

Mark Scheme (Standardisation) June 2010

GCE

GCE Economics (6EC04/01)



General Marking Guidance

- All candidates must receive the same treatment. Examiners must mark the first candidate in exactly the same way as they mark the last.
- Mark schemes should be applied positively. Candidates must be rewarded for what they have shown they can do rather than penalised for omissions.
- Examiners should mark according to the mark scheme not according to their perception of where the grade boundaries may lie.
- There is no ceiling on achievement. All marks on the mark scheme should be used appropriately.
- All the marks on the mark scheme are designed to be awarded. Examiners should always award full marks if deserved, i.e. if the answer matches the mark scheme. Examiners should also be prepared to award zero marks if the candidate's response is not worthy of credit according to the mark scheme.
- Where some judgement is required, mark schemes will provide the principles by which marks will be awarded and exemplification may be limited.
- When examiners are in doubt regarding the application of the mark scheme to a candidate's response, the team leader must be consulted.
- Crossed out work should be marked UNLESS the candidate has replaced it with an alternative response.

N.B. Quality of written communication (QWC) is assessed in both parts of the essays and should be assessed on the candidate's ability:

- To present an argument and conclude on the basis of that argument
- To organise information clearly and coherently
- To use economics vocabulary appropriately
- To use grammar, spelling and punctuation appropriately

Question Number	An	swer	Mark
1(a)		 Education Skills and training Experience/age Type of employment Ownership of assets Inheritance Pension rights 	
	(S <u>)</u>	 Prioritisation of factors Significance of each factor Level and quality of education e.g. degree, subject, class Pension rights e.g. final salary schemes Conclusion Conclusion Conclusion and in approach to destion 	(20)
Level	Mark	Descriptor	
Level 1	1-7	Identification of points which are largely irrelevant	
Level 2	8-10	consideration of one factor with one evaluative point or 2 points wino evaluation	
Level 3	11-14	consideration of 2 factors with one evaluative point or no evaluation	3 points with
Level 4	15-16	consideration of 3 factors with one evaluative point	
Level 5	17-20	consideration of 3 factors with at least two evaluative	points

Question	1	Answer	Mark
Number 1(b)		 Disincentive to work: could be analysed using income and substitution effects Tax revenues- use of Laffer curve analysis Tax evasion (illegal) Tax avoidance (legal) e.g. working fewer hours taking income in form of share option (CGT only 18%) Tax exiles - move to Switzerland Distribution of income - more even: analysis of progressive taxation Impact on AD and associated analysis Evaluation could include: Extent of disincentive effects of 50% tax rate Ease of avoiding 50% tax rate Number of people affected by new tax rate Extent of tax evasion Significance of impact on different sectors of the economy e.g. on financial services Impact on income distribution might be offset be other factors e.g. increasing unemployment (Synoptic elements: reference to concepts introduced in unit 2 e.g. fiscal policy; use of Economist's tool-kit in analysis and evaluation and in approach to question)	(30)
Level	Mark	Descriptor	
Level 1	1-11	Identification of points which are largely irrelevant	
Level 2	12-15	2 factors with one evaluative point or 3 factors with no	evaluation
Level 3	16-21	16-21 3 factors with one evaluative point or 4 factors with no evaluation	
Level 4	22-25		
Level 5	26-30	4 factors with three evaluative points	

Question		Answer	Mark
Number			
2(a)		 Price fluctuations - analysis of price inelasticity of demand and supply and impact of shifts in S & D Value added of primary products is very low Producer revenue fluctuations - implications for planning investment and output Fluctuations in foreign currency earnings - constraint on importing capital goods Income inelasticity of demand for primary products - Prebisch-Singer hypothesis: falling terms of trade In the case of soft commodities - problem of extreme weather events Protectionism by developed countries Impact on political stability Evaluative points could include:	
		 LEDCs may have comparative advantage in primary products Demand may be income elastic e.g. for gold 	
		 (Ghana); diamonds (Botswana); oil (Nigeria); Examples of countries which have grown and developed on basis on primary products Consideration of other constraints and growth and development Prioritisation of factors discussed. (Synoptic element: reference to price determination and elasticities (unit 1) and to use of Economist's tool-kit in	(20)
Level	Mark	analysis and evaluation and in approach to question) Descriptor	
Level 1	1-7	Identification of points which are largely irrelevant	
Level 2			r 2 points with
Level 3	11-14	evaluation	3 points with no
Level 4	15-16		
Level 5	17-20	consideration of 3 factors with at least two evaluative	points

