

Personal Learning Checklist

YEAR 12 ECONOMICS

Theme 1

	A. Nature of Economics					
	1. Economics as a social science			G	A	R
1	Thinking like an economist: the process of developing models in economics, including the need to make assumptions	1	Question 1			
	The use of the ceteris paribus assumption in building models	1	Question 2			
	Understand the inability in economics to make scientific experiments	1	Question 3			
	2. Positive and normative economic statements					
	Distinguish between positive and normative economic statements	1	Question 4			
	Explain role of value judgements in influencing economic decision making and policy	1	Question 5			
	3. The economic problem					
	Explain the problem of scarcity – where there are unlimited wants and finite resources	1	Question 6			
	Understand distinction between renewable and non-renewable resources	1	Question 7			
	Explain the importance of opportunity costs to economic agents (consumers, producers and government)	1	Question 8			
	4. Production possibility frontiers					
2	Explain using production possibility frontiers to depict:					
	The maximum productive potential of an economy	2	Question 1			
	Opportunity cost (through marginal analysis)	2	Question 2			
	Economic growth or decline	2	Question 3			
	Efficient or inefficient allocation of resources	2	Question 4			

	Possible and unobtainable production	2	Question 5			
	Explain the distinction between movements along and shifts in production possibility curves, considering the possible causes for such changes	2	Question 6			
	Understand the distinction between capital and consumer goods	2	Question 7			
	5. Specialisation and the division of labour					
3	Understand specialisation and the division of labour	3	Question 1			
	Explain advantages and disadvantages of specialisation and the division of labour in organising production	3	Question 2			
	Explain The advantages and disadvantages of specialising in the production of goods and services to trade	3	Question 3			
	Understand the functions of money (as a medium of exchange, a measure of value, a store of value, a method of deferred payment)	3	Question 4			
	6. Free market economies, mixed economy and command economy					
4	Understand the distinction between free market, mixed and command economies: reference to Adam Smith, Friedrich Hayek and Karl Marx	3	Question 5			
	Explain the advantages and disadvantages of a free market economy and a command economy	3	Question 6			
	Understand the role of the state in a mixed economy	3	Question 7			
	B. How markets work					
	7. Rational decision making					
	Understand the underlying assumptions of rational economic decision making:					
	Consumers aim to maximise utility	4	Question 1			
	Firms aim to maximise profits	4	Question 2			
	8. Demand			G	A	R

5	Explain the distinction between movements along a demand curve and shifts of a demand curve	4	Question 3			
	Understand the factors that may cause a shift in the demand curve (the conditions of demand)	4	Question 4			
	Explain the concept of diminishing marginal utility and how this influences the shape of the demand curve	4	Question 5			
	9. Supply					
6	Explain the distinction between movements along a supply curve and shifts of a supply curve	4	Question 6			
	Understand the factors that may cause a shift in the supply curve (the conditions of supply)	4	Question 7			
	10. Price Determination					
7	Understand Equilibrium price and quantity and how they are determined	4	Question 8			
	Explain the use of supply and demand diagrams to depict excess supply and excess demand	4	Question 9			
	Understand the operation of market forces to eliminate excess demand and excess supply	4	Question 10			
	Explain the use of supply and demand diagrams to show how shifts in demand and supply curves cause the equilibrium price and quantity to change in real-world situations	4	Question 11			
	How much a demand or supply curve shifts in a given situation	4	Question 12			
	The PED or PES on the curve in which there is a movement along	4	Question 13			
	11. Price Mechanism					
8	Explain the functions of the price mechanism to allocate resources:					
	Rationing	4	Question 14			
	Incentive	4	Question 15			
	Signalling	4	Question 16			

	Understand the price mechanism in the context of different types of markets, including local, national and global markets	4	Question 17			
	12. Price, income and cross elasticities of demand					
9/10	Understanding of price, income and cross elasticities of demand	5	Question 1			
	Use formulae to calculate price, income and cross elasticities of demand	5	Question 2			
	Interpret numerical values of:					
	Price elasticity of demand: unitary elastic, perfectly and relatively elastic, and perfectly and relatively inelastic	5	Question 3			
	Income elasticity of demand: inferior, normal and luxury goods; relatively elastic and relatively inelastic	5	Question 4			
	Cross elasticity of demand: substitutes, complementary and unrelated goods	5	Question 5			
	Understand the factors influencing elasticities of demand	5	Question 6			
	Explain the significance of elasticities of demand to firms and government in terms of:					
	Changes in real income	5	Question 7			
	Changes in the prices of substitute and complementary goods	5	Question 8			
	Explain the relationship between price elasticity of demand and total revenue (including calculation)	5	Question 9			
	13. Price Elasticity of supply					
	Understanding of price elasticity of supply	5	Question 10			
	Use formula to calculate price elasticity of supply	5	Question 11			
	Interpret numerical values of price elasticity of supply: perfectly and relatively elastic, and perfectly and relatively inelastic	5	Question 12			
	Understand the factors that influence price elasticity of supply	5	Question 13			
	Explain the distinction between short run and long run in economics and its significance for elasticity of supply	5	Question 14			

