UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIO

International General Certificate of Secondary Education

MARK SCHEME for the May/June 2012 quest

for the guidance of teachers

0455 ECONOMICS

0455/21 Paper 2 (Structured Questions), maximum raw mark 80

This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began, which would have considered the acceptability of alternative answers.

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

- Cambridge will not enter into discussions or correspondence in connection with these mark schemes.

Cambridge is publishing the mark schemes for the May/June 2012 question papers for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level syllabuses and some Ordinary Level syllabuses.

1 (a) Explanation of possible reasons for occupational mobility of la

- higher wages
- shorter hours
- better working conditions
- opportunity to learn new skills
- better promotion/career opportunities/employment.

(b) Possible advantages:

- reduce unemployment
- reduce extent of poverty
- increase incomes
- improve standards of living
- create a multiplier effect in the rural areas (do not expect reference to the term)
- reduce migration to the cities
- reduce disruption to families
- stop slum developments in cities. [4]

Maximum of 2 marks for a list-like approach.

(c) Analysis could include the following:

- the interest rate would be increased
- this would make borrowing more expensive
- this is likely to reduce the level of demand in the economy
- likely to be particularly effective if inflation is caused by demand-pull factors
- less effective if inflation is caused by cost-push factors.

Candidates do not need to include all of these to gain maximum marks. [4]

(d) Discussion could include:

Possible benefits:	Possible disa
• they will provide jobs (especially important in a developing economy) • this will bring down the rate of unemployment • aggregate demand will increase • they will lead to a more skilled workforce • the government will benefit from the taxes the multi-nationals pay	• many of t home co than loca • many of t semi-skill • much of t be repatriated to home country and not necessarily re-invested locally • they may try to exert power over government to receive favourable rights, e.g. by threatening not to locate or, once located, threatening to leave (especially important in a developing economy) • there may be damage to the environment

A one-sided answer which considers only the benefits or the disadvantages of a multi-national locating in an economy can gain no more than 5 marks.

Also, an answer which fails to focus clearly on a developing economy can gain no more than 6 marks. [8]

2 **(a)** Explanation could include:

- there are limited/finite resources (1)
- to satisfy unlimited/infinite wants (1)
- where choices have to be made/there is an opportunity c

(b) Definition: the (next) best (1) alternative foregone/not tak
decision/making a choice – appropriate example of choice (1)

(c) Factors of production:

1. Land: natural resources available for production, e.g. oil, coal, forests, fish, farming.
2. Labour: human effort available for production/human capital, e.g. skilled/unskilled.
3. Capital: man-made physical goods used in production, e.g. machines, tools, factories (Do NOT accept money).
4. Enterprise: the role of the entrepreneur in terms of organising the other factors of production and in taking a risk in doing so.

1 mark for each correct description (4); up to 2 marks for appropriate use of examples (2). [6]

A list of 4 factors of production – 2 marks.
A list of 3 factors of production – 1 mark.
A list of 2 factors of production – no marks.

(d) Discussion could include:

Conservation of natural resources:	Use of natural resources:
• this will avoid too rapid a depletion of resources • this is more sustainable as it takes into account the needs of future generations • a better long-term strategy	• will raise output • will raise income and employment • but resources will be depleted/exhausted more quickly • more of a short-term strategy

A one-sided answer, which focuses on the conservation or use of resources only, can gain no more than 5 marks. [8]

3 (a) Explanation of functions of money:

- a medium of exchange
- a store of value
- a measure of value/a unit of account
- a standard for deferred payments.

A maximum of 4 marks for a correct explanation of 3 function
A maximum of 3 marks for a correct explanation of 2 function

An answer which focuses on money only as a medium of exchange can gain no more than 2 marks.

An answer which focuses on any other function of money can gain no more than 2 marks.

A list of all four functions can gain 2 marks; a list of three functions can gain 1 mark.

