



Examiners' Report June 2015

GCE Economics 6EC04 01



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Introduction

This was the sixth examination paper for the 2008 syllabus.

Candidates were required to answer one essay (from a choice of three) and one data response question (from a choice of two).

The demands of this paper appeared to be similar to those of the paper in 2014.

In Section A, question 1 relating to population issues was the most popular (50%) followed by question 3 on trading blocs (32%) with question 2 on public finance issues being the least popular.

As with the 2014 paper, a particular weakness apparent in answers to 5(a) was an inability on the part of many candidates to interpret index numbers correctly. A facility to interpret data will become more important in the new specification when quantitative skills become a key element of the assessment.

As previously seen, some candidates inadventently penalise themselves with poor handwriting. Illegibility appears to be becoming a more serious problem and centres should be advised to remind their candidates that answers which cannot be deciphered may not achieve the marks which the content may merit.

Overall, the paper proved to be accessible for the vast majority of candidates with nearly all candidates able to access marks on most questions. While less impressive answers contained superficial and/or inaccurate analysis, those at the high end were characterised by analysis showing clear chains of reasoning; a clear knowledge and understanding of current economic issues and evaluation demonstrating the ability to think critically.

Question 1

This question appeared to be the most popular of the three essays questions available.

In part (a), surprisingly few candidates were able to provide a convincing and effective analysis and evaluation of at least three effects of rapid population increases in developing countries. There was often a degree of repetition of points and sometimes no references to examples of developing countries to illustrate particular points.

In part (b), most answers included a discussion of at least two relevant policies with stronger responses including a range of policies relating to both the size and productivity of the working population. A weakness in some answers was a lack of rigour and coherence in the analysis. A further problem in some answers was that a minority of candidates related their arguments to *developing* economies rather than to *developed* economies as specified in the question.

Indicate which question you are answering by marking a cross in the box 🖾. If you change your mind, put a line through the box 🔀 and then indicate your new question with a cross 🕅. Chosen guestion number: Question 1 Question 2 Ouestion 3 pon Senegal POP = sasker than GDP = iney VT pop = instrastinuctive - more people to house 2 living st TPOP = imports T = Bop des TPOP = education cranding -1 quality baith core 2 An increasing population in developing as regal would have a canties economic impact. rapidiy FIRSELY, 15 population is increasing forsent will cause been buis then -buishousing issues in developing comparies. because due to more people This is there will be a higher demand for which will cause tots houses -O Kho prices to increase, but care to IOW have and 10 w GDP trere with be many incones people mill be undeble to asserd 60 and will be have pss, bur house to this there will be a lack as de and OLERP Pront -66-0 A cantry

an decrease in AD becan degareque demant. absolute poverby (P). However, a problem like this will alert the appernment who could introduce sub housing subsidies this will make more assordable for people which houses uill help people assord houses, this will Leip to reduce absolute poverty in a developing cantry such as senoyal. A rapid increase in population will lead to an increase in imports, such as apods of goods and such as sood, and cars. An increase in imports will 1001 to a balance OS payments designed which is dissicut to sustein in the rong run. Due to this debt governments would have to take an opportunity cost and decrease public expenditions in order to help the desicit which could lead to an increased powerby due to tack of sinding in areas such as education Hover, an increase in population may level to new weys of specialisation or entreprenvership, the to more peep

is this is the case then this could tool to a reverpping and sinching is compararive actuances e to increase exports, increase saves and help to barance out the barance of payments, this could also lead to an increase in GDP which will cause deverpment development in the country.

An increasing population in a deverpiny country such as senegal with the education problems, this is because 60 kere vil be too many chiceren compared to a rack as schools. This would man trut classes will be overcroceded CONSIG decrease in the en quantity of education, this will lead to a lace of skips in the seture for tase children which intern would lead to lover GDP and a part in development.

Housier, the population may be againg, would meen that in the long rin population ward decrease unich would to resolve the problem of increased imports which would mean iteration the long no othe barance as payment will be

in a better state.

Another impace is that as increased population is increased pressure on hearthcore e.g. overcrouded hospiterits, lowing to longer wonting time) a decrease in the overall appet quarion OS Service, this would an decrease in increase cause ` in the number Of people who may die from not so serious discoves due to the rack of proper Greataent

plan - min waage, i tert, education, framine, Learth, U benesits In a reveloped cornery sho such as the UK There are many policies that a government May persue in order to increase the size and productivity of it's working population in a diverged country such Firstly the government may introduce a Minimum minimum wroge, this is would ensure that workers when to epicited and earn a decent where. A minimum waye would help to increase the size of the to of the workserve as more people mill be unling to work, also this will increase produccinition as people will about harden Upouring they are carning oped Mensey, this will result in indreased GDP. However, a minimum ways could read to a decrease in the abovence the international competitiveness of denessic Rims as there Marginal COSES win be very high. So, inten this may decrease the size as the worksorre as denestic Rms would have to are stars in order to cert cut

costs and lepp their competitive allege. 19 second posicy a government and persue is de decrease in tex, this would increase the size of the worksurve as people will be more willing to Lecru in creler to & Mouring toat there net upge and disposable income will increase. This will also in creaso producting as people up work haveler knowing and be happier knowing brey the have more disposable income. However a decrease in les will lead to a decrease in the site opverments tax revenue, which is an opportunity cost as they want have the finds to spend in a more public goods PKotk 0 QZ G. Qtax revenue

Another policy is to decrease benesits, by derive this gover the workserce would expans as there would be a new incentive to work sollowing a recrease in benesits and the prospects as warning to earn more money. Doing this would onsure that increase GDP due to more people working and earning an income. Also it will increase tex revenue to peop the increase ands ser public goods such as hearthoure.

Havener, some people are disabled or have diseases that mean brey can't wark, So by decreersing benesits disabled paple and people with diseerses would end up in poverses.

