

## **GCE**

# **Economics**

Unit **F585**: The Global Economy

Advanced GCE

Mark Scheme for June 2015

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All examiners are instructed that alternative correct answers and unexpected approaches in candidates' scripts must be given marks that fairly reflect the relevant knowledge and skills demonstrated.

Mark schemes should be read in conjunction with the published question papers and the report on the examination.

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### **Annotations**

Please annotate **every** response, even if no credit is given.

Annotation	Meaning
?	Unclear
BOD	Benefit of Doubt
×	Cross
EE	Effective evaluation
ND	No development
LI	Level 1
L2	Level 2
L3	Level 3
L4	Level 4
NAQ	Not answered question
SEEN	Noted but no credit given
TV	Too vague
	Tick
<b>✓</b> +	Development of point

**Highlighting** is also available to highlight any particular points on the script.

'SEEN' to be inserted on every blank page

#### **Subject-specific Marking Instructions**

Some questions may have a 'Level of Response' mark scheme.

The following guidelines on the quality of written communication are embedded into the Levels of Response mark scheme used for question 3:

- **Level 4:** Complex ideas have been expressed clearly and fluently using a style of writing which is appropriate to the complex subject matter. Sentences and paragraphs, consistently relevant, have been well structured, using appropriate technical terminology. There may be few, if any, errors of spelling, punctuation and grammar.
- **Level 3:** Relatively straightforward ideas have been expressed with some clarity and fluency. Arguments are generally relevant, though may stray from the point of the question. There will be some errors of spelling, punctuation and grammar, but these are unlikely to be intrusive or obscure meaning.
- **Level 2:** Some simple ideas have been expressed in an appropriate context. There are likely to be some errors of spelling, punctuation and grammar of which some may be noticeable and intrusive.
- Level 1: Some simple ideas have been expressed. There will be some errors of spelling, punctuation and grammar

Question	n Answer/Indicative content		Guidance	
1 a i	Other than recovery, name two stages of the economic cycle.  Stages of the economic cycle  boom slowdown/downturn recession/slump/bust/depression	2	One mark for each stage of the economic cycle  Use green ticks for each mark awarded  Maximum two marks	
ii	<ul> <li>State and explain the likely impact of an economic recovery on unemployment.</li> <li>Award one mark for the <i>impact</i> and one mark for the <i>explanation</i>: <ul> <li>unemployment may fall (one mark) because as output/GDP/AD rises there is an increased demand/need for labour (one mark)</li> <li>there may be no effect on the level of unemployment (one mark) because business confidence may be fragile / low so firms respond to increased output/GDP/AD by using existing resources more intensively (one mark)</li> <li>unemployment might rise (one mark) because during an economic recovery there may still be firms going out of business / rationalisation despite an increase in output/GDP/AD (one mark)</li> <li>there may be no effect on the level of unemployment (one mark) because firms may have hoarded labour during the recession they may be able to raise output in the recovery phase without employing new labour (one mark)</li> </ul> </li></ul>	2	There are three valid impact of an economic recovery on unemployment:  unemployment may fall unemployment may rise there may be no effect on unemployment  Award one mark for any of these impacts and a further mark for an explanation.  Use green ticks for each mark awarded  Maximum two marks	