Question	Answei	r	Mark
Number	Ct .	et en en et et trockerte	
2(b)	Strate	gies could include:	
	•	Industrialisation - Lewis model	
	•	Development of tourism	
	•	Outward-looking/market led policies e.g. trade	
		liberalisation; allowing currency to depreciate; opening up of capital markets; removal of domestic subsidies (this could	
		count as 2 strategies)	
	•	Increase savings rate (Harrod-Domar model)	
	•	Reduce red tape, making it easier for new firms to be	
		established	
	•	Increase property rights (Hernando de Soto)	
	•	Aid from developed countries	
	•	Debt cancellation	
	•	FDI	
	Fuelue	tion pould include:	
	Evalua	tion could include:	
	•	Industrialisation and tourism might result in increased inequality	
	•	External costs of industrialisation and/or tourism	
	•	Opportunity cost of industrialization e.g. availability of land	
		to grow food	
	•	Discussion of problems associated with market-led strategies	
		e.g. domestic producers may be unable to compete; higher	
		prices for basic necessities	
	•	Higher savings ratio is not a necessary condition for growth	
		and development. Savings gap could be filled by FDI or aid	
	•	Strategies may be ineffective for geo-political reasons e.g.	
		nearness to markets; political instability	
	•	Aid might be ineffective e.g. because of corruption	
	(Synon	tic element: reference to macroeconomic variables (unit 2)	(30)
	, ,	use of the Economist's tool-kit in analysis and evaluation and	
		roach to question)	
Level	Mark	Descriptor	
Level 1	1-11	Identification of points which are largely irrelevant	
Level 2	12-15	2 factors with one evaluative point or 3 factors with no evalua	tion
Level 3	16-21	3 factors with one evaluative point or 4 factors with no evalua	
Level 4	22-25	4 factors with two evaluative points	
Level 5	26-30	4 factors with three evaluative points	

Question Number		Answer	Mark	
3(a)		 Increase in the value of the country's currency Decline in productivity relative to other countries Increase in rate of inflation relative to other countries Decline in non-price competitiveness Increase in real unit labour costs Increase in regulations Evaluation points include: Relative significance of factors selected Whether or not these are short or long term factors Competitiveness might not fall following a rise in exchange rate if exporters cut profit margins (Synoptic element: reference to productivity, inflation and exchange rates (unit 2) and use of the Economist's tool-kit in analysis and evaluation and in approach to question) 	(20)	
Level	Mark	Descriptor		
Level 1	1-7	Identification of points which are largely irrelevant		
Level 2	8-10	consideration of one factor with one evaluative point o no evaluation	r 2 points with	
Level 3	11-14	consideration of 2 factors with one evaluative point or 3 points with no evaluation		
Level 4	15-16	consideration of 3 factors with one evaluative point		
Level 5	17-20	consideration of 3 factors with at least two evaluative points		

Question	An	swer	Mark
Number 3(b)	NAC	easures used by businesses could include:	
3(b)	IVIE	 Research and development resulting in improved 	
		designs or new products	
		 Investment in new technology 	
		 Investment in ricw teetmology Investment in capital equipment 	
		 Pricing strategies (e.g. limit pricing) 	
		 Improved reliability of products 	
		Better customer service	
	Me	easures used by governments could include:	
		nge of supply side policies including	
		 Privatisation 	
		Education and training	
		 Investment tax relief 	
		Improvements in infrastructure	
		 Cutting unemployment benefits 	
		 Removal of regulations e.g. health and safety, 	
		environmental, employment protection	
		Encourage immigration.	
	lf a	appropriate examples are given, candidates could also	
	dis	scuss:	
		Devaluation of currency;	
		ncrease in trade barriers	
	S	ubsidies	
	Ev	aluation could include:	
		 Costs to businesses of expenditure on new capital 	
		equipment	
		 Costs to government: difficult to finance at time when fiscal deficit is rising rapidly 	
		Time frame: some measures could take a	
		considerable time to have an impact	
		 Increased inequality e.g. if unemployment 	
		benefits are cut	
		 Danger of increased exploitation of workers and 	
		of the environment if regulations are relaxed	
		 These policies could be offset by other factors 	
		e.g. appreciation of the currency; rising wage	
		costs	(30)
		aximum 21 if only government or business strategies	
		e discussed	
		ynoptic element: pricing policies (unit 3) supply side	
		licies (unit 2) and use of the Economist's tool-kit in	
Lovel	Mark	alysis and evaluation and in approach to question)	
Level	1-11	Descriptor Identification of points which are largely irrelevant	
Level 1		Identification of points which are largely irrelevant	ovaluation
Level 2	12-15	2 factors with one evaluative point or 3 factors with no	
Level 3	16-21	3 factors with one evaluative point or 4 factors with no	evaluation
Level 4	22-25	4 factors with three evaluative points	
Level 5	26-30	4 factors with three evaluative points	

