

Mark Scheme (Results)

Summer 2014

Pearson Edexcel GCE in Economics (6EC04/01R)

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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.

Mark scheme: 6EC04/01R JUNE 2014

SECTION A: ESSAYS – PLEASE USE DETAILED MARKING CRITERIA WHICH ARE TO BE FOUND AT THE END OF THIS MARKSCHEME

QUALITY OF WRITTEN COMMUNICATION:

Quality of written communication (QWC) is assessed in both parts of the essays and in parts (d) & (e) of the data response questions 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

FOR ALL QUESTIONS: No mark scheme can cover all possible responses. Therefore, reward analysis which is relevant to the question even if this is not specifically identified in the mark scheme.

Question No.	Answer		Mark	
1 (a)	 KAA: 14; EV: 6 Effects include impact on: Income distribution: may be argued that VAT is regressive, especially in relation to energy, food But: some research suggests that the overall affect of VAT in the UK is mildly progressive Prices: analysis could include appropriate supply and demand diagram. N.B. Inflation would only result if the increase in VAT results in a wage-price spiral But: impact on individual goods and services depends on the PED Living standards: fall in real incomes But: other things may not be equal e.g. wages may be rising faster than prices Unemployment likely to increase unless offset by other components of AD Incentives to work: a higher VAT rate would cause a fall in real incomes. This could increase incentives to work if people wish to maintain their standard of living. But: there may be no impact on incentives if there is no change in income tax rates Tax revenues: these would increase if demand for the goods and services affected are price inelastic But: if the tax rise causes a recession, overall tax revenues will fall. Public finances: budget deficit may fall But danger that a fall in AD would reduce tax revenues Award a maximum of 16/20 if no example of a specific 			
Level	Mark	Descriptor	(20)	
Level 1	1-7	Identification of points which are of limited relevant	ce	
Level 2	8-10	Typically, answers will consider 1 factor with 1 evaluative point or 2 points with no evaluation or list of several points with little analysis		
Level 3	11-14	Typically, answers will consider 2 factors with 1 evaluative point or 3 points with no evaluation		
Level 4	15-16	ypically, answers will consider 3 factors with 1 evaluative point		
Level 5	17-20	Typically, answers will consider 3 factors with at least evaluative points	ast 2	

Question No.	Answer		Mark
1 (b)	 Wheth Case for raising Case for Case for Case for cutt Reduce Reduce Size of some e Low pr More e Greate (and m Evaluation constructs in expense expense Impace expense Dange 	er or not the budget deficit should be cut at all or cutting public expenditure rather than taxes or cutting public expenditure he most likely option but the other approaches edited. Ing public expenditure: In danger of crowding out In possibility of government failure In public sector already too large according to economists — waste and inefficiency roductivity in the public sector efficient allocation of resources er possibility of borrowing at low interest rates maintaining triple A credit rating)	(30)
Level	Mark	Descriptor	
Level 1	1-11	Identification of points which are largely irrelev	ant
Level 2	12-15	Typically, answers will consider 2 factors with 1 evaluative point or 3 points with no evaluation or list of several points with little analysis	
Level 3	16-21	Typically, answers will consider 3 factors with 1 evaluative point or 4 points with no evaluation	
Level 4	22-25	Typically, answers will consider 4 factors with 2 evaluative points	2
Level 5	26-30	Typically, answers will consider 4 factors with 3 evaluative points	3

Question No.	Answer		Mark	
2 (a)	power But: by of Relat But: signii Relat sover But: not p Exper all of Could facto Balar FDI; But: other Macro easin some But: more mana Allow mani buyir Other eva	ive inflation rates: reference to purchasing or parity theory small interest rate differences might be offset ther factors e.g. stability of the economy ive interest rates quantitative easing might play a more ficant role now ive strength of the economy: euro crisis; reign debt crisis in Japan's case, its national debt of 230% has prevented an appreciation of its currency ctations play a very important role in relation to the above of be argued that this is the most significant	(20)	
Level	Mark	Descriptor		
Level 1	1-7	Identification of points which have limited relev		
Level 2	8-10	·		
Level 3	11-14	Typically, answers will consider 2 factors with 1 evaluative point or 3 points with no evaluation		
Level 4	15-16	Typically, answers will consider 3 factors with 1 evaluative point		
Level 5	17-20	Typically, answers will consider 3 factors with a evaluative points	t least 2	