b Using a diagram, analyse how a rise in long term unemployment might impact on the future potential output of the UK economy.	6	
Award two marks for diagram as follows:  • one mark for leftward shift of LRAS/AS (one mark)  • clearly showing impact on potential output e.g. Yfc1 to Yfc2 as on diagrams opposite (one mark)  Award one mark for a statement of the impact on future potential output  • future potential output could be reduced (one mark)  Award up to three further marks for an explanation of the impact on future potential output  • the economy's LRAS/AS shifts left (one mark)  • as a result of long-term unemployment, people lose skills (one mark)  • this creates a hysteresis effect as people find it harder to find employment/become unemployable/trapped in unemployment (one mark)  • this reduces the economy's human capital (one mark)  • this reduces the quality/productivity of the labour force (one mark)  • as a result of unemployment people lose the motivation to seek work (one mark)  • this creates a hysteresis effect as people find it harder to find employment (one mark)  • this creates the quantity of the labour force.(one mark)  • this reduces the quantity of the labour force.(one mark)	0	Accept either of the diagrams below  Price level  LRAS <sub>2</sub> LRAS <sub>1</sub> Yfc <sub>2</sub> Yfc <sub>1</sub> Real GDP  Price level LRAS <sub>2</sub> LRAS <sub>1</sub> Yfc <sub>2</sub> Yfc <sub>1</sub> Real GDP  Use green ticks for each mark awarded Both curves must be labelled either LRAS or AS  Maximum six marks

Question	Answer/Indicative Content	Marks		Guidance
			Content	Levels of response
C	Comment on the effectiveness of increasing tax allowances on investment and cutting corporation tax in increasing the international competitiveness of the UK economy  Commentary on effectiveness of the two policies in increasing international competitiveness may include:  increases in cost and price competitiveness alone may be insufficient (basic L4) – a lack of international competitiveness can be caused by non-price factors including product quality, design and reliability (developed L4), factors which might be more important in oligopolistic markets where there is likely to be a high degree of non-price competition (developed L4)  investment may be determined by other factors such as business confidence (basic L4) – a reduction in corporation tax may enable firms to increase investment but they may be unwilling to increase investment if AD is not expected to rise (developed L4) as a result of recession / increase in interest rates (developed L4)  Analysis of how higher tax allowances and reduced corporation tax may increase international competitiveness may include:  investment in human/physical capital will increase productivity (basic analysis) – increased output per unit of labour/capital which will reduce unit (labour costs) enabling firms to reduce prices and increase the price competitiveness of their goods and services in international markets (good analysis)  investment in human/physical capital will shift the AS curve to the right (basic analysis), which will reduce the price level and increase the price competitiveness of UK goods and services in international markets (good analysis)  investment in the form of R&D will increase product innovation (basic analysis), so that UK firms are better able to compete in international markets by supplying goods and services that meet consumers' needs and are of a higher quality (good analysis)	10	In Level 4 award marks as follows:  • one stated comment = seven marks  • two or more stated comments = eight marks  • one developed comment = nine marks  • two developed comments or one comment with two points of development = ten marks  Also accept in L4  • An increase in tax allowances may be less effective if combined with a reduction in corporation tax (basic L4). This is because the higher tax allowances create less of an incentive to increase investment (developed L4). This is because the benefit of tax relief on investment is lower if the tax on profit itself is lower (developed L4).	For a commentary on the effectiveness of increasing tax allowances on investment and cutting corporation tax in increasing the international competitiveness of the UK economy  NB If only one policy correctly analysed and commented upon then cap at 9  Annotate using in LHS margin  Show development with  Level 3: (4 – 6 marks)  For an analysis of how increasing tax allowances on investment and cutting corporation tax may increase the international competitiveness of the UK economy  NB If only one policy correctly analysed cap at 5

Question	Question Answer/Indicative Content			Guidance	
			Content	Levels of response	
	<ul> <li>Application of knowledge and understanding of how higher tax allowances on investment and reduced corporation tax may increase international competitiveness may include:         <ul> <li>higher tax allowances on investment create an incentive for firms to increase investment (in order to reduce their tax liability)</li> <li>reduced corporation tax means firms are more able to finance investment as they retain more of their profits</li> <li>investment tax allowances and reduced corporation tax make it less likely that investment is reduced by higher interest rates</li> </ul> </li> </ul>			Annotate using in LHS margin	
	<ul> <li>(lowers the interest elasticity of investment)</li> <li>Knowledge and understanding of international competitiveness</li> <li>international competitiveness is the ability of an economy's firms to compete in international markets and, thereby, sustain increases in national output and income</li> </ul>			Level 2: (2 – 3 marks) For an application of how increasing tax allowances on investment and cutting corporation tax may increase the international competitiveness of the UK economy  Annotate using in LHS margin	
				Level 1: (1 mark) For knowledge and understanding of international competitiveness  Annotate using in LHS margin	