Another povicy opverment and persone is increasing sponding on education, by desiner this students too will have better quality as eventor with CI will real to increased skills when they Sinish education, this would help to increase the size of the workforce as there would be more people to able to take highly paid bbs. This could

| also | incre | use | tax | relen | re as | s more | people |
|--------------------------------|-------|-------|------|-------|-------|--------|--------|
| Would | be | Lucr | Vine | S.O. | More | peque | uir (|
| be | ondin | ce Go | L X | | | 1 1 | |
| 111 - FTT. 1 - 1 - 1 - TTM - 1 | L.S. | 5 | | | | | |

prother policy is to increase spending on baithcare, this would help to increase one productivity as the worksorce as when people get in they ferlie time off work which reduces productivisy, but with there improving healthcerre e.g. the NHS there will be Shorter queue's, more doctors and move Rospiters, so people can be seen by a doctor more quickly so reducing the fine they gerke USE work and improving procenceinto

there is an opportunity Cost involve with increased spending of health are spend training as goudroups spend the money on and arso improving transport links or 50 more bouses etC.



Part (a): This is an example of an answer which identified several issues e.g. pressure on housing, schools and healthcare but included little by way of analysis and evaluation. Consequently, it was awarded the lowest mark in Level 2: 8/20.

Part (b): The answer contained reference to several relevant polices but only the first on the introduction of a minimum wage and the third concerning a decrease in benefits were explained. The others went little further than an identification of appropriate policies.



Greater precision and rigour in analysis would have enabled the candidate to achieve a higher mark. For example, it is stated that 'a decrease in tax would increase the size of the workforce'. However, there should really have been a reference to a decrease in *income* tax followed by a chain of reasoning which analysed the likely impact of such a decrease in income tax. This answer was considered to be just worth a Level 3 mark (16/30).

Question 2

This question appeared to be the least popular question, however it proved to be just as accessible as the other essays on the paper.

In part (a), the majority of candidates struggled to identify three reasons why a rise in the national debt might or might not be a cause for concern. Too many answers focused solely on second round effects such as the need for a government to raise taxes and their consequences. A minority of candidates confused a national debt with a balance of payments deficit on current account.

Part (b) drew a range of responses with most being able to discuss at least one impact of a rise in VAT and one effect of a cut in welfare payments. The best responses considered possible impacts on income distribution, incentives to work and on macroeconomic variables. A minority of candidates misinterpreted welfare payments as referring to overall expenditure on health and education.

Indicate which question you are answering by marking a cross in the box 🗵. If you change your mind, put a line through the box 🔀 and then indicate your new question with a cross 🗵.

Chosen question number:

er: Question 1 🖂

Question 2 🛛

Question 3 🖂

2 a) The national debt of a country is it's accumulation of all total past greenment baroning, and has nereased significantly for many countries since the global credit crunch in 2008 The public sector national debt may be a luge cause for concern when it comes to the needs of future generations having to nake apayments with interest, as this could servely comparise their standards of public services due to the fact that a Tage proportion of the government hudget would have to be spint on outstanding debts to particular, health and advection services could see a significant decline which my have disastrous consequences of love leads of human capital, carling is a dop is productivity of the monthforce, putting the nations international competitiones services risk However, on excluding this, currently in the EU interest rates have remarked at or around 0 10 and the past year as a coult of low buch of inflation (when the at 0.3% in EuroZone, and have if this continues interest repayments mont in fact be major cause for concern. For instance, the current intrest ate in the Uk is and has been since 2009 at 0.5% Secondly if the ise is rational debt reades an unstandle point as in the case of Greece, it may lead to a fear of default for an member of the European Union. Greece currently have high autotrahigh payments to be made to the laterational

Monetary find and unless the economy undergress significant yonno, Greece may be fored to default on the Euro and have to leave the European Union. Evaluating, this is not a fair representation of the entire EU, as the majority of nations have seen a much smaller relative mease in their national debts and apart for mainly Itily and Greece, their notional delta are below 100% ZGDP. Thilly, if the rise is national debt is reaching on unsustainable point, the nation may love to face a nice in taxes, which could lead to negor dimentie affects though the economy on minstment if componention tax is aired, and on commention if more tax were to be assid. This may be due to the workfore heing less willing to de actine or less intling to sech pontion, as their region magnal mine will be significantly lower. E colustingly employees may instead und hader singly to mintain their standard of ting and on top of this the initiance of the change in the leggly depends on how by the change is, and which the hands are affected 6) One impact of an increase is indirect tax may that the government will see an nicese is oncall receipts and tax reserve. For example, in 2011 the UK's rate of VAT rose for 17.5% >20°10 and the inpact of this can be shown through the Laffer Curre: (Indirect times are taxes levied on expenditure, and have an undiale inpart of improved tox receipts for the government, as it is impossible to enope VAT domestically)

Tox ste % 17.5%20%) As the cure shows, by increasing the tax rate, neall t will rise, easing the budget deficit of the UK, which is currently at around 4. 4°/0 of GDP. Evaluatingly, this assumes the mand for UK goods and services is lagely p domestic de to demand, which my not be the case arous all the effect of this hugely depends on where we are on the Laffer as 20% may not in fast bethe optimal rate of the. Fullemore. He include of VAT is boally regressive - the properties prid is the follo as nione rises, and this mes tends to have a much greater effect on the poor as it takes out a lager proportion of their disposable viene. As a result of this, it call ne in indirect tex monens the lists making it les aquitable and as the give co-efficient has risen recent years to mighly 0.37. it could be agreed that nequality would even more On evaluating this . He government may simpl woren choose to accept this as an outcome due to the current mont of balancing the budget defint here making iniquality singly a secondary inne . However, the government could instead prove

is direct trees, such as the higher banks of nime tax, is adv to hill two kinds with me store - attempt to restore aquality whitst meaning the figures on the receipts This year the Uk has undergone negor cuts in melfere payments. as for intance the benefits cap has been lowed per anoun from E25000 to E23000. An expected economic oform to come from this is an menter for the manployed to find moth, due to their disposable more having fuller and this would have the desired effect of meaning the size of the mortiforce. thus mircaning aggregate supply: Price \mathbf{Y} AD R. J. National Output an On the other hand this may be seen as a very unjust measure by paying the poor less to ty and make them most hader, and on top of this, the majority of these people will have a low dilbert, would to contribute much to the productinty of the workforce. Also it is worth noting that usenployment is recently your her lengthy faller in the UK, and there may be little shack last in the economy for further job minuses, Fridly, cuts is melfare payments call have a detrimental effect on the human capital in the economy is boos the long ren. For example,

fared a fall in meller



Part (a): This was a sound answer which identified and explained three possible causes of concern associated with a rise in the national debt. Although there was some evaluation, this could have been developed more fully. The candidate did, however, demonstrate a good knowledge of current economic data.