Question Number		Answer	Mark
4(a)		Features include: • Decline in world trade	
		 Fall in capital movements 	
		 Decrease in FDI 	(-)
		 Decrease in tourism 	(5)
		3 marks for knowledge, 2 for application/ one data	
		reference e.g. to % fall in world trade or to % fall in FDI	
Level	Mark	Descriptor	
Level 1	1-3	Up to 3 marks for knowledge of 2 characteristics (up to 2 characteristic)	marks for one
Level 2	Level 2 4-5 Up to 3 marks for knowledge of 2 characteristics and 2 marks for application/data reference		arks for

Question Number		Answer	Mark
4(b)		 Reasons include: Greater dependence on exports e.g. Japan, Germany Differences in policy response e.g. cutting interest rates, fiscal stimulus, quantitative easing Differences in likely fall in house prices Differences in importance of different sectors e.g. financial services industry/manufacturing/tourism Differences in consumer/business confidence 	(8)
Level	Mark	Descriptor	
Level 1	1	1 mark for brief identification of one issue	
Level 2 2-5 Up to 3 marks for identification of 2 issues; 2 for applicat references i.e. to 2 different countries/regions)		tion (2 data	
Level 3	6-8	3 marks for identification of 2 issues; 2 for application (2 data references i.e. to 2 different countries/regions) and 3 for analysis of one or two issues	

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Question Number	Answ	er	Mark
4(c)	•	deration of: Income elasticity of demand for tourism (D likely to be income elastic) Therefore, significant fall in number of tourists Employment implications Fall in GDP Fall in foreign currency earnings from tourism Deterioration in current account balance Loss of tax revenues: deterioration in fiscal balance Effects on airlines, hotels ation might include: Differential effects on different countries Size of tourism as a proportion of GDP Impact on current account depends also on number of people travelling abroad from domestic economy Depends on length of recession	(10)
Level	Mark	Descriptor	
Level 1	1-3	1 mark for identification of 1 effect; 2 for application (e. likely fall of one third in number of visitors to the Caribb example of a specific country from own knowledge)	
Level 2	4-6	1 mark for identification of 1 effect; 2 for application (e. likely fall of one third in number of visitors to the Caribb example of a specific country from own knowledge); 3 for more issues.	ean; 1
Level 3	7-10	1 mark for identification of 1 effect; 2 for application (e. likely fall of one third in number of visitors to the Caribb example of a specific country from own knowledge); 3 for more issues; 4 marks for any 2 evaluative points (2 + 2 1)	ean; 1 or analysis of 1

Question		Answer	Mark	
4(d)		 Key issues: Recession deeper than many had predicted and affecting most countries, leading to huge decline in demand for exports and imports Greater integration of world economy Trade finance has dried up following the banking crisis Global supply chains Recession leading to an increase in protectionism Firms had large inventories (stocks) Evaluation might include: Prioritization Downturn must be seen in perspective: it followed years of growth in world trade Detailed consideration of implications of offshoring and outsourcing (Synoptic element: analysis of recession from unit 2. Also, the use of the Economist's tool-kit in analysis and evaluation and in approach to question) Quality of written communication (QWC) is assessed on the candidate's ability: To present an argument and conclude on the basis of that argument To organise information clearly and coherently To use economics vocabulary appropriately 		
Level	Mark	 To use grammar, spelling and punctuation appropriately Descriptor 	(12)	
		,	overnle of	
Level 1	1-3	1 mark for identification of 1 reason; 2 for application (1 a specific country/region from own knowledge or data re in world trade lines 13-14)	•	
Level 2	4-7	1 mark for identification; 2 for application; 4 for analysis e.g. of impact of depth of recession		
Level 3	8-12	1 mark for identification; 2 for application; 4 for analysis reasons e.g. of impact of depth of recession; 5 marks for evaluative points (2 + 3; or 3 + 2)		