Que	estio	n	Answer/Indicative content	Mark	Guidance
2	а		Using an example with which you are familiar, compare the level of	4	
			economic integration between the European Union and one other regionally integrated area.		Use green ticks of for each mark awarded
					Maximum four marks in total
			One mark for knowledge of one other regionally integrated area		
			North American Free Trade Area (NAFTA)  According of South and Asian Nations (ASEAN)		
			<ul><li>Association of Southeast Asian Nations (ASEAN)</li><li>Mercosur</li></ul>		Accept common external "barriers" or "policy" in place
			Caricom		of common external tariff
			Tripartite Free Trade Area (TFTA)		of common external tariii
			Commonwealth of Independent States Free Trade Area (CISFTA)		
			Eurasian Economic Community (EAEC)		
			Central American Integration System (SICA)		
			Somal American mogration System (S1674)		
			One mark for a statement about the difference in the level of economic integration		
			level of economic integration in the EU is higher / similar		
			Two further marks for developed comparison		
			EU has free movement of goods and services as do TFTA / Caricom /     CISTEA / EAEC / SICA but ASEAN and NATTA bays examplings on free		
			CISTFA / EAEC / SICA, but ASEAN and NAFTA have exemptions on free trade for some goods and services (for NAFTA = agricultural goods)		
			<ul> <li>EU has a common external tariff as do Mercosur / Caricom / EAEC / SICA,</li> </ul>		
			whereas NAFTA / ASEAN / TFTA / CISFTA do not		
			EU has free movement of labour as does Caricom / EAEC, whereas NAFTA /		
			ASEAN / TFTA / CISFTA do not and Mercosur / SICA is moving towards free		
			movement		
			• EU has free movement of capital as does NAFTA / Caricom / EAEC, whereas		
			ASEAN / TFTA / CISFTA do not and Mercosur / SICA is moving towards free		
			movement		
			EU has common policies as does EAEC, whereas NAFTA / ASEAN / TFTA / CONTROL   CON		
			CISFTA / SICA do not and Mercosur / Caricom are moving towards co-		
			<ul> <li>ordinating / harmonising some policies</li> <li>some members of the EU share a common currency / monetary policy as do</li> </ul>		
			<ul> <li>some members of the EU share a common currency / monetary policy as do some members of Caricom, whereas NAFTA / ASEAN / Mercosur / TFTA /</li> </ul>		
			CISFTA / EAEC / SICA do not		

Question	Answer/Indicative content	Mark	Guidance
b	Analyse the trade creation and trade diversion effects of a customs union.  One mark for knowledge and understanding of a customs union  an agreement between two or more countries to abolish tariffs on trade and to place a common external tariff on trade with non-members (one mark)  Up to three marks for application and analysis of trade creation  trade creation occurs when a customs union results in high-cost domestic production being replaced by imports from a more efficient source within the customs union (one mark)  trade creation arises because the removal of tariffs on trade between members of the customs union reduces the price at which goods and services can be traded within the customs union (one mark), leading to a reduction in domestic production in some countries and increased trade with members of the customs union.(one mark)  Up to three marks for application and analysis of trade diversion  trade diversion occurs when a customs union results in trade switching from a low-cost supplier outside the customs union to a less efficient source within the customs union (one mark)  trade diversion arises because prices of goods and services from outside the customs union will be higher than those within the customs union (one mark) leading to greater trade with members of the customs union and less trade with non-members (one mark)  trade diversion reduces employment in countries outside the customs union (one mark)  trade diversion reduces employment in countries outside the customs union (one mark)  trade diversion reduces union (one mark)  characterior in tariff revenue (one mark)  ereduction in tariff revenue (one mark)  reduction in PS and reduction in tariff revenue (one mark)  reduction in domestic employment (one mark)	6	Where candidates make use of a diagram, this can be rewarded with up to two application marks.  Explanation of a diagram can be awarded up to 2 further marks for analysis  Trade creation (pure)  Price  Sd  Quantity  Award 1 mark for this diagram if accurate and fully labelled  Award 2 further marks for explanation of this diagram:  Before formation of a CU, price is Pd and quantity Qd (ie domestic production only)  After formation of a CU, tariff is removed so price falls from Pd to Pcu  There is an increase in consumer surplus (this might also be shown on the diagram = area 1)  There is an increase in economic welfare / allocative efficiency (this might also be shown on the diagram = area 2+3)