Part (b): Again, this was a well-structured answer which examined four possible consequences, although the last was less well-developed both in terms of analysis and evaluation. As with part (a), a good understanding of current economic issues was demonstrated.



The answers to both parts of this question demonstrate how knowledge of current economic issues and data can enhance the quality of an answer.

Question 3

This was the second most popular question and the majority of candidates were able to include relevant points in both parts of the essay. In part (a) there was often a good discussion of trade creation and trade diversion but the best responses applied the concept of comparative advantage effectively and accurately. The impact on foreign direct investment was also considered by many candidates but often only superficially.

In part (b), the best responses considered critically the possible impacts on the UK economy's macroeconomic variables, supported by evidence from the recent debate surrounding this issue. In contrast, weaker responses often consisted of little more than a superficial outline of possible economic effects on the UK economy.

Indicate which question you are answering by marking a cross in the box 🛛. If you change your mind, put a line through the box 😹 and then indicate your new question with a cross 🗵. Question 3 🔟 Chosen question number: Question 1 Question 2 a) flan unnigration Trade Creation Examine the potential 210 a) A trading bloc is a group of counteres, usually in the same geographic region, that agree to the remove protectionism between each country, whilst heeping a Conner extend tarris to those outside the trading bloc. One potential kenepit of the TPPp trading bloc for members is trade creation, this is when counteres

go from trading with a bigginger Country who has kigh prices for good to those with a some pice This May be demonstrated on the diagram below. Domestic S Pr.a P(PPT) Comstic D Dz Ø output This is likely to cause an increase in consume welfare of the structed trianglies due to this lower price. # An example of this may be Canada now importing goods from Malaysia instead of a country artside the trading bloc such as Tailand, as # goods would be deaper without Protectioning and as tarifs, Howeve, in evaluation to this counteres

within the trading bloc may experience

trade diversion upon entring becoming a member This is when a country goes from brying a good in a low to high pied counting, as seen on the diagram below porestic S PI.C PLPM pomestic D 4-Śz Dz D output This agreat has seen to of taken place in some instances with the UK joining the European union. As they have substituted in puting Jamb from New Zealand to EU members. This causes a negare loss to consumer of the sheded area due to the higher price of goods Anothe patential benefit of a venkestip to such a trading block is increased FPI, FDI is when a ter film from one counting

invests in another contry By smaller and less developed contains such on Makysia being associated with large established developed pation such as the USA, both constaining within and extend to the trading bloc are likely to increase FDI to Counteries such as Malaysia. This will aid then in economic growth, as Investment is a component of Agreepizete Demand this Shifting it ontward to the right as seen on the diagram This surving economic As increase, and grouth to Price to en playment to use from 4, - 42. The AZ USA, FOR Dexangle is sutput more likely to invest in the a country such as Japan as their exporte of Saparese technology is likely to increase due to the lower fire of goods, with a luch

of protectionism. Thus the USA will have A Vested inferent in cours the cost If and increasing the officiency of Supanese goods.

Howeve, the an increase in FDI may not bing large benefits = to employment. It may only and demand for low shilled warder to increase thus on low page Equally, the test investing country may of bing worker from their own country to woh on such projects

Another benefit of joining such a tradis blor is an increase in innization, Worker within the nenter coenteirs may be de nore justiced to night to other member counteries, especially if there are when such as in the EU as Freedom of labor. This is likely to increase the Howang sapply of labour to economies which in turning

lover costs of production for Envirences However, this may cause a brain drain for othe counteries within the trading bloc, As waters highly Shilled woder are noticated to work in an occorry with higher peng -

b) Plan +FDI = skang menploquent - Siemens considers Plant in Mull - huere weak acquirient - Airbur Said would be bad not going to TPI QJ: nes in Stop trade wald. complettey. Elôn effects RXit EU 11K worsening inthe tion BOSP oort Car - mpost more expensive - 2 XPO, H One possible economic effect of the UR exiting the EU in the reported of 2016/2017 is an in Crease verpagnent. If we leave the EU at it is likely that we Vil face considerable protectioning from conteres whin the EU and the experting pusinesses will recent will a considerable full is their profits, leading to unemployment. Some figs statistics suggest that Hris exit will cause = 3 million workers to become inemployed

However, such statistic is a warh around as it assures that the UK will entirely stop exporting to the EU which is incorrect. In reality it will be mutually beneficed for those within the EU and for the Uk to continue tracking, and thus job corres and a los of Profits for businesses will not be this large. Anothe possible effect of the VE exiting the EU is a full in FDI. Foreign pirect huestrant is sour investment from a firm in one Contry, into another country Many leading business such as Arbus have openly redicted that the exit from the EU will cause such a test fall in FDI, and Airbus themselves have a considerity plant in Wales miching Biplene Wings. FDI may full on burinesses such as Airlans many see aports from the UK pulling as the pice of these goody is likely to

crppear light with a connor extend twip. Noreove, this may affect offer to the firms such as Siemens, the lagest enginery fin in the world, in consideing opening a plant in Hull. Thus such an exit from the EU may aged such a decision. This reduction in FDI is likely to cause a fall in economic growth to the Uk who celike beauily on such investments Clargest inwerd FDI country in the world). This can be seen on the diagram below. This is because investment AS and export Price from such PI Lusnerses Pz are both Compionent AD OF AD. Output 41 However, the UK is still an attractice economy for FDI, regardless of whether the use are in the EU.

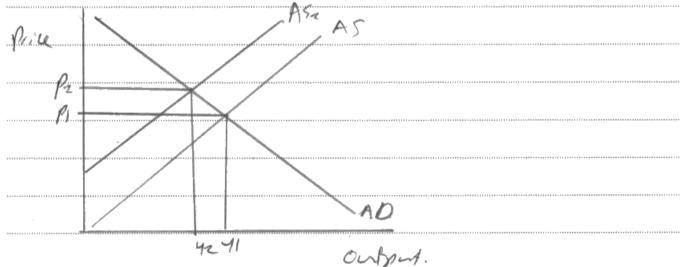
This is because the the is ranked Sph in the wold for competitioner in on labour maket and the Enchish language is attactive For hany businesses

Another possible effect of cerning the EU is a worsening Balance of Payments. The Un atender Suger from a Trade defect of S.S. partially due to our lach of Price competitioners and deindustations Being exposed to a company external tariff and a fellin FDI is likely to cause our exports to full considerably Moreaner, this is particullarly porient as the EV is an largest trading putne, as 45% of our exparts go to Contain Within the EU.