Question No.	Answer		Mark
2(b)	• Colpricor Buinn Im Buinn Als eff Inc livi Buinn Fall Inc Buinn Buinn Buinn Buinn Buinn Buinn Buinn	might include: nsideration of the effect on a country's import ces and exports prices and impact on price mpetitiveness t: a depreciation in the exchange rate will not prove non-price competitiveness provement in net exports t: only true in the Marshall-Lerner condition is filled i.e. sum of price elasticities of demand for ports and exports must be greater than 1 so: may only be true in the long run – J curve fect crease in aggregate demand: leading to higher ng standards t: other things may offset increase in AD e.g. I in investment or in government expenditure duction in unemployment if net exports increase t may not happen if there is under-employment flation: depreciation may cause a rise in cost of ported raw materials and finished goods t: this will not be the case if firms cut profit argins or if productivity rises	(30)
Level	Mark	Descriptor	
Level 1	1-11	Identification of points which are largely irreleva	ınt
Level 2	12-15 Typically, answers will consider 2 factors with 1 evaluative point or 3 points with no evaluation or list of several point with little analysis		
Level 3	Typically, answers will consider 3 factors with 1 evaluative point or 4 points with no evaluation		
Level 4	22-25	Typically, answers will consider 4 factors with 2 points	evaluative
Level 5	26-30	Typically, answers will consider 4 factors with 3 points	evaluative

Question No.	Answer		Mark	
3(a)	 KAA: 14; Ev: 6 Analysis might include consideration of: Impact on domestic producers – increased output; higher producers' surplus Impact on consumers – higher prices; lower consumers' surplus Welfare losses; misallocation of resources Impact on producers in other countries Impact on world growth: decreased specialisation; lower output Impact on the pattern of trade: trade creation and trade diversion Impact on developing economies Evaluation: Effect on producers and consumers depends on PED & PES Size of tariff Differential effect on producers in other countries depending on how important EU market is to them Effect on world growth partially offset by increased growth within EU 		(20)	
Level	Mark	Descriptor		
Level 1	1-7	Identification of points which are largely irreleva	nt	
Level 2	8-10	Typically, answers will consider 1 factor with 1 evaluative point or 2 points with no evaluation or list of several points with little analysis		
Level 3	11-14	Typically, answers will consider 2 factors with 1 evaluative point or 3 points with no evaluation		
Level 4	15-16	Typically, answers will consider 3 factors with 1 point	evaluative	
Level 5	17-20	Typically, answers will consider 3 factors with at evaluative points	least 2	

0(1)			
3(b)	Effects incl Patte prop more But: relais surp Bala bala But and FDI: EU n But: deci. skille Emp But: are l supp freel But: supp Publ contribut to t But rise in Une Imparates; bala	(30)	
Level	Mark	Descriptor	
Level 1	1-11	Identification of points which have limited relevant	
Level 2	12-15	Typically, answers will consider 2 factors with 1 point or 3 points with no evaluation or list of se with little analysis	veral points
Level 3	16-21 Typically, answers will consider 3 factors with 1 evaluative point or 4 points with no evaluation		
Level 4	22-25	Typically, answers will consider 4 factors with 2 points	
Level 5	26-30	Typically, answers will consider 4 factors with 3 points	evaluative

Question	Answer		Mark		
No. 4(a)	Understand	ling of 'real' values (1)			
4(a)	Data shows	Data shows fall in price level. (1) Therefore, real debt burden is increasing (2)			
	Application	: specific reference to Figure 2 (2 marks).			
	3 marks for impact on i				
	2 for application/i.e. 2 data references from Figure 2				
Level	Mark	Descriptor			
Level 1	1-3	Up to 3 marks for knowledge – see above			
Level 2	4-5	Jp to 3 marks for knowledge and 2 marks for data references			

