General Certificate of Education (International) Advanced Level and Advanced Subsidiary Level Syllabus

ECONOMICS 9708

For examination in June and November 2009

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ECONOMICS

GCE Advanced Subsidiary Level and GCE Advanced Level 9708 for examination in June and November 2009

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INTRODUCTION

- 1 The aim of this syllabus is to enable Centres to develop Economics courses that are suitable both for Advanced Level candidates and for those seeking a more limited study of the subject.
- 2 In order to increase flexibility of assessment to Centres, the content has been divided into two roughly equal halves. The essential unity of the subject is preserved by the fact that the papers on the second, or Supplement, part of the syllabus presuppose previous study and understanding of the first, or Core, part of the syllabus, and questions may involve the demonstration of this knowledge and understanding.
- 3 There are three pathways available to candidates:
 - (a) Those candidates who wish to take the whole of the Advanced Level qualification at the end of a course of study take all four papers together.
 - (b) Satisfactory performance on the two Core papers (Papers 1 and 2) makes a candidate eligible for an Advanced Subsidiary Level qualification.
 - (c) Candidates who wish to follow a **staged** assessment route to the A Level qualification take the Advanced Subsidiary Level qualification first. They then need take only the two remaining papers (Papers 3 and 4) in order to complete the A Level.
- 4 No previous study of the subject is assumed by the syllabus.

AIMS

The syllabus is intended to encourage courses that will:

- (a) provide a basis of factual knowledge of economics,
- (b) encourage the development in the student of:
 - (i) a facility for self-expression, not only in writing but also in using additional aids such as statistics and diagrams where appropriate,
 - (ii) the habit of using works of reference as sources of data specific to economics,
 - (iii) the habit of reading critically to gain information about the changing economy in which we live,
 - (iv) an appreciation of the methods of study used by the economist and of the most effective ways in which economic data may be analysed, correlated, discussed and presented.

ASSESSMENT OBJECTIVES

Candidates are expected to:

- 1 DEMONSTRATE KNOWLEDGE AND UNDERSTANDING of the specified content,
- 2 INTERPRET economic information presented in verbal, numerical or graphical form,
- 3 EXPLAIN AND ANALYSE economic issues and arguments, using relevant economic concepts, theories and information,
- 4 EVALUATE economic information, arguments, proposals and policies, taking into consideration relevant information and theory, and distinguishing facts from hypothetical statements and value judgements,
- 5 ORGANISE, PRESENT AND COMMUNICATE economic ideas and informed judgements in a clear, logical and appropriate form.

The Multiple Choice components (Papers 1 and 3) will seek to test particularly Assessment Objectives 1, 2 and 3.

The Data Response part of Papers 2 and 4 will seek to test particularly Assessment Objectives 2 and 3, and to a lesser extent Assessment Objectives 1, 4 and 5.

The Essay part of Papers 2 and 4 will seek to test particularly Assessment Objectives 1, 3, 4 and 5, and to a lesser extent Assessment Objective 2.

SCHEME OF ASSESSMENT

Advanced Subsidiary Level

Paper	Туре	Duration	Number of questions	Maximum mark	Weight (% of total marks for syllabus)
1	Multiple Choice (Core)	1 hour	30	30	40
2	(a) Data Response (Core)		1	20	30
	(b) Structured Essay (Core)	1 hr 30 mins	1 from a choice of 3	20	30

Advanced Level

Paper	Туре	Duration	Number of questions	Maximum mark	Weight (% of total marks for syllabus)
1	Multiple Choice (Core)	1 hour	30	30	20
	(a) Data Response (Core)	1 ha 20 min a	1	20	15
2	(b) Structured Essay (Core)	1 hr 30 mins —	1 from a choice of 3	20	15
3	Multiple Choice (Supplement)	1 hour	30	30	15
	(a) Data Response (Supplement)		1	20	10
4	(b) Essay (Supplement)	2 hrs 15 mins	2 from a choice of 6	50	25

Papers 1 and 2 for Advanced Level are the same as Papers 1 and 2 for Advanced Subsidiary Level.