Howeve, Some ague that this is not recessarily a bad thing as if will encourage the Cts to trade more with energing economies such as china and appeal to

their ever growing middle class.

Anothe possible economic effect of exiting the EU is a rice in Unflation. This may come be Cared by a rise in the price of imports, is the UK retaliate and impose protectionism against EU goods. This will cause the cost of production Br UK businesses to rise thus shipting on aggregate Supply Cove inwards causing cost push inflation al demonstrated below



However on slight rise in inflation may even be welcaned by some polificions in this economic cliande Thit is because we are seeins

Covertly vy law levels of inflation of o'/ and a fea of a Tapenese style deplation.

Results Plus

Part (a): Three potential benefits of membership of a trading bloc are identified, analysed and evaluated: trade creation; increased foreign direct investment; and increased immigration. These points are supported with relevant examples and contextual references. The main weaknesses were in terms of the quality of written communication and also the inaccurate labelling of the aggregate demand/aggregate supply diagram. Nevertheless, it was thought that this response was just worth a Level 5 mark: 17/20

Part (b): Four possible effects are identified, explained and evaluated although the evaluation could have been developed more fully and, as with part (a), the aggregate demand/aggregate supply diagrams were not labelled accurately. Appropriate examples were used to illustrate the points made. Overall, this answer was considered worthy of a Level 5 mark. 27/30



It is always useful to illustrate analysis with appropriate diagrams but they should be labelled correctly to gain full credit.

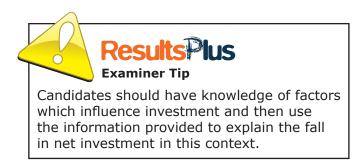
Question 4 (a)

It was rather surprising that more candidates did not achieve full marks on this question. One reason appeared to be candidates misreading the information provided in Figure 2. Further, some responses did not focus on the change in net investment as a proportion of GDP between 2010 and 2012 as required by the question. Where the data interpretation of the data was correct, a wide variety of reasons were provided but some of these were of dubious relevance.

(a) With reference to the information provided, outline two reasons which might explain the change in net investment as a proportion of India's GDP between 2010 and 2012. (5)"In 2010, Indias net investment as a proportion of GDP around 13%. However in 2012, it was around 2.5%. One reason for this change is India is in a current account between the 2 year period. the "USA's Federal reserve bank is to run down its program of another easing.

Results Plus Examiner Comments

The answer begins well with two relevant data references in the first paragraph. However, the rest of the answer did not score any marks because it was not apparent why the reasons identified could be relevant in explaining the fall in net investment as a proportion of GDP. Score 2/5.



(a) With reference to the information provided, outline **two** reasons which might explain the change in net investment as a proportion of India's GDP between 2010 and 2012.

Figure 2 shows that het innestment as a proportion of India's GDP fell between 2010 Afrom about 13% to around 2%. One littlehy reason for the decrease in innestment into india is Ph the has failed to allow "foreign investors ernnent to take propits out of the country "making investment into india less desirable, therefore de areasing Value. Another reason why net insestment may have a fall in the rate of growth in india Fall en is This neans 2010 and 2012 as shown in figure that the likely propitability of firms in Andra is falling so this discourages invertment

(5)



This response contains all the elements of a sound answer beginning with 2 data references (worth 2 marks) and the identifying two reasons for the fall in investment as a proportion of GDP with some explanation of the second point. As a result this response scored full marks.



the information provided in developing an effective summary of the key issues.

Question 4 (b)

This question was answered fairly well not least because most candidates were able to select two relevant reasons why India's economy 'is still in trouble' from Extract 1 and to offer some explanation of their significance. However, some responses did not provide much by way of analysis nor did they include relevant data references.

(b) With reference to Extract 1, analyse two reasons why India's economy is 'still in trouble'. (8)One reason why India's economy is still in trouble is that the ering from restrictive regulations, as b his nears that bebout la no are still Vact 1. beautacracy and so hiring and fining process is more This acts as a deterant for foreign firms wanting to up in India as they will have limited contro lover their emp Another Rason why India's economy is "still in trouble', as high in Extract 1, is the fact that the government has reglected to us policies to stimulate depestic manufacturing and instead forms more sector. India his a large unskilled Popula sector. the manufactic cal good use 1 sector only grew by 5.71 comparied to the 101. c SECTOR. tion reason why India's economy is sti U introuble is corruption. Bibe-payed are of the problem of service companies resulting in an ant resources.

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The first paragraph was awarded 3 marks because an issue (restrictive regulations) was identified and explained.

In the second paragraph another reason was identified with some explanation and two data references were also included. Consequently, this paragraph scored 4 marks.



The key to achieving high marks in this question is to explain why the factor identified would cause a problem for the Indian economy and support this with appropriate evidence from the information provided.

Question 4 (c)

This question was the least well answered of the five on this data response context. The main problem was that many candidates discussed policies to stimulate manufacturing rather than discussing the case *for* policies to stimulate manufacturing. Those who did interpret the question correctly sometimes failed to access all the marks because they did not explain how the arguments for stimulating manufacturing might help to promote economic development.

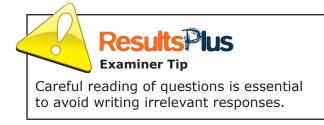
(c) Examine the case for the Indian government using policies to 'stimulate domestic manufacturing' (Extract 1, line 23) as a means of promoting economic development.

