
| | economy. |

| In conclusion, the pattern of growth of an economy very much affects the | |
|--|---|
| state of an aconomy employment in an economy. Since one of the mocroevanamic | L |
| goals is to achieve full employment, the presence of unemployment is seen to be | L |
| a scourge in the economy Untertunately, it is impossible to achieve full employment in | ╀ |
| on economy but the right policies can bring the employment rate close enough | H |
| to full employment. | 4 |

is probably the most important of Growth is iving in a country Economic growth indicates a higher standard living of the increase in gross the GDP per capita it also means that the population The population is able Growth Very large higher standard better maasurement Development Index tonomic quanth also promotes employment in an economy. he economy would Job opportunities However em playment boost the competitiveness Services a thus improve However

| In conclusion economic growth is beneficial but at the same time hornful to an economy. The government needs to implement suitable policies | • |
|---|------|
| to ensure that the five macroe conomic goals do not conflict with each other of | |
| and can be derived. | 7 |
| | (11) |

Examiner comment

This candidate gave a relatively undeveloped answer to section a) which dealt with structural and cyclical unemployment. Although mention was made of a shift between sectors in the industrial revolution in Great Britain the idea of a change in the relative importance of different sectors as a country develops was not elaborated. The answer to section b) had a good structure to it; both the advantages and disadvantages of economic growth were mentioned. The weakness of the answer was that these changes were not developed nor discussed at any length. This was a pity as there was a clear attempt to balance one side of the argument about economic growth against the other.

Mark awarded = 11 out of 25

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