Papers 3 and 4 will test the topics in the Supplement, but will also require a knowledge and understanding of the topics in the Core.

All of the question papers will be available for examination in both June and November.

CURRICULUM CONTENT

ADVANCED SUBSIDIARY (AS) LEVEL

The curriculum content for Advanced Subsidiary Level covers the Core curriculum.

	Advanced Subsidiary Level Syllabus	Examples of other concepts and terms included
1	Basic Economic Ideas [Core]	barter
Core	(a) Scarcity, choice and resource allocation	cheques coincidence of wants
	 Meaning of scarcity and the inevitability of choices at all levels (individual, firms, governments) 	command economy
	ii. Opportunity cost	costs of production
	iii. Basic questions of what will be produced, how and for	division of labour
	whom	economic goods
		economic growth
	(b) Different allocative mechanisms	economic problem
	i. Market economies	entrepreneur
	ii. Planned economies	fixed capital
	iii. Mixed economies	fixed capital formation
	(c) Production possibility curve - shape and shifts	free goods
		interest
	(d) The margin: decision making at the margin	investment
	(e) Positive and normative statements	law (economic)
	(c) rosilive and hormalive statements	liquidity
	(f) Ceteris paribus	macroeconomics
		market
	(g) Factors of production: land, labour, capital, enterprise	market system
	(h) Division of labour	maximisation
		measure of value
	(i) Money: its functions and characteristics	medium of exchange
		microeconomics
		nominal
		other things being equal
		primary sector
		production frontier
		production transformation curve
		resources
		secondary sector
		Smith, Adam
		specialisation
		standard of deferred payments
		store of wealth
		tertiary sector
		unit of account
		wants
		working capital

ADVANCED LEVEL

The whole of the Core curriculum content opposite, plus the following:

	Additional material for Advanced Level Syllabus	Examples of other concepts and terms included
1 Supp	Basic Economic Ideas [Supplement] Efficient resource allocation	optimum resource allocation
	Concept of economic efficiency: productive and allocative efficiency	

	Additional material for Advanced Level Syllabus	Examples of other concepts and terms included
2	The Price System and Theory of the Firm [Supplement]	average fixed cost
Supp	(a) Law of Diminishing Marginal Utility and its relationship to	average variable cost
	derivation of an individual demand schedule and curve	barriers to exit
	Equi-marginal principle	cartel
	Limitations of marginal utility theory	closed shop
	(b) Pudget lines	collective bargaining
	(b) Budget lines Income and substitution effects of a price change.	decreasing returns
		diseconomies of scale
	(c) Short-run production function: fixed and variable factors of production, total product, average product and marginal product	economies of large dimensions
	Law of diminishing returns (Law of variable proportions)	financial economies of scale
	(d) Demand for labour:	horizontal integration
	Meaning and factors affecting demand for labour	immobility of labour
	Derivation of individual firm's demand for a factor using marginal revenue product theory	imperfect competition
		increasing returns
	(e) Supply of labour - meaning and factors affecting supply	industrial concentration
	Net advantages and the long-run supply of labour	integration
	 (f) Wage determination under free market forces (competitive product and factor markets) The role of trade unions and government in wage 	marginal physical product mobility of labour
	determination	monopsony
	Wage differentials and economic rent	natural monopoly
	(g) Long-run production function Returns to scale	non-pecuniary advantages
		occupational mobility
	(h) Economist's versus accountant's definition of costs	paradox of value
	Marginal cost and average cost	pecuniary advantages
	Short-run cost function – fixed costs versus variable costs Explanation of shape of SRAC	price agreements