	14. Consumer and producer surplus			G	A	R
	Understand the distinction between consumer and producer surplus	6	Question 1			
	Explain the use of supply and demand diagrams to illustrate consumer and producer surplus	6	Question 2			
	Explain how changes in supply and demand might affect consumer and producer surplus	6	Question 3			
	15. Indirect taxes and subsidies					
11	Supply and demand analysis, elasticities, and:					
	The impact of indirect taxes on consumers, producers and government	6	Question 4			
	The incidence of indirect taxes on consumers and producers	6	Question 5			
	The impact of subsidies on consumers, producers and government	6	Question 6			
	The area that represents the producer subsidy and consumer subsidy	6	Question 7			
	16. Alternative views of consumer behaviour					
	Understand the reasons why consumers may not behave rationally:					
	Consideration of the influence of other people's behaviour	6	Question 8			
	The importance of habitual behaviour	6	Question 9			
	Consumer weakness at computation	6	Question 10			
	C. Market Failure					
	17. Types of Market Failure					
	Understanding of market failure	7	Question 1			
	Understand the types of market failure:					
	Externalities	7	Question 2			

	Under-provision of public goods	7	Question 3			
	Information gaps	7	Question 4			
	18. Externalities					
12	Understand the distinction between private costs, external costs and social costs	7	Question 5			
	Understand the distinction between private benefits, external benefits and social benefits	7	Question 6			
	Use of a diagram to illustrate:					
	The external costs of production using marginal analysis	7	Question 7			
	The distinction between market equilibrium and social optimum position	7	Question 8			
	Identification of welfare loss area	7	Question 9			
	Use of a diagram to illustrate:					
	The external benefits of consumption using marginal analysis	7	Question 10			
	The distinction between market equilibrium and social optimum position	7	Question 11			
	Identification of welfare gain area	7	Question 12			
	Explain the impact on economic agents of externalities and government intervention in various markets	7	Question 13			
	19. Public Goods					
13	Understand the distinction between public and private goods using the concepts of non-rivalry and non-excludability	7	Question 14			
	Explain why public goods may not be provided by the private sector: the free rider problem	7	Question 15			
	20. Information gaps			G	A	R
	Understand the distinction between symmetric and asymmetric information	7	Question 16			

	Explain how imperfect market information may lead to a misallocation of resources	7	Question 17			
	D. Government Intervention					
	21. Government intervention in markets					
14	Explain the purpose of intervention with reference to market failure and using diagrams in various contexts:					
	Indirect taxation (ad valorem and specific)	8	Question 1			
	Subsidies	8	Question 2			
	Maximum and minimum prices	8	Question 3			
	Explain other methods of government intervention:					
	Tradeable pollution permits	8	Question 4			
	State provision of public goods	8	Question 5			
	Provision of information	8	Question 6			
	Regulation	8	Question 7			
	22. Government Failure					
	Explain the causes of government failure:					
	Distortion of price signals	8	Question 8			
	Unintended consequences	8	Question 9			
	Excessive administrative costs	8	Question 10			
	Information gaps	8	Question 11			
	Explain government failure in various markets	8	Question 12			

	E. Measures of Economic Performance					
	23. Economic Growth			G	A	R
15a	Understand rates of change of real Gross Domestic Product (GDP) as a measure of economic growth	9	Question 1			
	Understand the distinction between:					
	Real and nominal	9	Question 2			
	Total and per capita	9	Question 3			
	Value and volume	9	Question 4			
	Understand other national income measures:					
	Gross National Product (GNP)	9	Question 5			
	Gross National Income (GNI)	9	Question 6			
	Compare rates of growth between countries and over time	9	Question 7			
	Understand Purchasing Power Parities (PPPs) and the use of PPP-adjusted figures in international comparisons	9	Question 8			
	Understand the limitations of using GDP to compare living standards between countries and over time	9	Question 9			
	Be aware of National happiness:					
	UK national wellbeing	9	Question 10			
	The relationship between real incomes and subjective happiness	9	Question 11			
	24. Inflation					
	Display an understanding of:					
16	Inflation	10	Question 1			

	Deflation	10	Question 2			
	Disinflation	10	Question 3			
	Be able to use the process of calculating the rate of inflation in the UK using CPI	10	Question 4			
	Understand the limitations of CPI in measuring the rate of inflation	10	Question 5			
	Understand the Retail Prices Index (RPI) as an alternative measure of the rate of inflation	10	Question 6			
	Explain the causes of inflation:					
	Demand pull	10	Question 7			
	Cost push	10	Question 8			
	Growth of the money supply	10	Question 9			
	Understand the effects of inflation on consumers, firms, the government and workers	10	Question 10			
	25. Employment and unemployment			G	A	R
17	Understand the measures of unemployment:	11				
	The claimant count	11	Question 1			
	The International Labour Organisation (ILO) and the UK Labour Force Survey	11	Question 2			
	The distinction between unemployment and under-employment	11	Question 3			
	Understand the significance of changes in the rates of:					

	Employment	1 1				
	Unemployment	1 1				
	Inactivity	1 1	Question 4			
	Understand the causes of unemployment:					
	Structural unemployment	1 1	Question 5			
	Frictional unemployment	1 1	Question 6			
	Seasonal unemployment	1 1	Question 7			
	Demand deficiency and cyclical unemployment	1 1	Question 8			
	Real wage inflexibility	1 1	Question 9			
	Explain the significance of migration and skills for employment and unemployment	1 1	Question 10			
	Understand the effects of unemployment on consumers, firms, workers, the government and society	1 1	Question 11			
	26. Balance of Payments					
18	Understand the components of the balance of payments, with particular reference to the current account, and the balance of trade in goods and services	1 2	Question 1			
	Explain current account deficits and surpluses	1 2	Question 2			
	Understand the relationship between current account imbalances and other macroeconomic objectives	1 2	Question 3			
	Explain the interconnectedness of economies through international trade	1 2	Question 4			