(10)The government may decide to give subsidies to domestic manyfacturers, which hopefully lower their cost producing and make them competitive. a business has more money it able to cyjord to employ more people increasing peoples Civing standards. the However this money may be used for the such as giving the ourposes, manages salary instead Additionally, the money men would acha invested into technology which more people out of work, the opposite effect of what it wants to have. government could lower corporation The corporation tax is lower than countries then they other mary See as people Keep insurge of t wart Ю 18 there is more their project as possible. FoI, then more nuch as Lice 2000 created. this may decrease the Jax the population, leaving from rever the govern 60 with sectors

stimulate domestic manyfacturing India 10 trading blocks try to join more may decide to ion the E would see barriers trading Such as tarigs guotas, making Or iE easier and Costly for manufacturers export and 6 goods, especia do ney yet imports ports 100 GMI 100 _ex nuch this to increase they ear use th exports Chen India للان see more money 10 ro The economy, which be usee can contries ingrastructure morove 90003 and Services. trading blocks may be Jonna question for India. out join the of 10 EL the country paul must onu they nitially must Obide Jahons which may be 100 -exper to contemplate at this corrent time



This answer focused on policies that the Indian Government could employ to stimulate manufacturing and, as such, it did not address the question set. It was awarded 1 mark because there was reference to job creation.



(c) Examine the case for the Indian government using policies to 'stimulate domestic manufacturing' (Extract 1, line 23) as a means of promoting economic development.

Economic development is the improvement, in the Standard of thing of the perperturban and verterement The indian manufacturing of people's lifestyles India's manufacturing to appratio jemains at is any at 15% when this compared to China who has a cartio of (10%) to app, it spens India is inderachering.

By "stimularing domestic manufecting is India will be able to complay its buge and inskilled population. Employment un also trese individuals to increase their incomes and increase social proponety. According to the Lewis model, the diversion of Labour into manufacturing will lead to greater grant and eanomic development. A rise in incomes and a specialised northince with increase consumerism in India. It can also lead to greater expert-led grown. Therefore employment-vill furmer increase and incomes will rise.

Also, monufacturing is income elastic. Therefore as ylobal incomes rise, demand (or monutuctured goods will also rise. Unlike agricultural or primary products which have demarking terms of hade dertime. This means incomes of nonners will use and merchane this lead to higher standard of whing

Horever, it cand lead to an explatation of larpaid labour by transmational firms concellastage domestic cooperations. This will mean incomes null stay relancely low and inequality will rise.

Economic growth in the monutal (hring industry can Also lead to la higher tax Nenue hu Industry can guarment. This is because firms will pay more cooperation tax and as income rise emptyees will pay more drow income tax. These kinds can be used to find public services such as health care and education. This will lead to greater economic development.

Hower, the efficacy of the Indian tax system is questionable. India may not nove a tax system that is entired adequality and therefore the guernment may not see a rise in lax reventer. Also comption may mean the tax revenues are used only to benefit the publically concepted.



This answer was well-constructed, logical and carefully framed to address the question set. The first paragraph contained two relevant data references and was followed by a paragraph explaining the employment benefits of stimulating manufacturing. Other benefits relating to incomes and tax revenues were also explained and there were two evaluative paragraphs. Overall, this response was awarded full marks (10/10).



This response demonstrates how an effective answer may be constructed with economic concepts being applied appropriately.

Question 4 (d)

Although questions relating to changes in exchange rates have appeared in the past, some candidates found difficulty in developing accurate and carefully reasoned answers in this context. Furthermore, some answers considered only the impact on India's balance of payments, ignoring the possible effects on other macroeconomic variables. Nevertheless, there were some very good answers to this question which examined several possible effects in the context of India.

*(d) Assess the possible effects of the fall in the external value of the rupee on the Indian economy.

(12)As sh houre ane WCM l 100 tho mare Q. Ol m (CM 00 С MR 0 di 1 0 W JQ nane a ΩD ONT (Λ) 0 DN \mathcal{M} 0 aner acunt at MPIOVE stratie S R demo 0 τs Cay anne USCO 0 0 0.0 CLLPI 20 epre 1100 QX Unilla 01 10 uver COUR CO the Sh 0×Dn pp

take time countre Ind \cap CI 2m ament accour ballance е



The answer begins with two data references relating to India's current account of its balance of payments. There is then consideration of the effects of the depreciation in the value of the rupee on India's current account followed by two effective pieces of evaluation. Consequently, this answer score 9/12, 5 marks of which were for evaluation.



This answer could have been improved had some of the wider implications of the depreciation of the rupee on the Indian economy been examined. *(d) Assess the possible effects of the fall in the external value of the rupee on the Indian economy.

(12)One effect is that it would make experts more price Competitive. A full is the rupee will make exports cheaper. This will result in an increase in the amount of typ expirts which Could potentrally lead to export led growth.

Another effect is that it would reduce the ament account defrait as exports will vice because they are cheaper and inports will full because they are more expensive. The improvement in the Compart account balance could versive confidence to investing and increase mestment ultimately increasing growth.

However her this to work, the sun total of elasticities of imports and exports has to ke greater than one which is the marshall lener Condition for the current account bodance to mprove.

Futhermore there are regaine effects as it could lead to ultahing due to the uncreased costs of production a "prices for shuble products such as fuel and onvers have a reposty nonesse increased repidly'.

This cost push inflation Could damage A Stanifical It can also reduce growth as Consumers ers disposable Acor 01 of and decreas Imy Th is will the decrease stagna ni(he



This answer contains relevant analysis relating to the impact of the depreciation of the rupee on the competitiveness of India's goods and on its rate of inflation including a reference from the extract. The evaluation is imprecise because it refers to 'elasticities' rather than to 'price elasticities of demand'. This answer scored 7/12.



This answer shows the importance of precision in order to access higher marks. Furthermore, there needs to be more evaluation and greater use of the information provided.

Question 4 (e)

This question was relatively straightforward although only the more able candidates were able to use the information provided effectively to identify appropriate supply side policies and to show how each policy identified could improve the performance of its economy. In particular, it was necessary to explain how the supply side policy could affect variables such as economic growth, the rate of unemployment, the rate of inflation and the balance of payments on current account.

(15)

*(e) With reference to the information provided, evaluate supply-side policies that the Indian government should pursue to improve the performance of its economy.

A supply side policy the nelson government of should pursue to improve performance is education and training, the mare educated a personner an educated person is a stilled one, moregene they are able to seek higher norme pud jobs such as doctors rather than low puid manufacturing toos which to require no still. This improves the performance of the commy as not only more income is being sport as people have more income which creates as npple effect per jobs in the primary sector, chine rates may also fall as people are app the streets which could lead to a life of enne as every would be Stole, or operate black Markets to generate income / read themselves. RI.