2 Core	The		included
Core		Price System [Core]	ad valorem tax
	(a)	Individual demand curves	change in demand
	(u) (b)	Aggregation of individual demand curves to give market	change in quantity demanded
		demand	complementary goods
	(c)	Factors influencing demand	composite demand
	(0)		demand conditions
	(d)	Movements along and shifts of a demand curve	demand schedule
	(e)	Price, income and cross- elasticities of demand	derived demand
	(6)	i. Meaning and calculation	direct taxation
		ii. Factors affecting	disequilibrium
		iii. Implications for revenue and business decisions	effective demand
			elastic
	(f)	Firms' supply curves	equilibrium
		Aggregation of individual firms' supply curves to give market supply	equilibrium price
			equilibrium quantity
	(g)	Factors influencing market supply, including indirect taxes and subsidies	impact of tax
		Movements along and shifts of a supply curve	incidence of tax
			income tax
	(h)	Price elasticity of supply: determinants, implications for	inelastic
		speed/ease with which businesses react to changed market conditions	inferior good
			joint demand
	(i)	Interaction of demand and supply: equilibrium price and quantity	joint supply
		i. Meaning of equilibrium and disequilibrium	law of demand
		ii. Effects of changes in supply and demand on	law of supply
		equilibrium price and quantity	normal good
		iii. Applications of demand and supply analysis	perfectly elastic
	(i)	Consumer surplus	perfectly inelastic
	(j)		price mechanism
	(k)	Prices as rationing and allocative mechanisms	rectangular hyperbola
			specific tax
			substitute goods
			supply conditions
			total revenue
			unitary elasticity
			,,

	Additional material for Advanced Level Syllabus	Examples of other concepts and terms included
2 Supp	The Price System and Theory of the Firm [Supplement] - continued	risk-bearing economies of scale
	(i) Long-run cost function	sales maximisation
	Explanation of shape of LRAC Relationship between economies of scale and decreasing	sales revenue maximisation
	costs	satisficing profits
	Internal and external economies of scale	second-best theory
	(j) Survival of small firms	shares
	Growth of firms	supernormal profit
		technical economies
	(k) Relationship between elasticity, marginal, average and total revenue for a downward-sloping demand curve	transactions demand for money
	(I) Concepts of firm and industry	transfer earnings vertical integration
	(m)Traditional objective of firm – profit maximisation	
	Normal and abnormal profit	
	An awareness of other objectives of firm	
	 (n) Different market structures – perfect competition, monopoly, monopolistic competition, oligopoly 	
	Structure of markets as explained by number of buyers and sellers, nature of product, degree of freedom of entry and nature of information.	
	Contestable markets	
	(o) Conduct of firms – pricing policy and non-price policy, including price discrimination, price leadership models and mutual interdependence in the case of oligopolies	
	(p) Performance of firms – in terms of output, profits and efficiency	
	Comparisons with regard to economic efficiency, barriers to entry, price competition, non-price competition and collusion	

		Advanced Subsidiary Level Syllabus	Examples of other concepts and terms included
3 Core	Gov	vernment Intervention in the Price System [Core]	excise duties
	(a)	Externalities	external benefit external cost
	(b)	Social costs as the sum of private costs and external costs Social benefits as the sum of private benefits and external	government expenditure
		benefits	imperfections negative externality
	(c)	Decision making using cost-benefit analysis	non-excludability
	(d)	Private goods and public goods Merit goods and demerit goods	non-rivalness positive externality
	(e)	Government intervention via maximum price controls, price stabilisation, taxes, subsidies, direct provision of goods and services	

	Advanced Subsidiary Level Syllabus	Examples of other concepts and terms included
4 Core	International Trade	capital account of balance of payments
	 (a) Principles of absolute and comparative advantage, and their real-world limitations 	comparative costs
	Other explanations/determinants of trade flows Opportunity cost concept allied to trade	current account of balance of payments
		current transfers
	(b) Arguments for free trade and motives for protection	deficit
	(c) Types of protection and their effects	dumping
		exports
	 (d) Economic integration: free trade area, customs union, economic union 	external balance
	(e) Terms of Trade	financial account of balance of payments
	(f) Components of the belonce of polyments	globalisation
	(f) Components of the balance of payments	imports
		infant industry argument
		invisible balance
		net errors and omissions
		quota
		surplus
		tariff
		trade creation
		trade diversion
		trading possibility curve
		visible balance