	F. Aggregate Demand					
	27. Characteristics of AD					
19	Understand the components of AD: $C+I+G+(X-M)$	1 3	Question 1			
	Explain the relative importance of the components of AD	1 3	Question 2			
	Understand the AD curve	1 3	Question 3			
	Understand the distinction between a movement along, and a shift of, the AD curve	1 3	Question 4			
	28. Consumption (C)					
	Understand disposable income and its influence on consumer spending	1 3	Question 5			
	Display an understanding of the relationship between savings and consumption	1 3	Question 6			
	Explain other influences on consumer spending:					
	Interest rates	1 3	Question 7			
	Consumer confidence	1 3	Question 8			
	Wealth effects	1 3	Question 9			
	29. Investment (I)					
20	Understand the distinction between gross and net investment	1 4	Question 1			
	Understand the influences on investment:					
	The rate of economic growth	1 4	Question 2			

	Business expectations and confidence	1 4	Question 3			
	Keynes and 'animal spirits'	1 4	Question 4			
	Demand for exports	1 4	Question 5			
	Interest rates	1 4	Question 6			
	Access to credit	1 4	Question 7			
	The influence of government and regulations	1 4	Question 8			
	30. Government Expenditure (G)					
	Explain the main influences on government expenditure:					
	The trade cycle	1 4	Question 9			
	Fiscal policy	1 4	Question 10			
	31. Net trade (X-M)			G	A	R
21	Understand the main influences on the (net) trade balance:					
	Real income	1 5	Question 1			
	Exchange rates	1 5	Question 2			
	State of the world economy	1 5	Question 3			
	Degree of protectionism	1 5	Question 4			
	Non-price factors	1 5	Question 5			

	G. Aggregate Supply					
	32. The characteristics of AS					
22	Understand the AS curve	1 6	Question 1			
	Understand the distinction between movement along, and a shift of, the AS curve	1 6	Question 2			
	Explain the relationship between short-run AS and long-run AS	1 6	Question 3			
	33. Short-Run AS					
	Understand the factors influencing short-run AS:					
	Changes in costs of raw materials and energy	1 6	Question 4			
	Changes in exchange rates	1 6	Question 5			
	Changes in tax rates	1 6	Question 6			
	34. Long-Run AS					
	Understand the different shapes of the long-run AS curve:					
	Keynesian	1 6	Question 7			
	Classical	1 6	Question 8			
	Explain the factors influencing long-run AS:					
	Technological advances	1 6	Question 9			
	Changes in relative productivity	1 6	Question 10			
	Changes in education and skills	1 6	Question 11			

	Changes in government regulations	1 6	Question 12			
	Demographic changes and migration	1 6	Question 13			
	Competition policy	1 6	Question 14			
	H. National Income and Economic growth					
	35. National Income					
23	Explain the circular flow of income	1 7	Question 1			
	Understand the distinction between income and wealth	1 7	Question 2			
	36. Injections and withdrawals					
	Explain the impact of injections into, and withdrawals from, the circular flow of income	1 7	Question 3			
	37. Equilibrium level of real national output					
	Understand the concept of equilibrium real national output	1 7	Question 4			
	The use of AD/AS diagrams to show how shifts in AD or AS cause changes in the equilibrium price level and real national output	1 7	Question 5			
	38. The multiplier					
24	Understand the multiplier ratio	1 8	Question 1			
	Understand the multiplier process	1 8	Question 2			
	Explain the effects of the economy on the multiplier	1 8	Question 3			
	Understand marginal propensities and their effects on the multiplier:					

	The marginal propensity to consume (MPC)	1 8	Question 4			
	The marginal propensity to save (MPS)	1 8	Question 5			
	The marginal propensity to tax (MPT)	1 8	Question 6			
	The marginal propensity to import (MPM)	1 8	Question 7			
	Be able to calculate the multiplier using the formulae $1/(1-MPC)$ and $1/MPW$, where $MPW=MPS+MPT+MPM$	1 8	Question 8			
	Explain the significance of the multiplier to shifts in AD	1 8	Question 9			
	39. Causes of growth			G	A	R
15b	Understand the factors which could cause economic growth	1 9	Question 1			
	Understand the distinction between actual and potential growth	1 9	Question 2			
	Explain the importance of international trade for (export-led) economic growth	1 9	Question 3			
	40. Output gaps					
	Understand the distinction between actual growth rates and long-term trends in growth rates	1 9	Question 4			
	Display an understanding of positive and negative output gaps and the difficulties of measurement	1 9	Question 5			
	Explain the use of an AD/AS diagram to illustrate an output gap (level of spare capacity) in an economy	1 9	Question 6			
	41. Trade (business) cycle					
	Display an understanding of the trade (business) cycle	1 9	Question 7			