Question No.	Answer		Mark	
4(b)	The terms of relation to the which exports OR: Measure Application: seyears from File Analysis: 4 m Fall in terms More resimport In turn fall If cause prices,	ed by export prices falling relative to import	(8)	
Level	Mark	Competitive		
Level 1	1-2	Descriptor 2 marks for identification (2 of the marks for	dofinition or	
Level I		2 marks for identification (2 of the marks for the formula)	denimination of	
Level 2	3-4	2 marks for identification; 2 for application (indicated above)		
Level 3	5-8	2 marks for identification; 2 for application (indicated above) and 4 for analysis (other 2 marks for diagram and explanation)		

Question No.	Answer		Mark	
4(c)	identifica Im Ma ch Ch Bu na Ch Ru na Pos	s include (3 + 3 marks – maximum 1 mark for tion): proved child care facilities by take a significant length of time before new oild care facilities could be established ild care subsidies t: cost implications for a country with a very high tional debt ild benefits t: opportunity cost of having children may be ry high proved career opportunities for women Itural factors might still restrict opportunities for the op	(10)	
Level	Mark	Descriptor		
Level 1	1-3	1 mark for identification; 2 for basic application/a	nalysis	
Level 2	4-6	mark for identification; 5 for analysis of 2 issues.		
Level 3	7-10	1 mark for identification; 5 for analysis of 2 issues for any 2 evaluative points (2 + 2; 1 + 3; or 3 +		

Question No.	Answer		Mark	
4(d)	government Implication evaluation evaluation future But: Opposition Scient But: Possition But increase Crown privation Scient But increase Crown privation Scient But increase Crown privation of the business of the scient But increase Crown privation of the business of the scient But increase Crown privation of the business of the	finational debt: cumulative total of past ant borrowing (2 marks) as include: (up to 5 marks; and 5 marks for): ger of loss of triple A credit rating and higher re borrowing costs and of Japan's debt is financed internally ortunity cost associated with interest payments ervice the national debt interest rates very low so impact is limited sibility of inflation if country follows policies gned to reduce the real burden of the debt Japan currently suffering from deflation which is easing the real debt burden wding out: reduction in investment by the ate sector if market interest rates increase er factors may be sof confidence in the economy leading to a rease in FDI	(12)	
Level	Mark	Descriptor		
Level 1	1-2	2 marks for definition;		
Level 2	3-7 2 marks for definition; 2 for application (points related to Japan); 3 for analysis of 2 implications			
Level 3	8-12			

Question No.		e the likely economic effects of Japan's es to stimulate its economy.	Mark	
4 (e)	For knowledge, application and analysis: 3 x 3 marks or 4 + 5 marks, of which 2 marks are for use of data from the information provided) Marks for evaluation: (3+ 3; or 4 + 2; or 2 + 2 + 2) Effects of increase in inflation target and fiscal stimulus include: • Fall in value of the yen But: much will depend on expectations regarding the future state of the economy • Higher rate of inflation But: Japan has suffered from deflation for many years • Multiplier effect on GDP But: size of multiplier may be small • Increase in employment But: depends on whether the stimulus is successful in increasing economic growth • Impact on balance of payments: might improve if yen depreciates But: demand for some products e.g. food and energy is likely to be very price inelastic • Impact of public finances – could deteriorate in the short run But could improve in the long run if the policies cause an increase in economic growth • Analysis of impact on effects on the global economy: exports from other countries to Japan will now be less price competitive But: with rising economic growth, Japanese		(15)	
Level	Mark	nsideration of how the stimulus is spent Descriptor		
Level 1	1-4	2 marks for identification of 2 effects; 2 for applic	ation	
Level 2	5-9	2 marks for identification of 2 effects; 2 for application; 5 for analysis of at least 2 issues		
Level 3	10-15	2 marks for identification of 2 effects; 2 for applicantly analysis of at least 2 issues; 6 marks for up to 3 points (3 + 3; 4 + 2; or 2 + 4; or 2 + 2 + 2)		