	Additional material for Advanced Level Syllabus	Examples of other concepts and terms included
3	Government Intervention in the Price System [Supplement]	Supply-side economics
Supp	(a) Sources of market failure	
	(b) Meaning of a deadweight losses	
	Market imperfections – existence of monopolistic elements	
	(c) Objectives of government microeconomic policy: efficiency, equity	
	 (d) Policies to correct market failure: regulation Policies towards income and wealth redistribution Effectiveness of government policies 	
	(e) Privatisation Problems of transition when central planning in an economy is reduced	

There is no supplementary material on Section 4 of the syllabus.

		Advanced Subsidiary Level Syllabus	Examples of other concepts and terms included
5	Меа	asurement in the Macroeconomy [Core]	base date
Core	(a)	Employment Statistics	consumer price index
		Size and components of labour force	cost of living
		Labour productivity	deflation
		Definition of unemployment	dependency ratio
		Unemployment rate; patterns and trends in (un)employment	household expenditure
		Difficulties involved in measuring unemployment	participation rate
			Retail Prices Index
	(b)	General price level: price indices	weights
			working population

	Additional material for Advanced Level Syllabus	Examples of other concepts and terms included
5	Theory and Measurement in the Macroeconomy	active balances
Supp	[Supplement]	at constant prices
	(a) National income statistics	at current prices
	 Use of national income statistics as measures of economic growth and living standards 	average propensity
	ii. Money and real data; GDP deflator	balanced budget
	iii. Comparison of economic growth rates and living	capital:output ratio
	standards over time and between countries	closed economy
	iv. Other indicators of living standards and economic	consumption
	development	credit multiplier
	(b) Money supply	depreciation (of
	Broad and narrow money supply	capital)
	Government accounts: government budget, deficit financing	
	(c) The circular flow of income between households, firms,	distribution of income
	government and the international economy(d) Main schools of thought on how the macroeconomy	gross domestic product
		gross national product
,	functions - Keynesian and monetarist	idle balances
	(e) Aggregate expenditure function (AE)	leakage
	Meaning, components of AE and their determinants	liquidity trap
	Income determination using AE-income approach and	
	withdrawal/injection approach Inflationary and deflationar gaps; full employment level of income versus equilibriur	
	level of income	net domestic product
	The multiplier	net national product
	Autonomous and induced investment; the accelerator	net property income from abroad
	(f) Shape and determinants of AD	paradox of thrift
	Shape and determinants of AS Interaction of AD and AS: determination of level of output, prices and employment	precautionary demand for money
		quality of life
	 (g) Sources of money supply in an open economy (commercial banks / credit creation, central bank, deficit financing, tota currency flow) 	al speculative demand
	Relationship between money supply, price level and output as explained by the Quantity Theory of Money	It for money yield
	 (h) The demand for money Interest rate determination Liquidity Preference theory and Loanable Funds theory 	

	Advanced Subsidiary Level Syllabus	Examples of other concepts and terms included
6	Macroeconomic Problems [Core]	anticipated inflation
Core	(a) Inflation	appreciation
	i. Definition of inflation; degrees of inflation	cost-push inflation
	ii. Causes of inflation	demand-pull inflation
	iii. Consequences of inflation	depreciation
	(b) Balance of Payments Problems	devaluation
	i. Meaning of balance of payments equilibrium and	fiscal boost
	disequilibrium	fiscal drag
	ii. Causes of balance of payments disequilibrium	foreign exchange
	iii. Consequences of balance of payments disequilibrium on	hyperinflation
	domestic and external economy	IMF
	(c) Fluctuations in Foreign Exchange Rates	J-curve
	 Definitions and measurement of exchange rates - nominal, real, trade-weighted exchange rates 	Marshall-Lerner condition
	ii. Determination of exchange rates - floating, fixed,	menu costs
	managed float iii. Factors underlying fluctuations in exchange rates	purchasing power parity
	iv. Effects of changing exchange rates on the economy	Quantity Theory of Money
		reflation
		revaluation
		trade-weighted exchange rate
		unanticipated inflation
		velocity of circulation
		wage drift