	Explain the characteristics of a boom	1 9	Question 8			
	Explain the characteristics of a recession	1 9	Question 9			
	42. The impact of economic growth					
	Understand the benefits and costs of economic growth and the impact on:					
	Consumers	1 9	Question 10			
	Firms	1 9	Question 11			
	The government	1 9	Question 12			
	Current and future living standards	1 9	Question 13			
	I. Macroeconomic Objectives and Policies					
	43. Possible macroeconomic objectives					
	Explain economic growth	2 0	Question 1			
	Explain low unemployment	2 0	Question 2			
	Explain low and stable rate of inflation	2 0	Question 3			
	Explain the balance of payments equilibrium on current account	2 0	Question 4			
	Explain balanced government budget	2 0	Question 5			
	Explain protection of the environment	2 0	Question 6			

	Explain greater income equality	20	Question 7			
	44. Demand-side policies					
25/26	Understand the distinction between monetary and fiscal policy	21	Question 1			
	Understand monetary policy instruments:					
	Interest rates	21	Question 2			
	Asset purchases to increase the money supply (quantitative easing)	21	Question 3			
	Understand fiscal policy instruments:					
	Government spending and taxation	21	Question 4			
	Explain the distinction between government budget (fiscal) deficit and surplus	21	Question 5			
	Explain the distinction between, and examples of, direct and indirect taxation	21	Question 6			
	Use AD/AS diagrams to illustrate demand-side policies	21	Question 7			
	Understand the role of the Bank of England:					
	The role and operation of the Bank of England's Monetary Policy Committee	21	Question 8			
	Demonstrate an awareness of demand-side policies in the Great Depression and the Global Financial Crisis of 2008	21	Question 9			
	Different interpretations	21	Question 10			
	Policy responses in the US and UK	21	Question 11			
	Explain the strengths and weaknesses of demand-side policies	21	Question 12			

	45. Supply-side policies			G	A	R
27	Understand the distinction between market-based and interventionist methods	2 2	Question 1			
	Explain market-based and interventionist policies:					
	To increase incentives	2 2	Question 2			
	To promote competition	2 2	Question 3			
	To reform the labour market	2 2	Question 4			
	To improve skills and quality of the labour force	2 2	Question 5			
	To improve infrastructure	2 2	Question 6			
	Use AD/AS diagrams to illustrate supply-side policies	2 2	Question 7			
	Explain the strengths and weaknesses of supply-side policies	2 2	Question 8			
	46. Conflicts and trade-offs between objectives and policies					
28	Explain potential conflicts and trade-offs between the macroeconomic objectives	2 3	Question 1			
	Understand the short-run Phillips curve	2 3	Question 2			
	Explain potential policy conflicts and trade-offs	2 3	Question 3			

Theme 3**PERSONAL LEARNING CHECKLIST****YEAR 12 ECONOMICS**

	1. Business growth			G	A	R
29	Can explain the size of firms in the context of the UK	2 4	Question 1			
	Can explain the reasons for the size of firms	2 4	Question 2			
	Can explain the divorce of ownership from control (principal agent problem)	2 4	Question 3			
	Can distinguish between public sector and private sector organisations	2 4	Question 4			
	Explain the advantages and disadvantages of organic growth	2 4	Question 5			
30	Define vertical integration	2 4	Question 6			
	Explain the concept of vertical integration using examples	2 4	Question 7			
	Define horizontal integration	2 4	Question 8			
	Explain the concept of horizontal integration using examples	2 4	Question 9			
	Distinguish between backward vertical and forward vertical integration	2 4	Question 10			
	Define conglomerate integration	2 4	Question 11			
	Explain the concept of conglomerate integration using examples	2 4	Question 12			
	Can explain the constraints on business growth	2 4	Question 13			
	Can explain the reasons for and impact of demergers	2 4	Question 14			

	2. Revenue, production, costs and profit					
31	Can define and calculate total revenue	2 5	Question 1			
	Can define and calculate average revenue	2 5	Question 2			
	Can define and calculate marginal revenue	2 5	Question 3			
	Can demonstrate revenues diagrammatically	2 5	Question 4			
	Can explain the links between revenue and price elasticity	2 5	Question 5			
32	Can distinguish between the short run and the long run	2 5	Question 6			
	Can explain the concept of marginal diminishing returns	2 5	Question 7			
	Can define and calculate total product	2 5	Question 8			
	Can define and calculate average product	2 5	Question 9			
	Can define and calculate marginal product	2 5	Question 10			
	Can demonstrate products diagrammatically	2 5	Question 11			
	Can explain the long run concept of returns to scale	2 5	Question 12			
33	Can use the economic definition of cost	2 6	Question 1			
	Can distinguish between fixed and variable costs	2 6	Question 2			
	Can define and calculate total costs	2 6	Question 3			

	Can define and calculate average costs	2 6	Question 4			
	Can define and calculate marginal costs	2 6	Question 5			
	Can explain the link between diminishing returns and short run costs	2 6	Question 6			
	Can calculate short run cost schedules	2 6	Question 7			
	Can demonstrate costs diagrammatically	2 6	Question 8			
34	Can explain economies and diseconomies of scale	2 6	Question 9			
	Can explain the sources of economies of scale including:					
	Technical economies	2 6	Question 10			
	Managerial economies	2 6	Question 11			
	Purchasing economies	2 6	Question 12			
	Marketing economies	2 6	Question 13			
	External economies of scale	2 6	Question 14			
	Can explain the relationship between short run and long run average cost curves	2 6	Question 15			
35	Can calculate profit	2 6	Question 16			
	Can explain the difference between normal and abnormal profit	2 6	Question 17			
	Explain why profit maximisation is demonstrated at $MC=MR$	2 6	Question 18			