Assinequelity is reduced, as women are given the oppurtunity to be aducated with men, therefore establishing their own income and cancers, leading to a fall in the amount of bidths, as instead of graying at home looking after title, they are able to work and plan kids children

Amough there is at a time lag of 207 years before the epport of aducention and training may be fell, meaning it is a long term cost with no gammatee of success - a policy which cost billions of pounds.

Another policy is an norcase in ingrasmicture by developing roads, supports allows prime to easily access different markets globally as well as domestically. There is an ease on transporting F goods and allows for mansport of presh goods. Asso international firms may enter the market and set up poms within the country increasing employment in the Indian economy

Again this process is very costly and requires requires constant maintainence although charges such as tothe may be put in place for use of roads to generate income needed to sustain the road in good conditions



The first page scores 3 marks for a discussion of education and training with a mark for evaluation at the top of the second page. The discussion of infrastructure improvements scored 3 marks with one mark for evaluation in the following paragraph. Consequently, this answer scored a total of 8/15.



In these 15 mark questions it is advisable to include three policies with evaluation of each. Furthermore, there should be an attempt to make the evaluative comments more related to the particular context. In this case, the evaluation provided was generic with little attempt to relate it to India.

Question 5 (a)

Most candidates were able to identify at least one reason for the trend in world exports. However, this question involved the interpretation of index numbers relating to the increase in world exports and many candidates were unable to describe the changes illustrated in Figure 1 and consequently were unable to access the 2 marks available for application.

(a) With reference to Figure 1, outline **two** reasons for the trend in world exports over the period shown.

(5) Between 1990 and 2012, th e exward exports increased may be the introduction such as the e curreneies bornie trade for European countopies to exp to one anot y technological advantages such internet has allowed eagler international trade A buyer in cons creasing



The candidate scored 2 marks for application in the first sentence by correctly calculating the increase in world exports of the period shown in Figure 1. Two reasons were identified in the following two paragraphs with the second reason on technological advancements including some further explanation.

Consequently this answer scored full marks (5/5).



It is useful to include a simple calculation (as was done in this answer) to show the significance of the increase in world exports. (a) With reference to Figure 1, outline **two** reasons for the trend in world exports over the period shown.

One explanation for one brend shown is the increase in globalisation. Since 1990 it has been calculated that would brade has hipled as a result of global economic integration. Globalisation, has increased exports as they have been made more accessable and cheap, due to the reduction in banspartation costs per example. Another thend which can be identified is the 2008 phancial crisis shawn in piquine I where dip? decreased from around 280 to just below 250. At this time the level of trade decreased as well as productivity resulting in lower export volumes.



This answer began well by explaining that world exports had tripled and then identifying the fall in transport costs as a reason. However, the rest of the answer was not related to the upward trend in exports over the period shown. Therefore, this answer score 3/5 marks.



(5)

Question 5 (b)

This question was answered quite well with most candidates able to identify two reasons why foreign direct investment (FDI) flows to developing countries exceeded FDI flows to developed economies with some explanation. As with question 4(b), the main weakness was inadequate analysis of the points identified.

(8)

(b) With reference to Figure 3, analyse two possible reasons why, in 2012, FDI flows to developing countries were 'exceeding flows to developed economies for the first time ever'. (Extract 2, lines 2–3)

In 2012, the & FOI inflows into developing countries was 52-1. and the indeveloped countries it was only 41-5% One reason for his may have been due to Japon costs in developing economies such as Bangladesh. Here, Mis access cheap labour cash, hus in ginny h more of an incentive to invest in developing Countries ramer mon developed. Inopher reason as to use dought has increased in developing countries such as Zanbill is because of meir access to raw materials. China chooses to Invest in zambia as it has vast quantities of copper, which is essential in chinese manyaching. This would make Foreign direct investors more included to job invest in developmy compiles rather non developed commes



This answer began well by making reference to the data and then identifying a possible reason why FDI flows to developing countries were greater than those to developed economies, namely low labour costs. However, there was no further explanation of the significance of this factor. In the second paragraph, a second reason was identified (access to raw materials) with some explanation. Consequently, this answer scored 5/8 marks with insufficient analysis being the primary reason why no more marks could be accessed.



In these 8 mark questions, 4 marks are available for analysis so it is important to go beyond the simple identification of a reason and to include some chains of reasoning.

better raw waterraly (b) With reference to Figure 3, analyse two possible reasons why, in 2012, FDI flows to developing countries were 'exceeding flows to developed economies for the first time ever'. (Extract 2, lines 2–3)

lower LOP

(8)

Figure 3 shows how in 2012, FD) flows into developing nation was the first year in which they enceeded flows to developed, with developing nation owning around 52% of the peneutage share of FOI flows, Whilst developed economies possering only 41.5%. One reason for why this may have occured couce the are to the lower with of production tract TWG can yreid in more developing nation. Unally, there in lower labour costs, as well an afferration alorences of very smagent bearn and safety signed tois in the developing word, for example Bangladech. Free There lower nostr roquel mean that FDI flows Wall be someutrated in developing ration, due to the fait that higher profits could be able to be made by the the TNC, due to fewer wer to abide by.

Another recinon wind be boat the reveal of new that that the are unurrently intouched in developing nations, that developed ones don't have Hus acting as a catulyst for FD. Inch resonnes would be oil revenin Nigena, or road runes in Angola, all over of ath Whith is globally domainded,

and have righ price, yet developed nations do not posses on much of (or their reserves are decemp). Such a front decline the FDI so flows to the EV of "two hinds of the global to) decline" could support this due to the lack of natural resources that such EU countries ponen in convenien to other regions of the road.

Results Plus

This answer began well with appropriate reference to the data in Figure 3. In the following two paragraphs, two reasons are identified and explained fully with each paragraph worth 3 marks. Consequently, this answer scored maximum marks (8/8).



It is good practice to establish the facts by reference to the data at the beginning of the answer before analysing the reasons for the change in FDI flows. This answer provides such a structure.

Question 5 (c)

Most candidates were able to identify at least one way by which a country could attract foreign direct investment and include some evaluation but only the more able included reference to examples and reasoned evaluation.