Question	Answer	Mark
Number 4(e)	 This could be approached in a variety of ways: Distortion of comparative advantage: leading to fall in specialization and decrease in world output; fall in living standards; rising unemployment (Counts as 2 points) Decline in world trade Possible inflationary consequences Retaliation Diagram to show effect of a tariff on price: (from P1 to P2) and an increase in domestic production (from A to E). Imports decline from AB to EF. 	
	P D Sd P2 TARIFF S _w S _w D D D D D D D D D D D D D D D D D D D	
	Discussion of: • Effects on consumers e.g. higher prices; loss of consumer surplus.	
	 Effects on producers e.g. higher domestic output within the EU. Welfare losses. Tax revenue to the government. Implications for the balance of trade. 	
	 Evaluative comments might include: Differential effects of tariffs on developed and developing countries Impact depends on extent of trade as a % of GDP e.g. major impact on Japan, lesser impact on India (up to 2 application marks for data references) 	
	 Protectionism might be rational response by politicians facing an election - to protect employment (at least in the short run) Re: tariffs: Significance of PED/PES for impact on the amount imported impact depends on the level of tariffs. Short run/long run effects. Retaliation. 	
	(Synoptic element: supply and demand analysis including elasticities from unit 1. Also, the use of the Economist's tool-kit in analysis and evaluation and in approach to question)	

		Quality of written communication (QWC) is assessed on the candidate's ability: • To present an argument and conclude on the basis of that argument • To organise information clearly and coherently • To use economics vocabulary appropriately • To use grammar, spelling and punctuation appropriately	(15)	
Level	Mark	Descriptor		
Level 1	1-4	2 marks for identification of 2 effects on world economy; application (reference to specific countries/data or for to		
Level 2	5-9	2 marks for identification of 2 effects; 2 for application(r specific countries/data or for tariff diagram); 5 for analysis on world economy (maximum 3 marks for micro analysis diagram)	ysis of effects	
Level 3	10- 15	2 marks for identification of 2 effects; 2 for application(reference to specific countries/data or for tariff diagram); 5 for analysis of effects on world economy (maximum 3 marks for micro analysis of tariff diagram); 6 marks for up to 3 evaluative points.		

Question Answer Number			
5(a)		 Recession leading to increased public spending on benefits and fall in tax revenues Part nationalisation of banks Effect of fiscal stimulus measures Reference to data - deficit rose from just over 2.5% (allow some latitude here) to 12.4%. If one data ref then only 1 mark 	(5)
Level	Mark	Descriptor	
Level 1	1-3	Up to 3 marks for 2 factors	
Level 2	4-5	Up to 3 marks for 2 factors and 2 marks for application (data reference to increase in fiscal deficit)	

Question Number		Answer	Mark
5(b)		Problems could include discussion of impact on:	(8)
Level	Mark	Descriptor	
Level 1	1	1 mark for brief identification of one issue	
Level 2	2-5	3 marks for identification of 2 issues; 2 for application (2 references to fiscal deficit or National Debt or examples)	
Level 3	6-8 3 marks for identification of 2 issues; 2 for application (2 data references to fiscal deficit or National Debt or examples) and 3 for analysis of one or two issues		