Question	Answer/Indicative content	Mark	Guidance
Question	Answer/Indicative content  DO NOT ACCEPT THE IDEA THAT TRADE DIVERSION INCREASES PRICES IN THE CU	Mark	Trade creation and diversion (also accept as trade diversion)  Price  Ded  Sed  Prow+t  1 2 3 4 Prow+t  1 2 3 Prow  Award 2 marks if this diagram is used in addition to a TC diagram Award 2 marks if this diagram is used on its own Award 2 further marks for explanation of this diagram which might include:  Before formation of a CU, price is Prow + t and imports Q1Q2  After formation of a CU, tariff on CU trade is removed so price falls to Pcu and CET keeps ROW price at Prow + t  There is an increase in trade from Q1Q2 to Q3Q4  Domestic production of Q3 is reduced to Q4 and replaced with trade with CU (trade creation = Q3Q1 + Q2Q4)  Imports of Q1Q2 from ROW are placed by trade with CU (trade diversion = Q1Q2)  There is an increase in consumer surplus (this might also be shown on the diagram = area 1+2+3+4)  There is a loss of tariff revenue (this might also be shown in the diagram = area 3+5)  There is an increase in economic welfare / allocative efficiency (this might also be shown on the diagram = area 2 + 4 - 5)
			Use green ticks of for each mark awarded

Question	Answer/Indicative Content	Marks	Guidance			
			Content	Levels of response		
C	Comment on the extent to which the theory of comparative advantage explains the patterns of global trade in Figs. 4.2, 4.3 and 4.4  Commentary on extent to which the theory of CA explains the patterns of global trade:  • trade between developed economies remains significant, but developed economies are likely to have similar relative opportunity costs and factor endowments  • intra-regional trade may reflect transport costs which cancel out differences in opportunity cost or regional integration (e.g. (EU))  • intra-industry trade reflects market structure and product differentiation rather than relative opportunity costs  • comparative advantage is difficult to measure  • changing patterns of trade may be due to changes in absolute advantage caused by development  Analysis of how CA explains patterns of global trade:  • increased trade between developed and developing countries might reflect changing comparative advantage as high wage economies have lost CA in labour intensive manufacturing  • economic development has changed comparative advantage of developing economies  • high percentage of trade between regions suggests regions have different factor endowments  Application of the patterns of global trade from Figs:  • % of world trade accounted for by trade between developed economies has fallen, between developed and developing countries has risen  • with exception of Asia, most trade is inter-regional although there are high levels of intra regional trade in North America and the EU  • there are high levels of intra-industry trade in the economies shown in Fig. 4.4 with the exception of the two African economies Knowledge of comparative advantage:  • where one country produces a good or service at a lower relative	10	In Level 4 award marks as follows:  • one stated comment = seven marks • two or more stated comments = eight marks • one developed comment = nine marks • two developed comments or one comment with two points of development = ten marks	Level 4: (7 – 10 marks)  For a commentary on the extent to which the theory of comparative advantage explains the patterns of global trade in Figs.  Annotate using in LHS margin  Show development with  Level 3: (4 – 6 marks)  For an analysis of how comparative advantage may or may not explain the patterns of global trade in Figs. 4.2, 4.3 and 4.4  Annotate using in LHS margin  L3 can be awarded for analysis of why CA does not explain the pattern of trade  Level 2: (2 – 3 marks)  For an application of the patterns of global trade in Figs. 4.2, 4.3 and 4.4  Annotate using in LHS margin  If use of figures, but no explanation why, keep in L2  Level 1: (1 mark)  For knowledge and understanding of comparative advantage		