(c) With reference to the data and your own knowledge, examine ways by which a country might try to attract investment from a transnational company (TNC). (10) One way in which a country might try to attract investment. from a TNC is by improving the productivity of the population. A more skilled workforce decreases costs therefore increasing efficiency and productivity. Countries might dernis by investing in their people as extract I says. According to the extract "they targeted education and health" and Improvements in education gives rise to improve labour skills and encourse goo innovation. These factors increase productivity which attracts Trvc's because costs will be improved (decreased). Investing in health also makes the workforce more efficient because they won't be losing as many

days of work from bring ill.

Another Way in which a country might my to attract investment from TNC'S IS **by** by Investing in infrastructure. Extract 1 says countries 'prioritised infrastructure'. Improved in prastructure creates roads and networks which firstly improves the geographical mobility of Iabour and secondly allows goods to be transported easier. The development of ports and docks eases exporting thus attracting TNC's.

Countries may my to altra uTNC's by improving and investing in tourism. Toldione while attack the Oreceptan howards legit a prace the agin a particle of the proposes are are attack attack meeting in tourism will Lead to more visitors whe have money for abroad. TNCs will be

arracted especially TNC's such as hotels.



This answer included some references from the extract and identified two relevant ways by which a country could attract FDI. However, there was no evaluation which meant that 4 of the 10 marks could not be accessed. Consequently, this answer scored 6/10 marks.



The command word 'examine' implies evaluation so it is important to include evaluative comments when this word appears in a question. (c) With reference to the data and your own knowledge, examine ways by which a country might try to attract investment from a transnational company (TNC).

One way a country might try to attract investment from TNC's would be an improvement in inprashulue This would mean the impresement in road networky and communication links such as phone lines, mosule phenes and internet availability. Impring Unprastructure can cause country to be more attractive to Thic's as they have the saures around able to set up their business and production with ease. Improvement in road networks can make TNC's morelikely to set up production in country. However in many developed country such a Gemany and France and up energing economics such as China, ingrashikure has aiready have a lot of investment. Extract one states emerging markets have promised uprahucture. It may be difficult to improve the infranchice further ton or invest more money into it meaning the pacitive effect on making the country more attractive to INC's may not be as significant. Another way a country might try to attract & TNG's is through investment in education. Extract States emerging markets such as Brazide, India and China "turgetted education". Increased inverteent in education cuild make an emerging errom

| Such as India have a more educated and highly |
|---|
| sulled vorgene meaning increased productinty |
| Increased productioning would cause more TNC's |
| to entir the countrie due to being more |
| attradure. |
| However many energing no economic such as |
| Brenzil may not have the funde to increase the |
| Investment in education by alarge amount. |
| If the magnitude of the investment is only |
| Small then the effect night not be as right und |
| on the population and uneverse meaning the |
| econo countrie attractiveness not increasing by |
| a Large aneurt. |



\prec Examiner Comments

The first paragraph identified improvements in infrastructure as a means of attracting FDI with some explanation and some limited evaluation. There was also reference to particular countries.

This was followed by a consideration of investment in education with relevant examples but little by way of analysis. The last paragraph included relevant evaluation of this issue. Overall, this answer scored 8/10 with 1 mark being lost for analysis and 1 mark lost for evaluation.



Analysis of the infrastructure issue could have been improved by considering the impact on costs of production.

Question 5 (d)

This was a relatively straightforward and open-ended question which invited candidates to consider reasons why absolute poverty has been reduced in developing countries and many scored quite highly. Although there was plenty of information in Extract 1 to help candidates, many failed to make sufficient use of this and as a result failed to access all the marks available. Another issue was that the reasons identified needed to be linked to a reduction in absolute poverty which some candidates failed to do.

*(d) Assess the factors, apart from FDI, which have contributed to a reduction in absolute poverty in developing countries. Refer to Extract 1 in your answer. (12)Ciprentant that cannot have contropated Absorute purery is the proportion of the population easing Unng off less than \$1.25 a day and without basic needs. One controlising factor in reducing it could be the increased inrestment in education in developing economius. Extract 1 skitu developing economiu "targetted education". Increased work education means a higher proportion of the population is able to apply kr higher skilled jobs with higher & uage opportunities. This would increase the 'household' inceme unthin these countries forcing people out of the \$1.25 a day unng rate. However this may reduce abscrute povery but It may only push people and of absorbed poverty but stul in relative piverty. Relative poverty is the proportion of the population using on or below the soi medicin inenome. Abscrute pirerty may decrease but it may cause relative to increase. Another forder cauld be the investment in healthcare (extract 1, "targetted ... healthcare" "Increased healthcare means more treatment for the perentage

Of the population who are ill, maybe with

| HIV/ards and can may be make them well enough |
|---|
| to be able to use / love for employment. |
| Improved healthcare could increase incentives to |
| une come enough income to be earphane more |
| |
| than \$1.25 a day pusing them out of absorbed |
| However the investment in healthcare may not be |
| a large amount due to lack of punous from the |
| acreloping country's generments. If the ancunt of |
| money unlited is only small then the imprired |
| health cure may not bee reach a carge proportion |
| of the population meaning versione many are |
| still unorble to work and little still unng uff |
| \$1.25 a day. |

Results Plus Examiner Comments

This answer scored full marks for knowledge and analysis with a consideration of increased investment of education and investment in healthcare. Evaluation, however, was less strong with just 1 mark for the evaluation of the education issue and 2 marks for evaluation of the healthcare issue. There was also only one reference to the extract which was repeated for both issues. Overall, this answer scored 9/12 marks.

Since there are 5 marks available for evaluation in the 12 mark questions, it is important to include fully reasoned evaluative comments to access these marks.

*(d) Assess the factors, apart from FDI, which have contributed to a reduction in absolute poverty in developing countries. Refer to Extract 1 in your answer.

(12)

As stated by eachract + prioribised infrestancture is needed to reduce absolute partering as healthcare is needed So that workers can earn money get themselves and of Absolute paverty is where person does not have the sufficient basic goods Acede and services reeded for Swrvival, A method to reduce absolute pavery is to prioritised infrastructure" as stated by exhaut one with aut the basic healthcare many people Can not work and therefore are stuck i powerty trap. However this IN. costs money and some developing & countres government do not have the resources Another method to reduce absolute paventy is aid. This cauld be in the form of from a charity such as regam ar another gavernment. and can be used to fill the Sarrings gap which prevents many people

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Ceaving absolute parcents. However some developing have corruption and so all Cantries: might not be put to good use. Monle difficult to de absolute parenty Making To difficult to the most importer <u>í</u>s factor

Results Plus

This was a brief answer which identified two factors responsible for the reduction in absolute poverty (improvements in infrastructure and aid) and included two brief evaluative comments. However, the analysis and evaluation was very limited and there was only one data reference. As a result, this answer scored 6/12 marks.