	Can demonstrate profit diagrammatically	2 6	Question 19			
	Can demonstrate shifts in cost and revenue curves	2 6	Question 20			
	Can explain and demonstrate shut down points in the short and long run	2 6	Question 21			
	3. Objectives of firms and efficiencies			G	A	R
36	Explain the impact of control on the objectives set	2 7	Question 1			
	Can explain short run profit maximisation as a business objective	2 7	Question 2			
	Can explain long run profit maximisation as a business objective	2 7	Question 3			
	Can explain the importance of the divorce of ownership from control	2 7	Question 4			
	Can explain revenue maximisation as a business objective	2 7	Question 5			
	Can explain sales maximisation as a business objective	2 7	Question 6			
37	Distinguish between static and dynamic efficiency	2 7	Question 7			
	Can define and demonstrate productive efficiency	2 7	Question 8			
	Can define and demonstrate X-inefficiency	2 7	Question 9			
	Can define and demonstrate allocative efficiency	2 7	Question 10			
	Explain the relationship between efficiency and the PPF	2 7	Question 11			
	4. Market structures					

38	Can explain the assumptions used to define market structure	28	Question 1			
	Can explain the types of barrier to entry and exit that might exist in markets	28	Question 2			
	Can explain the importance of branding in some markets	28	Question 3			
	Can explain the difference between perfect and asymmetric information	28	Question 4			
	Can explain how firms can compete in markets	28	Question 5			
	Can define, explain and calculate concentration ratios	28	Question 6			
39	Can identify the key assumptions of perfect competition	29	Question 1			
	Can explain the interrelationship between firms in perfect competition	29	Question 2			
	Can explain the shape of revenue and cost curves in perfect competition	29	Question 3			
	Can demonstrate the short run equilibrium in perfect competition	29	Question 4			
	Can demonstrate the long run equilibrium in perfect competition	29	Question 5			
	Can demonstrate areas of abnormal profit in the short run in a perfectly competitive market	29	Question 6			
	Can explain why firms in a perfectly competitive market will make only normal profit in the long run	29	Question 7			
40	Can identify the key assumptions of monopolistic competition	29	Question 8			
	Can explain the interrelationship between firms in monopolistic competition	29	Question 9			

	Can explain the shape of revenue and cost curves in monopolistic competition	29	Question 10			
	Can demonstrate the short run equilibrium in monopolistic competition	29	Question 11			
	Can demonstrate the long run equilibrium in monopolistic competition	29	Question 12			
	Can demonstrate areas of abnormal profit in the short run in a monopolistically competitive market	29	Question 13			
	Can explain why firms in a monopolistically competitive market will make only normal profit in the long run	29	Question 14			
41	Can explain the importance of oligopolies	30	Question 1			
	Can identify the key assumptions of oligopolies	30	Question 2			
	Can explain the concept of collusion	30	Question 3			
	Can use game theory to explain why firms might collude	30	Question 4			
	Can explain how firms can compete based on price	30	Question 5			
	Can explain types of non-price competition available to firms	30	Question 6			
42	Can identify key assumptions of monopolies	30	Question 7			
	Can explain sources of monopoly power	30	Question 8			
	Can demonstrate revenue curves in a monopoly	30	Question 9			
	Can identify the equilibrium output of a monopoly	30	Question 10			

	Can demonstrate areas of abnormal profit for a monopoly	30	Question 11			
	Can explain how monopolies can discriminate when setting prices	30	Question 12			
	Can demonstrate diagrammatically how monopolies can discriminate when setting prices	30	Question 13			
	Can explain the costs and benefits to producers and consumers of price discrimination	30	Question 14			
43	Can define and explain monopsony	30	Question 15			
	Can explain the equilibrium price and output under monopsony	30	Question 16			
	Can explain the costs and benefits of a monopsony	30	Question 17			
	Can define the term bilateral monopoly	30	Question 18			
	Can identify the degree to which monopsony power exists	30	Question 19			
44	Can explain the difference between contestable market theory v neo classical theory	31	Question 1			
	Can identify key assumptions of contestable markets	31	Question 2			
	Can identify the degree to which a market is contestable	31	Question 3			
45	Can explain the relationship between perfect competition, contestable markets and static efficiency	32	Question 1			
	Can explain the relationship between imperfect competition and static efficiency	32	Question 2			
	Can explain the relationship between competition and dynamic efficiency	32	Question 3			

	Can evaluate competition from the viewpoint of different economic agents	3 2	Question 4			
	Can explain why natural monopolies might exist	3 2	Question 5			
	Can define and explain multi plant monopolies	3 2	Question 6			
	Can explain innovation in the context of a monopoly	3 2	Question 7			
	Can evaluate monopoly from the view point of different economic agents	3 2	Question 8			
	Can explain the theory of second best	3 2	Question 9			
46	Can explain how intervention can be used to control monopolies	3 2	Question 10			
	Can explain policies open to government in order to promote competition and contestability	3 2	Question 11			
	Can explain policies open to government in order to protect suppliers	3 2	Question 12			
	Can explain policies open to government in order to protect employees	3 2	Question 13			
	Can evaluate the effectiveness of government intervention	3 2	Question 14			
	5. Labour markets			G	A	R
47	Can explain why the demand for labour has a downward sloping curve	3 3	Question 1			
	Can distinguish between the short run and long run demand for labour	3 3	Question 2			
	Can demonstrate and explain shifts in the demand for labour	3 3	Question 3			
	Can explain the determinants of elasticity of demand for labour	3 3	Question 4			