Question	Answer/Indicative Content	Marks	Gu	idance
			Content	Levels of response
3 3	Discuss the view that the impact of globalisation on developing economies is largely beneficial.  Judgements on the extent to which globalisation is largely beneficial to developing economies might include  least developed economies are unlikely to find that globalisation is largely beneficial as the structure of their economies is more likely to be dominated by primary sector production  developing economies that have a comparative advantage in the manufacturing sector are more likely to benefit from globalisation  developing economies are more likely to benefit from globalisation if there is investment in human capital in order to ensure that more people are able to benefit from economic growth and that income inequalities do not rise  in order to benefit from globalisation, there may need to be more done to open up markets in developing economies (particularly in agriculture)  developing economies/governments which manage globalisation are more likely to experience benefits e.g. China  Discussion of whether globalisation is beneficial for developing economies could include	Marks 20		Level 4 Band 3: (18 – 20 marks) For a discussion of whether globalisation is beneficial for developing economies supported by good analysis of benefits and costs and including a judgement on the extent to which it is largely beneficial  Annotate using in LHS margin  Level 4 Band 2: (15 – 17 marks) For a discussion of whether globalisation is beneficial for developing economies supported by good analysis of benefits and costs
	greater trade creates losers as well as winners and developing economies may not be able to compete in global markets (Band 1) particularly because of infant industries which lack economies of scale and therefore LRAC is higher than in more developed economies (Band 2)			Level 4 Band 1: (11 – 14 marks) For a discussion of whether globalisation is beneficial for developing economies supported by basic analysis of benefits and
				COSTS  L4  Annotate using in LHS margin

Question	Answer/Indicative Content	Marks	Gı	iidance
			Content	Levels of response
	<ul> <li>developing economies have comparative advantage in primary products which are low value (Band 1), and could cause a development 'trap' if there are declining terms of trade (Band 2)</li> <li>globalisation exposes developing economies to external economic shocks because of their greater integration into the global economy (Band 1), which may result in volatility of export revenue (particularly in the case of primary products which have price inelastic supply) and low AD in the case of a global recession (Band 2)</li> <li>gains in employment from greater FDI may be small (Band 1), particularly if FDI is capital intensive or there are small multiplier effects where multinationals do not develop supply chains within developing economies or where profits are repatriated resulting in a smaller increase in GNP than GDP (Band 2)</li> <li>gains from FDI may be temporary as MNCs are footloose (Band 1), so as rising GDP per capita eventually results in higher wage rates MNCs may seek out a lower cost base for production leading to capital outflows and reduced AD (Band 2)</li> <li>FDI may result in environmental degradation which creates negative externalities or resource depletion (Band 1), with the result that there is increased market failure as a result of</li> </ul>		Content	Levels of response
	<ul> <li>MSC &gt; MPC and unsustainable growth as the long run growth potential is reduced (Band 2)</li> <li>whilst trade, FDI and greater capital flows may generate higher levels of GDP and GDP per capita it may also increase income inequalities as economic activity is concentrated in urban areas (Band 1), where the supply of</li> </ul>			
	educated in urban areas (Band 1), where the supply of educated labour is inelastic raising wage rates above those in rural areas creating rural-urban migration which may damage agricultural development and leading to a rise in informal sector employment (Band 2)			