Question				
5(c)		Reasons include: • Financial services form a significant part of UK economy - implications for GDP, employment, tax revenues and balance of payments • Unwillingness of banks to lend • British household debt was very high. Consumers likely to try to repay debt and reduce expenditure • The British house price bubble was bigger than in other countries. Therefore, danger that Britain would face a large fall in house prices - negative wealth effect • UK had been running a fiscal deficit since 2001/02 • Dependence of trade with EU & US Evaluative points could include: • Decline in financial services might enable a rebalancing of economy • Short run and long run effects - it will take a long time for consumers to repay debts • House price falls likely to cause negative equity, reduction in labour mobility; • Prioritisation of factors (Synoptic element: concept of wealth effect and economic growth from unit 2. Also, the use of the Economist's tool-kit in analysis and evaluation and in approach to question)	(10)	
Level Mark		Descriptor		
Level 1	1-3	1 mark for identification of 1 reason; 2 for application (to or examples or UK references)	ext references	
Level 2	4-6	1 mark for identification of 1 reason; 2 for application(text references or examples or UK references); 3 for analysis of 2 issues		
Level 3	7-10	1 mark for identification of 1 reason; 2 for application (to or examples or UK references); 3 for analysis of 2 issues; two evaluative points (2 + 2; 1 + 3; or 3 + 1)		

Question Number		Answer Mark				
5(d)		 Understanding of monetary policy Theoretical impact of cut in interest rates - transmission mechanism Impossibility of further reductions in interest rates Or impact of quantitative easing Evaluative points include: Interest rate cuts unlikely to be successful in stimulating the economy because of sharp decline in business and consumer confidence Also: unwillingness of banks to lend to each or to consumers and businesses Quantitative easing: an untried policy in the UK; difficult to assess long term effects; danger of inflation Disparity between Bank of England base rate and commercial interest rates 				
 (Synoptic element: Monetary policy (unit 2); use of the Economist's tool-kit in analysis and evaluation and in approach to question)) Quality of written communication (QWC) is assessed on the candidate's ability: To present an argument and conclude on the basis of that argument To organise information clearly and coherently To use economics vocabulary appropriately To use grammar, spelling and punctuation appropriately 						
Level	Mark	Descriptor				
Level 1	1-3	1 mark for definition of monetary policy; 2 for application reference e.g. to interest rate change from 5% to 0.5%; Question household debts; bursting of housing bubble)				
Level 2	4-7	1 mark for definition of monetary policy; 2 for application reference e.g. to interest rate change from 5% to 0.5%; Quantitative easing hubble to the control of the contro	E of £200bn ; analysis e.g.			
Level 3	8-12	1 mark for definition of monetary policy; 2 for application reference e.g. to interest rate change from 5% to 0.5%; Question household debts; bursting of housing bubble); 4 for transmission mechanism following cut in interest rates or quantitative easing; 5 marks for any 2 evaluative points (2)	E of £200bn; analysis e.g. impact of			

		Answer	Mark	
Number 5(e)		Understanding of trade weighted index: value of sterling in relation to a weighted basket of other currencies. Implications include: Increased price competitiveness of UK goods (fall in export prices, rise in import prices) Improvement in current account of balance of payments Will enable UK to benefit from upturn in world economy so moving out of recession quickly Will help to prevent deflation because import prices are rising Evaluative points could include: Collapse in export market because of world recession so no immediate improvement in current account (J curve effect) Current account will not improve if Marshall-Lerner condition is not met Inflation could become a problem given the size of the fall in the value of sterling UK exporters may not be able to respond to increased demand Deflation could still result if world recession (Synoptic element: Elasticities (unit 1); Balance of payments (unit 2); use of the Economist's tool-kit in analysis and evaluation and in approach to question)) Quality of written communication (QWC) is assessed on the candidate's ability: To present an argument and conclude on the basis of that argument To organise information clearly and coherently To use economics vocabulary appropriately	(15)	
Level	Mark	appropriately Descriptor		
Level 1	1-4	2 marks for identification of 2 effects or for understanding	ng of trade	
		weighted index; 2 for application (reference to specific ce.g. exports from UK fell less than from Japan (1), with a	ountries/data	
Level 2 5-9		2 marks for identification of 2 effects or for understanding of trade weighted index; 2 for application (reference to specific countries/data e.g. exports from UK fell less than from Japan (1), with actual falls(1)); 5 for analysis of effects		
Level 3 10- 15		2 marks for identification of 2 effects or for understanding of trade weighted index; 2 for application(reference to specific countries/data); 5 for analysis of effects; 6 marks for up to 3 evaluative points		