48	Can explain the supply curve of an individual worker	3 3	Question 5			
	Can explain the backward bending supply curve in relation to income and substitution effects	3 3	Question 6			
	Can explain monetary and non-monetary considerations when discussing the supply of labour	3 3	Question 7			
	Can explain the supply of labour to a firm	3 3	Question 8			
	Can explain the supply of labour for an industry	3 3	Question 9			
	Can explain the determinants of the elasticity of supply for labour	3 3	Question 10			
	Can explain the supply of labour to an economy	3 3	Question 11			
	Can explain mobility of labour (geographical immobility and occupational mobility)	3 3	Question 12			
	Can explain factors affecting the supply of labour in the UK including:					
	Male and female employment	3 3	Question 13			
	Employment by age	3 3	Question 14			
	Employment by ethnic group	3 3	Question 15			
	Employment by industry or region	3 3	Question 16			
	Migration	3 3	Question 17			
	Part time work	3 3	Question 18			

	Self-employment	3 3	Question 19			
	Temporary work	3 3	Question 20			
	Hours of work and holidays	3 3	Question 21			
49	Can explain how wage rates are determined	3 4	Question 1			
	Can explain a labour market where all workers are paid the same	3 4	Question 2			
	Can explain why wage rates differ	3 4	Question 3			
	Can explain labour markets in relation to different market structures (perfect competition, monopoly)	3 4	Question 4			
	Can explain the role of trade unions	3 4	Question 5			
	Can explain factor impacting on wage determination including:					
	Wage structure by occupation	3 4	Question 6			
	Wage structure by distribution	3 4	Question 7			
	Decline of primary and secondary industries	3 4	Question 8			
	Decline in trade union membership	3 4	Question 9			
	Globalisation	3 4	Question 10			
	Immigration	3 4	Question 11			
	Technology	3 4	Question 12			

	Winner takes all' attitudes	3 4	Question 13			
	Wage structure by gender	3 4	Question 14			
	Wage structure by age	3 4	Question 15			
	Part time and full time working	3 4	Question 16			
	Wages by region	3 4	Question 17			
50	Can explain government intervention into labour markets using minimum wages	3 5	Question 1			
	Can explain government intervention into labour markets using maximum wages	3 5	Question 2			
	Can explain how wages are set in the public sector	3 5	Question 3			
	Can identify policies to tackle labour market immobility	3 5	Question 4			
	Can identify labour market issues in the UK	3 5	Question 5			

	1. Globalisation and trade arrangements			G	A	R
51	Can explain the characteristics of globalisation	3 6	Question 1			
	Can explain the causes of globalisation	3 6	Question 2			
	Can analyse the impact of globalisation on consumers	3 6	Question 3			
	Can analyse the impact of globalisation on workers	3 6	Question 4			
	Can analyse the impact of globalisation on producers	3 6	Question 5			
	Can analyse the impact of globalisation on governments	3 6	Question 6			
	Can analyse the impact of globalisation on individual countries	3 6	Question 7			
	Can analyse the impact of globalisation on the environment	3 6	Question 8			
	Can explain the non-economic impact of globalisation	3 6	Question 9			
	Can identify the costs and benefits of globalisation	3 6	Question 10			
52	Can explain the purpose of a trading bloc	3 7	Question 1			
	Can identify the main types of trading bloc	3 7	Question 2			
	Can explain the advantages of trading blocs	3 7	Question 3			

	Can explain the disadvantages of trading blocs	3 7	Question 4			
	Can give examples of trading blocs that exist	3 7	Question 5			
53	Can explain the purpose of a common market	3 8	Question 1			
	Can explain the different stages of economic integration	3 8	Question 2			
	Can explain the process of trade creation	3 8	Question 3			
	Can explain the process of trade diversion	3 8	Question 4			
	Can explain the difference between common unions and free trade	3 8	Question 5			
	Can explain how countries in common markets might benefit from economies of scale	3 8	Question 6			
	Can explain how countries in common markets might benefit from increased competition	3 8	Question 7			
	Can explain how countries in common markets might benefit from the transfer of resources	3 8	Question 8			
54	Can explain the purpose of a monetary union	3 8	Question 9			
	Can explain the role of the European Central Bank (ECB)	3 8	Question 10			
	Can identify fiscal rules that can be applied to a monetary union	3 8	Question 11			
	Can explain the advantages of a monetary union	3 8	Question 12			
	Can explain the disadvantages of a monetary union	3 8	Question 13			