Question	Answer/Indicative Content	Marks	Guidance	
			Content	Levels of response
	<ul> <li>increased capital flows may create instability for developing economies as well as benefits (Band 1), both when capital inflows create inflationary pressures in economies which lack productive capacity and when capital flight results in the need to raise interest rates to prevent currency depreciation both of which will tend to depress investment by small domestic firms (Band 2)</li> </ul>			
	Analysis of the benefits of globalisation for developing economies could include		Basic analysis should be awarded 5 – 7 marks	Level 3: (5 – 10 marks) For an analysis of the benefits of
	<ul> <li>greater trade and access to global markets could raise exports (basic analysis), AD and real GDP / economic growth which would increase real GDP per capita / living standards / HDI and growth and development would not be constrained by a small and low income domestic market (good analysis)</li> <li>trade allows a developing economy to specialise according to its comparative advantage (basic analysis), improving resource allocation/consume outside its PPC/ shift AS to the right/import capital goods raising GDP (good analysis)</li> <li>trade reduces domestic prices (basic analysis), as a result of increased supply and competition which increases consumer surplus and increases access to basic life-sustaining goods (good analysis)</li> <li>increased competition from international trade will improve the supply side of developing economies (basic analysis) by encouraging greater productive efficiency through innovation and R&amp;D to raise demand for their exports and greater labour productivity to reduce unit labour costs which will increase long-run economic growth (good analysis)</li> <li>FDI results in higher AD/AS (basic analysis), raising real GDP/economic growth/employment/improved BoP current account (good analysis)</li> </ul>		Good analysis should be awarded 8 – 10 marks	globalisation for developing economies  Annotate using in LHS margin  The following can be seen as the beginning of analysis:  • greater trade and access to global markets could raise exports  • trade allows a developing economy to specialise according to its comparative advantage  • trade reduces domestic prices  • FDI results in higher AD/AS  • FDI improves BoP financial account  • FDI plugs the savings gap caused by a low level of domestic savings  • FDI may facilitate structural change and reduce the dependence on primary sector  • labour migration may increase employment opportunities abroad

Question	Answer/Indicative Content	Marks	Guidance		
				Content	Levels of response
	•	FDI improves BoP financial account (basic analysis), resulting in the ability to sustain current account deficits without experiencing currency depreciation (good analysis) FDI plugs the savings gap caused by a low level of domestic savings (basic analysis), which constrains investment and economic growth and development because of high capital-output ratios in developing economies (good analysis) FDI may facilitate structural change and reduce the dependence on primary sector (basic analysis), where value added is low and may therefore increase incomes as labour moves from the primary to the secondary sector (good analysis) labour migration may increase employment opportunities abroad (basic analysis), which could lead to remittances and a reduction in poverty (good analysis) trade and FDI may generate higher tax revenue from increased employment, profits and expenditure resulting from higher real GDP (basic analysis), which will allow governments to increase expenditure on education, health and social welfare which contributes to higher levels of development through reduced poverty/inequality, increased life expectancy, greater economic opportunities reflected in higher HDI (good analysis) FDI may generate more employment(basic analysis), which will increase incomes leading to greater ability to buy life sustaining goods and services, thereby reducing poverty and increasing the standard of living (good analysis)			<ul> <li>trade and FDI may generate higher tax revenue from increased employment, profits and expenditure resulting from higher real GDP</li> <li>FDI may generate more employment</li> </ul>

Question Answer/Indicative Content	Marks	Guidance	
		Content	Levels of response
Application of knowledge and understanding of how globalisation might be beneficial for developing economies might include statements about  • greater trade in goods and services • greater transfer of financial capital • inward investment by foreign multinationals • technology transfers • higher GDP/economic growth/employment reduced poverty  Knowledge and understanding of developing economies might include their common characteristics: • low living standards • low levels of labour productivity • an economic structure dominated by primary sector production • a lack of power in international markets and dependence • a high degree of market failure		Level 2 responses are characterised by valid but generalised statements without a reasoned chain of argument and are not underpinned by economic concepts	Level 2: (3 – 4 marks)  For an application of knowledge and understanding of how globalisation might be beneficial for developing economies might include statements about  Annotate using in LHS margin  Level 1: (1 mark)  For knowledge and understanding of developing economies  Annotate using in LHS margin

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