Question No.	Answer		Mark
5(a)	needs e.g. food Measurer than \$1.2 Relative p threshold OR meas populatio income. Applicatio level of a 2001;	poverty: insufficient resources to meet basic shelter, water, clothing ment of absolute poverty: those living on less 5 a day (accept \$1 or \$2 a day) coverty: those living below a certain income in a country urement of relative poverty: e.g. the % of the n living below 60% (accept 50%) of the median on: Reference to example from Extract 1: e.g. bsolute poverty has remained at 37-40% since	(E)
	3 marks for knowledge (2 + 1 or 1 + 2) for definitions (5) 2 for application/i.e. 2 data references		
Level	Mark	Descriptor	
Level 1	1-3	Up to 3 marks for knowledge – see above	
Level 2	4-5	Up to 3 marks for knowledge and 2 marks for 2 d references	ata

Question	Answer Mark		
no.			
5(b)	Axis cor populati Line of i Lorenz o	curve diagram: 4 marks awarded as follows: rectly labelled: 1 mark for income and on/households; 1 mark for cumulative %; ncome equality (45° line): 1 mark curve: 1 mark.	
	Cumulati distributi of incon	on / / //	
	100%	Cumulative distribution of population	
	Explanations: up to 2 marks for any one of the following: • Measurement of Gini coefficient: Area A (between 45°line and Lorenz curve) ÷ Area A +B (whole area under 45°line) • Increase in inequality because those in rural areas (75% of the total population) have remained poor whereas those in other sectors have seen large increases in their incomes		
	Application: Specific data reference from extract Or correctly indicating new Lorenz curve for 2007 further away from the original Lorenz curve (on diagram or as part of written answer) (2) (8)		
	Curve in	dit 1 diagram mark if candidate identifies Lorenz n their explanation rather than on the diagram	
Level	Mark	Descriptor	
Level 1	1-2	2 marks for identification (2 of the marks for the d	
Level 2	3-4	2 marks for identification; 2 for application (indicat	ed above)
Level 3	5-8	2 marks for identification; 2 for application and 4 for (other 2 marks for diagram and explanation)	or analysis

Question No.	Answer Marks		
5(c)	Factors include (2+2 marks – maximum 1 mark for identification): • Employment: 80% of the workforce But low wages, a reflection of low productivity • GDP: accounts for 25% But resources might be more efficiently employed in other sectors; reference to Tanzania's comparative advantage • Balance of Payments on current account: agriculture accounts for 85% of its exports But price fluctuations and extreme weather events mean that export earnings are volatile		
		application: 2 marks for 2 specific data references ion: up to 4 marks: 2 + 2; 3 + 1	(10)
Level	Mark	Descriptor	
Level 1	1-3	1 mark for identification of 1factor; 2 for applicatio	n
Level 2	4-6	1 mark for identification of 1 factor; 2 for application analysis of 2 factors.	on; 3 for
Level 3	7-10	1 mark for identification of 1 factor; 2 for application (reference to 2 relevant examples of countries); 3 of 2 factors; 4 marks for any 2 evaluative points (2 3; or 3 + 1)	for analysis

Question No.	Answei	r	Marks
5(d)	identific From EE A From EE the ee B C T T T T T T T T T T T T	all benefits include (up to 5 marks; maximum 2 for ation only) and 5 marks for evaluation: DI: TNCs might invest in hotels and infrastructure in order to promote development and profits will be repatriated to shareholders of the TNCs. D & Economic growth: likely to increase as a result of DI, increase in net exports and profits will be as significant as would be the case if the country developed manufacturing mployment: tourism is a labour-intensive industry so many jobs may be created and profits with high skilled jobs going to foreign employees of the TNCs alance of payments: inflows into the financial account FDI); inflows into the current account (from tourists) and counting and food for tourists are revenues: increased revenues from higher and expenditure by tourists are revenues may be required to pay for extra infrastructure and public services needed by tourists novironment: tourism provides an incentive and the ax revenues to conserve the environment and cultural peritage of the country are successively as a period of world economic growth	(12)
Level	Mark	Descriptor	
Level 1	1-2	2 marks for identification of 2 benefits;	
Level 2	3-7	2 marks for identification of 2 benefits; 2 for application (reference to 2 relevant examples or references from 4); 3 for analysis of 2 benefits	
Level 3	8-12	2 marks for identification of 2 benefits; 2 for application (reference to 2 relevant examples or references from 4); 3 for analysis of 2 benefits; 5 marks for up to 3 expoints (2 + 3; or 3 + 2; or 2+ 2 + 1)	Figure