	Can explain the conditions necessary for the success of a monetary union	3 8	Question 14			
	2. International trade			G	A	R
55	Can explain the reasons for international trade	3 9	Question 1			
	Can explain the different factors that influence the pattern of trade between countries	3 9	Question 2			
	Can explain the process of absolute advantage	3 9	Question 3			
	Can demonstrate absolute advantage numerically	3 9	Question 4			
	Can explain the process of comparative advantage	3 9	Question 5			
	Can demonstrate comparative advantage numerically	3 9	Question 6			
	Can explain the assumptions of the theory of comparative advantage	3 9	Question 7			
	Can explain and demonstrate the terms of trade between two countries related to comparative advantage	3 9	Question 8			
	Can explain why comparative advantage exists	3 9	Question 9			
	Can explain non-price theories of trade	3 9	Question 10			
56	Can explain the benefits of trade	3 9	Question 11			
	Can explain the costs of trade	3 9	Question 12			
	Can calculate the terms of trade	4 0	Question 1			
	Can explain the factors influencing the terms of trade	4 0	Question 2			

	Can explain the effects of changes in their terms of trade on the balance of payments	40	Question 3			
	Can explain the effects of changes in their terms of trade on the domestic economy	40	Question 4			
	3. The WTO and protectionism					
57	Can explain the history leading up to the formation of the World Trade Organisation (WTO)	41	Question 1			
	Can explain the purpose of the World Trade Organisation (WTO)	41	Question 2			
	Can explain the significance of The Doha Round of WTO talks	41	Question 3			
	Can distinguish between multilateral and regional trade agreements	41	Question 4			
	Can identify criticisms of the World Trade Organisation	41	Question 5			
58	Can explain why restrictions might be placed on trade	41	Question 6			
	Can explain how a tariff acts to restrict trade	41	Question 7			
	Can demonstrate the impact of a tariff diagrammatically	41	Question 8			
	Can explain how a quota acts to restrict trade	41	Question 9			
	Can demonstrate the impact of a quota diagrammatically	41	Question 10			
	Can explain how subsidies can be used to restrict trade	41	Question 11			
	Can explain administrative barriers that can be used to restrict trade	41	Question 12			
	Can explain how exchange rate manipulation can be used to restrict trade	41	Question 13			

	Can explain the reasons for restricting trade	4 1	Question 14			
	Can explain the impact of protectionist policies	4 1	Question 15			
	Can analyse the arguments for both free trade and protectionism	4 1	Question 16			
	Balance of payments and exchange rates					
59	Can explain the components of the balance of payments	4 2	Question 1			
	Can explain reasons for international capital flows	4 2	Question 2			
	Can explain the advantages and disadvantages of international capital flows	4 2	Question 3			
	Can explain the causes of surpluses and deficits on the current account	4 2	Question 4			
	Can explain measures to reduce imbalances on the current account	4 2	Question 5			
	Can explain the impact of global trade imbalances	4 2	Question 6			
	Can explain the impact of the financial crisis on international capital flows	4 2	Question 7			
	Can explain the impact of a country defaulting on its debt	4 2	Question 8			
	Can explain how countries can work to correct imbalances	4 3	Question 1			
60	Can define the term exchange rate	4 3	Question 2			
	Can calculate exchange rates	4 3	Question 3			
	Can demonstrate an equilibrium exchange rate	4 3	Question 4			

	Can explain how currencies find an exchange rate equilibrium	4 3	Question 5			
	Can explain and demonstrate shifts in demand and supply curves for a currency	4 3	Question 6			
	Can explain how speculative activity impacts on an exchange rate	4 3	Question 7			
	Can explain the purchasing power parity theory of exchange rates	4 3	Question 8			
	Can distinguish between a floating and a fixed exchange rate	4 3	Question 9			
	Can explain different types of managed exchange rate systems	4 3	Question 10			
	Can explain how exchange rates can be influenced under managed systems	4 3	Question 11			
	Can explain the advantages and disadvantages of different exchange rate systems	4 3	Question 12			
62	Can explain how exports and imports are affected by changing exchange rates	4 4	Question 1			
	Can explain the effects of a fall in the value of the exchange rate	4 4	Question 2			
	Can explain the links between devaluation and elasticity	4 4	Question 3			
	Can explain the links between devaluation and pricing strategies	4 4	Question 4			
	Can explain the problems associated with devaluation	4 4	Question 5			
	Can explain how an exchange rate effects the performance of a countries macroeconomic objectives	4 4	Question 6			
	Can explain how changes in exchange rates affects foreign direct investment	4 4	Question 7			

63	Can define competitiveness	4 5	Question 1			
	Can explain the measures of competitiveness	4 5	Question 2			
	Can explain the factors influencing competitiveness	4 5	Question 3			
	Can explain the benefits of being internationally competitive	4 5	Question 4			
	Can explain the problems of sustaining international competitiveness	4 5	Question 5			
	Can explain government policy used to increase competitiveness	4 5	Question 6			
	4. Equality and inequality			G	A	R
64	Can define resource allocation, equality and equity	4 6	Question 1			
	Can explain how resources are distributed in a capitalist market economy	4 6	Question 2			
	Can explain the causes of inequality in income	4 6	Question 3			
	Can explain the causes of inequality in wealth for individuals	4 6	Question 4			
	Can explain the measures of inequality including:					
	Lorenz curve	4 6	Question 5			
	Gini coefficient	4 6	Question 6			
65	Can distinguish between absolute and relative poverty	4 6	Question 7			
	Can explain the causes of poverty	4 6	Question 8			