GUIDELINES FOR MARKING ESSAY QUESTIONS 6EC04 June 2010

Level	Performance Criteria for Mark base 20		
Level 1	1-7		
		other viewpointsDemonstrates limited understanding with little or no analysis	
		 Attempts at selecting, applying, evaluating and presenting 	
		material which are irrelevant and unclear	
		None of the assessment objectives are covered satisfactorily	
		Identification of points which are largely irrelevant	
Level 2	8-10	 Displays elementary knowledge of well learnt economic facts showing a generalised understanding together with limited analysis i.e. identification of points or a very limited discussion Displays a limited ability to select and apply different economic 	
		ideasEvidence presented has a basic relevance	
		Consideration of 1 factor with 1 evaluative point or 2 points with no evaluation	
Level 3	11-14	Displays knowledge and understanding of economic principles, concepts and theories as well as some analysis of issues i.e. answer might lack sufficient breadth and depth to be worthy of a higher mark Shows some ability to apply economic ideas and relate them to	
		Shows some ability to apply economic ideas and relate them to economic problems Translated different approach as to reach applying a properties.	
		 Employs different approaches to reach conclusions, presenting evidence with some relevance and coherence 	
		Consideration of 2 factors with 1 evaluative point or 3 points with no evaluation	
	11-12	Award in this range for 2 points and 1 evaluative comment (or 3 points with no evaluation) which are <i>not</i> well developed/reasoned	
	13-14	Award in this range for 2 points and 1 evaluative comment (or 3 points with no evaluation) which are well developed and reasoned	
Level 4	15-16	 Displays a good knowledge of economic principles, concepts and theories together with an analysis of the issues involved Demonstrates an ability to select and apply economic ideas and to relate them to economic problems Evidence of some evaluation of alternative approaches leading to conclusions which are presented in a relevant and coherent way 	
		Consideration of 3 factors with 1 evaluative point	
Level 5	17-20	 Displays a wide range of knowledge of economic principles, concepts and theories together with a rigorous analysis of issues Demonstrates an outstanding ability to select and apply economic ideas to economic problems Evaluation is well balanced and critical leading to valid conclusions Material is presented in a relevant, clear and coherent way with evidence fully and reliably integrated Excellence is displayed across all assessment objectives 	
		Consideration of 3 factors with 2 evaluative points	

GUIDELINES FOR MARKING ESSAY QUESTIONS 6EC04 June 2010

Level		Performance Criteria for Mark base 30
Level 1	1-11	 Displays knowledge presented as facts without awareness of other viewpoints Demonstrates limited understanding with little or no analysis Attempts at selecting, applying, evaluating and presenting material which are irrelevant and unclear None of the assessment objectives are covered satisfactorily Identification of points which are largely irrelevant
Level 2	12-15	 Displays elementary knowledge of well learnt economic facts showing a generalised understanding together with limited analysis i.e. identification of points or a very limited discussion Displays a limited ability to select and apply different economic ideas Evidence presented has a basic relevance Consideration of 2 factors with 1 evaluative point or 3 points with no evaluation
Level 3	16-21	 Displays knowledge and understanding of economic principles, concepts and theories as well as some analysis of issues i.e. answer might lack sufficient breadth and depth to be worthy of a higher mark Shows some ability to apply economic ideas and relate them to economic problems Employs different approaches to reach conclusions, presenting evidence with some relevance and coherence Consideration of 3 factors with 1 evaluative point or 4 points with no evaluation
	16-18	Award in this range for 3 points and 1 evaluative comment (or 4 points with no evaluative comment) which are <i>not</i> well developed/reasoned
	19-21	Award in this range for 3 points and 1 evaluative comment (or 4 points with no evaluative comment) which are well developed/reasoned
Level 4	22-25	 Displays a good knowledge of economic principles, concepts and theories together with an analysis of the issues involved Demonstrates an ability to select and apply economic ideas and to relate them to economic problems Evidence of some evaluation of alternative approaches leading to conclusions which are presented in a relevant and coherent way Consideration of 4 factors with 2 evaluative points
Level 5	26-30	 Displays a wide range of knowledge of economic principles, concepts and theories together with a rigorous analysis of issues Demonstrates an outstanding ability to select and apply economic ideas to economic problems Evaluation is well balanced and critical leading to valid conclusions Material is presented in a relevant, clear and coherent way with evidence fully and reliably integrated Excellence is displayed across all assessment objectives Consideration of 4 factors with 3 evaluative points