Marks

Question With reference to the information provided, evaluate

No.	factors which might act as constraints on economic development in Tanzania. Answer		
5(e)	5 marks, definition Marks for Marks for Possible • Refinition Marks for Possible • Refinition Set But Set Bu	wledge, application and analysis: 3 x 3 marks or 4 + 1, of which 2 marks are for clear reference or in of economic development) or evaluation: (3+ 3; or 4 + 2; or 2 + 2 + 2) constraints include: elatively high rate of inflation which may cause incertainty and deter investment e.g. in health ervices so limiting development of inflation is falling and may not be a major in the near future increase in debt service ratio which may limit foreign consumers of capital goods of information in the increase. Therefore, less money will will be increase. Therefore, less money will be to improve health, education, housing alling investment of investment increasing trade deficit: might limit imports of goods in the incourage investment increasing trade deficit: might limit imports of capital conduction on cause of deficit: imports of capital conduction in the inferior of the government as a contributor to rowth — may be inefficient and corrupt of the provides of the supply side, then it increasing population: could lead to lower GDP per apita; over-crowding out: this provides the workforce and consumers of the outcome of skilled workforce and consumers of the outcould be filled by FDI, aid ack of skilled workforce out TNCs might import skilled labour	(15)
Level	Mark	Descriptor	
Level 1	1-4	2 marks for identification of 2 factors; 2 for applicati (references relevant to Tanzania)	
Level 2	5-9	2 marks for identification of 2 factors; 2 for application; 5 for analysis of at least 2 factors	
Level 3	10-15 2 marks for identification of 2 factors; 2 for application; 5 for analysis of at least 2 factors; 6 marks for up to 3 evaluative points (3 + 3; 4 + 2; or 2 + 4; or 2 + 2 + 2)		3

GUIDELINES FOR MARKING ESSAY QUESTIONS 6EC04

Level	Part	(a) Questions: Performance Criteria for Mark base 20
Level 1	1-7	 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	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 ideas Evidence presented has a basic relevance Typically, answers will consider 1 factor with 1 evaluative point or 2 points with no evaluation or list of several points with
Level 3	11-14 11-12 13-14	 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 economic problems Employs different approaches to reach conclusions, presenting evidence with some relevance and coherence Typically, answers will consider 2 factors with 1 evaluative point or 3 points with no evaluation Award in this range for 2 factors and 1 evaluative comment (or 3 factors with no evaluation) which are not well developed/reasoned Award in this range for 2 factors and 1 evaluative comment (or 3 factors 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 Typically, answers will consider 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 Typically, answers will consider 3 factors with 2 evaluative points
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GUIDELINES FOR MARKING ESSAY QUESTIONS 6EC04

Level	P	art (b) Questions: 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
		Typically, answers will consider 2 factors with 1 evaluative point or 3 points with no evaluation or list of several points with little analysis
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
	16-18	Typically, answers will consider 3 factors with 1 evaluative point or 4 points with no evaluation Award in this range for 3 factors and 1 evaluative comment (or 4
	19-21	factors with no evaluation) which are not well developed/reasoned Award in this range for 3 factors and 1 evaluative comment (or 4 factors with no evaluation) which are well developed and 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 Typically, answers will consider 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
		Demonstrates an outstanding ability to select and apply economic ideas to economic problems
		Typically, answers will consider 4 factors with 3 evaluative points