A 12 mark question requires much greater depth of analysis and evaluation than is evident in this answer. Careful time management is required to ensure that candidates produce a sufficient and detailed response in the time given.

Question 5 (e)

This proved to be a challenging question for many candidates despite the fact that there was a significant amount of relevant information provided in the last paragraph of Extract 3 which suggested that there were many factors which might have caused the fall in wages as a proportion of GDP including technological progress, the entry of labour-abundant economies into the global economy and the weakening of trade union power. Only the best candidates were able to consider the significance of globalisation and other factors in explaining this trend in wages as a proportion of GDP.

*(e) 'Globalisation is solely responsible for the trend in the share of wages as a proportion of GDP.' To what extent do you agree with this statement? Use the information provided and your own knowledge in your answer. (15)Extract 3 states that Globalisation is a cause for the trand fall in the share of wages as a proportion of GDP. This may be because firms are able to produce their goods in countries where they there are IOW labour cost to reduce their costs of production. This is possible as a result of globalization enabling courries to be interdependent. This therefore suggests that globalisation is solely responsible for the trend ball in the share of wage. as a poportion of GDP. at However, the extract also states that the increased pressure on firms to increase Prositis could be the to cause of the trend. This would mean that whilst Firms' OUL PUL Would be hising and therefore GDP would by hising, in order to increase profity fims keep wages at the same rate, or even reduce them in order to

keep hard of the pofit they can. This therefore suggests that globalisation is not the sole factor of this mond.

Additionally, the extract states that the hend is influenced by rechnological progress again suggesting there globalisation is not the Sole cause, This is because technological advances means that in some cases, labour can be replaced by machines, meaning that output is increased, or at least maintained, bot meaning GDP is increasing at the same level as the machines do not get paid wages.

However, technological advances can be as a result OF globalization due to the development of developing connie. This could therefore be argued that globalization is the sole cause as it causes the other causes of -Mis hrend.

| However, I would argue that the |
|------------------------------------|
| decreasing trade Union density is |
| the main cause per this Frend |
| as labourers have less powly to |
| Inpuence the simo their wage. |
| This therefore means that they |
| will accept the trend whereas it |
| they had more members men |
| they could potest, causing their |
| wager to increase at a higher |
| rate their is more proportional to |
| the horeage in GDP. |



This answer begins by considering why globalisation might be responsible for the fall in wages as a proportion of GDP. This first paragraph was regarded as evaluation because the remainder of the answer examines other factors that could be responsible for this phenomenon. The three factors credited for knowledge, application and analysis (KAA) were the pressure on firms to increase profits, technological progress and the decrease in trade union density. Evaluation marks were gained for the first paragraph and the evaluation of technological progress. Overall this answer scored 7 marks for KAA and 3 for evaluation.



Questions such as this one enable candidates to take either view for KAA marks and then they can use the reverse arguments for evaluation. *(e) 'Globalisation is solely responsible for the trend in the share of wages as a proportion of GDP.'

To what extent do you agree with this statement? Use the information provided and your own knowledge in your answer.

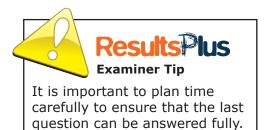
(15)do not believe this to be true 0.5 Γ. that large population believe growth places such as Mexico, Endonesia in as significant and 45 population growth increases the thus drives down labour and Nigeria's population growth wages 2-5% in 2013 *hich* over that are more and more people labour ८०८ girms. However it is globalisation that allows to take advantage of these Sicms (labour - a bund ant economies (Extract 3). Due s to lower costs the transperi abroad because production globolisation •1 power this has decreased have to demand a higher wage workers Therespre trade unions hold less çims can power very from abroad For examp hine there over 30 million new

in China each year that are looking for employment. With over 25% of girms globally saying they would like to outsource to China there is very little labour else where can do. I also believe that due to the global ginancial crisis girms across the world have seen their projits fall. In order to maintain their progit margin it has been labour that has been squeezed and payed burer than the gain in productivity. So purhaps the global recession is partly responsible. An However it could be said that it was globalisation that meant that many economies were effected by the crisis and therefore it was abbalisation that hurt labour across the world. Most importantly I believe that capital (Machinery and technology) is becoming for more important than labour As capital investment is a girms top priority the demand for labour

shrunk in Comparison Die to (all in labour mand the Nay uch as Sort 25 G the this TY <u>ک</u>ا MOr than globalisa tion at least important 05 that ;} COU contributing 600 proportion مع



This answer argued that globalisation is not the most important factor responsible for the falling share of wages as a proportion of GDP. This first point relating to large population growth is explained well and then evaluated convincingly. The second point relating to the financial crisis was not explained or evaluated so well but was worthy of some credit. The final point relating to the use of capital was explained well but was not evaluated. Overall, this answer scored 8 for knowledge, application and analysis and 4 for evaluation.



Paper Summary

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

- To develop sufficient confidence in their understanding of the concepts to be able to apply them in unfamiliar contexts.
- To ensure that key concepts are understood and can be defined accurately. In particular, there was some confusion in question 1(b) about the meaning of the term 'productivity', and in question 2(a) about the term 'national debt'.
- To ensure that they have a clear understanding of how to interpret numerical and graphical data. In particular, the reading of the bar charts in question 4 and the interpretation of index numbers in question 5(a) were weak. Given that data is frequently represented in these forms, students should ensure that they understand how to interpret them accurately.
- Read questions very carefully to ensure that they are interpreted correctly and that all elements of the questions are addressed. For example, question 4(c) related to the case for policies to stimulate manufacturing rather than the policies themselves.
- To secure a knowledge and understanding of current economic issues so that answers can be enhanced in the context of such information. Candidates who were able to demonstrate such understanding were able to offer more informed answers than those who simply wrote generic responses.
- To plan time carefully to ensure that all questions can be answered fully.
- To ensure that handwriting is legible. Marks may well be lost if the examiner is unable to read the answer.

Grade Boundaries

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





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