	Advanced Subsidiary Level Syllabus	Examples of other concepts and terms included
7	Macroeconomic Policies [Core]	exchange controls
Core	Policies designed to correct balance of payments disequilibrium or influence the exchange rate	expenditure dampening
		expenditure switching

	Additional material for Advanced Level Syllabus	Examples of other concepts and terms included	
6	Macroeconomic Problems [Supplement]	birth rate	
Supp	(a) Economic Growth and Development	cyclical unemployment	
	i. Definition of economic growth and development	death rate	
	ii. Indicators of comparative development and underdevelopment in the world economy – economic, monetary, non-monetary and demographic indicators	demand-deficiency unemployment	
	iii. Characteristics of developing economies: population growth and structure, income distribution, economic	frictional unemployment	
	structure, employment composition, external trade and	general unemployment	
	urbanisation in developing economies, the nature of	migration	
	dependency, including the role of multi-national corporations and external debt	natural increase	
	iv. Actual versus potential growth in national output	optimum population	
	v. Factors contributing to economic growth	seasonal unemployment	
	vi. Costs and benefits of growth, including using and conserving resources	structural unemployment	
	(b) Unemployment	sustainability	
	 i. Full employment and natural rate of unemployment ii. Causes of unemployment 	technological unemployment	
	iii. Consequences of unemployment	trade cycle	
	(c) Inter-connectedness of problems:	voluntary unemployment	
	Links between macroeconomic problems and their interrelatedness, for example		
	 relationship between internal and external value of money 		
	 relationship between balance of payments and inflation 		
	 relationship between inflation and unemployment; trade-off between inflation and unemployment 		

		Additional material for Advanced Level Syllabus	Examples of other concepts and terms included
7	Ma	croeconomic Policies [Supplement]	automatic stabiliser
Supp	(a)	Objectives of macroeconomic policy: stabilisation, growth	canons of taxation
	(b)) Policies towards developing economies; policies of trade and aid	marginal tax rates
			open market operations
	(c)	each is used to control inflation, stimulate employment,	poverty trap
			progressive taxation
	stimulate growth and development, correct balance of payments disequilibrium: the effectiveness of each	payments disequilibrium; the effectiveness of each	proportional taxation
		i. Fiscal policy	regressive taxation
		ii. Monetary policy	
		iii. Exchange rate policy	
		iv. Supply side policy	
	(d)	Conflicts between policy objectives and evaluating policy options to deal with problems	

RESOURCE LIST

This is NOT a list of prescribed texts, but merely an attempt to provide a range of alternatives from which teachers may like to choose.

author	title	publisher	ISBN	date
Anderton, AG	Economics AS Level	Causeway	1902796128	2004
Bamford, Colin, et al	Economics International AS and A Level	Cambridge*	052100781X	2002
Beardshaw, J	Economics: A Student's Guide	Longman	0273651404	2001
Begg, David et al.	Economics	McGraw Hill	0077107756	2005
Gillespie, A	Economics A Level Through Diagrams	Oxford	0199134294	2001
Grant, Susan	Stanlake's Introductory Economics	Longman	0582405483	2000
Grant, Susan	Introductory Economics: A Study Guide	Longman	0582302560	1997
Ison, Stephen	Economics	FT Prentice Hall	0273634275	1999
Sloman, John	Essentials of Economics	FT Prentice Hall	0273683829	2003

* This textbook is endorsed by University of Cambridge International Examinations.

Dictionaries

Bannock, Graham et al. (eds)	Penguin Dictionary of Economics	Penguin	0141010754	2004
Cairns, John et al.	Macmillan Dictionary of Modern Economics	Palgrave	0333576934	1992
Wall, Nancy et al.	The Complete A-Z Economics and Business Studies Handbook	Hodder	0340872764	2003

Internet: Teachers will also find useful material on the websites <u>http://www.bized.ac.uk</u> and <u>http://www.tutor2u.net</u>.