	Can explain the effects of poverty	4 6	Question 9			
	Can explain causes of changes in absolute and relative poverty	4 6	Question 10			
	Can distinguish between horizontal and vertical equity	4 6	Question 11			
66	Can explain the distribution of income and wealth	4 7	Question 1			
	Can explain how government expenditure can be used to alter the distribution of income	4 7	Question 2			
	Can explain how the tax system can be used to redistribute income and wealth	4 7	Question 3			
	Can explain other policies to reduce inequalities and poverty	4 7	Question 4			
	Can explain the costs of redistribution in the free market	4 7	Question 5			
	Can explain how to minimise the costs of redistribution	4 7	Question 6			
	5. Economic development					
67	Can explain how countries are classified in terms of their development	4 8	Question 1			
	Can explain the characteristics of developing countries	4 8	Question 2			
	Can distinguish between growth and development	4 8	Question 3			
	Can explain the measures of economic development	4 8	Question 4			
68	Can explain factors influencing growth and development including:			G	A	R
	Political and institutional factors	4 8	Question 5			

	Education and skills	4 8	Question 6			
	Infrastructure	4 8	Question 7			
	Technology	4 8	Question 8			
	Absolute poverty	4 8	Question 9			
	Income distribution	4 8	Question 10			
	Access to credit and banking including microfinance	4 8	Question 11			
	Demographic factors	4 8	Question 12			
	International trade	4 8	Question 13			
	Commodities	4 8	Question 14			
	The savings gap, foreign aid and the Harrod-Domar model	4 8	Question 15			
	Debt	4 8	Question 16			
	Foreign Direct Investment and portfolio capital flows	4 8	Question 17			
	Remittances	4 8	Question 18			
	Gender issues	4 8	Question 19			
	The environment	4 8	Question 20			

	Non-economic factors	4 8	Question 21			
69	Can identify and explain different types of development strategy including:					
	Trade liberalisation vs protectionism	4 9	Question 1			
	Government subsidies	4 9	Question 2			
	Exchange rates	4 9	Question 3			
	Infrastructure development	4 9	Question 4			
	Developing a financial sector	4 9	Question 5			
	Foreign Direct Investment and joint ventures	4 9	Question 6			
	Privatisation	4 9	Question 7			
	Buffer stock schemes	4 9	Question 8			
	The Lewis model	4 9	Question 9			
	Development of primary industries	4 9	Question 10			
	Tourism	4 9	Question 11			
	Fair trade	4 9	Question 12			
	Foreign aid	4 9	Question 13			

	Debt relief	49	Question 14			
	Can explain the role of international financial institutions and non-government organisations	49	Question 15			
	Financial markets and government policy			G	A	R
70	Can explain why financial markets exist	50	Question 1			
	Can explain the role of financial markets	50	Question 2			
	Can identify and describe different types of financial institutions	50	Question 3			
	Can identify and describe the different types of markets	50	Question 4			
	Can explain when and why market failure might occur	50	Question 5			
71	Can identify different central banks globally	50	Question 6			
	Can explain the role of central banks	50	Question 7			
	Can explain types of regulation available to central banks	50	Question 8			
72	Can explain the reasons for public expenditure	51	Question 1			
	Can explain the reasons for changing size and composition of public expenditure	51	Question 2			
	Can distinguish between current and capital expenditure and transfer payments	51	Question 3			
	Can explain the impact of public expenditure on living standards and equality	51	Question 4			
	Can explain the role of crowding out in terms of public expenditure	51	Question 5			

	Can explain the impact of public expenditure on productivity and growth	5 1	Question 6			
73	Can explain the reasons for taxation	5 1	Question 7			
	Can identify different types of tax	5 1	Question 8			
	Can explain the canons of tax (characteristics of a good tax - Adam Smith)	5 1	Question 9			
	Can explain the relationship between incentives to work and tax revenues (Laffer curve)	5 1	Question 10			
	Can explain how tax can be used to redistribute income	5 1	Question 11			
	Can explain how changing tax rates impacts on real output, price level and employment	5 1	Question 12			
	Can explain the relationship between tax and the trade balance	5 1	Question 13			
	Can explain the relationship between tax and FDI flows	5 1	Question 14			
74	Can distinguish between fiscal surpluses and deficits and the national debt	5 2	Question 1			
	Can distinguish between cyclical and structural deficits	5 2	Question 2			
	Can distinguish between current budget deficits, primary budget deficits and actual budget deficits	5 2	Question 3			
	Can explain factors influencing the size of fiscal deficits and surpluses	5 2	Question 4			
	Can explain factors influencing the size of the national debt in nominal terms	5 2	Question 5			
	Can explain factors influencing the size of the national debt as a percentage of GDP	5 2	Question 6			

	Can explain the implications for other variables of fiscal deficits and national debts	5 2	Question 7			
75	Can explain how demand management and fiscal policy is used to manipulate aggregate demand	5 3	Question 1			
	Can identify measures to reduce fiscal deficits in a global context	5 3	Question 2			
	Can identify measures to reduce national debts in a global context	5 3	Question 3			
	Can explain how monetary policy can be used in a global context	5 3	Question 4			
	Can explain how exchange rate policy can be used in a global context	5 3	Question 5			
	Can explain how supply side policies can be used in a global context	5 3	Question 6			
	Can explain the links between macroeconomic policies and external shocks	5 3	Question 7			
	Can identify measures to control global companies	5 3	Question 8			
	Can explain problems facing policy makers	5 3	Question 9			