Answers which focus only on the characteristics of money can gain no marks. [6]

(b) Diagram:

- labels (wage/price of labour, quantity, demand, supply) (1)
- shift of the demand curve to the right (1)
- change in equilibrium position (both wage and quantity increase) (1).

Explanation:

- the effect of the increase in demand would shift the demand curve to the right (1)
- raising the equilibrium wage (1)
- and equilibrium quantity (1). [6]

(c) Discussion could include:

- there will be fewer skilled workers relative to demand
- fewer skilled workers will be entering the market because of training/qualifications required
- elasticity of supply for skilled workers will be more inelastic
- skilled workers are likely to be more productive than unskilled workers (candidates may refer to MRP but this is not on the syllabus).

One-sided answers, which fail to address 'always', can gain no more than 5 marks. [8]

4 **(a)** Explanation could include:

- be able to sell shares on stock exchange
- without needing permission of existing shareholders
- this would enable it to raise considerably more finance
- which could be used to finance expansion.

(b) Consideration of profit maximisation:

- it is where the difference between total revenue and total cost is greatest/(MC=MR but this is not in the syllabus)
- profit is necessary for survival
- this is the underlying assumption of firms, although there may be other goals
- used to finance investment/expansion
- used to finance research and development
- used to reward shareholders/senior management. [6]

(c) Discussion could include:

Advantages of growth:	Disadvantages of growth:
• potential for economies of scale, such as financial, administrative/managerial, technical, risk-bearing and marketing • the lower costs will enable the firm to make larger profits • increase market power/become monopolistic/reduce competition	• a firm may become too large and begin to suffer from diseconomies of scale, such as poor management, problems of communication and poor industrial relations

A one-sided answer, which considers only the benefits of growth, can gain no more than 6 marks. [10]

5 (a) Possible reasons:

- to enable people to have access to the service, e.g. a health care (note that merit good is not explicitly on the s
- sometimes it is most unlikely that a good or service w sector, e.g. a public good such as defence (note that pu syllabus)
- sometimes the private sector would not be able to raise provided by the government, e.g. a road
- sometimes there is a natural monopoly where it is better so the state provides a nationalised service
- a government may wish to own a key strategic industry, e.g. one producing armaments.

[6]

6 marks can be gained for a thorough explanation of 2 goods and services.

A maximum of 3 marks for an explanation of 1 good or service.

(b) Definition:

- this occurs when all those willing and able to work at the given real wage are working, i.e. all unemployment is voluntary
- it is the level of employment at which those who wish to work have found jobs, with the exception of those who are frictionally unemployed.

Also credit:

- a situation where unemployment is low/employment is high
- reference to full employment as a government objective
- reference to a particular figure e.g. 97% employment/3% unemployment. [4]

(c) Discussion could include:

Frictional unemployment:	Structural un
• this refers to those individuals who are in the process of finding a new job; it is also sometimes called search unemployment • it is not particularly serious as it may take a while for an individual to find appropriate employment • it can be regarded as a sign of a healthy economy, indicating that people are moving from one source of employment to another, reflecting changing patterns of demand in the economy	• this refer lost their demand f industry • it is much individual because skills/experience to change jobs easily • it is also a serious problem for the economy because it is often localised in particular areas of a country

An answer which deals with only one type of unemployment can gain no more than 6 marks; an answer which does not distinguish between the effects on an individual and the economy can also gain no more than 6 marks.

A maximum of 5 marks for a generic answer on the effects of unemployment for an individual and the economy. [10]

6 (a) Possible reasons:

- differences in birth rate/fertility rate
- differences in death rate
- differences in net migration.

Up to 2 marks per reason given.

(b) Explanation could include:

- high real GDP per head
- high level of savings
- developed financial system
- demographic features e.g. high level of life expectancy, low death rate, low infant mortality rate, low birth rate, low rate of population growth
- high level of education/high rate of literacy
- high level of health care
- high level of capital goods
- good quality infrastructure
- good quality housing and sanitation
- tertiary sector the largest sector, followed by secondary and then primary sector.

6 marks can be gained for a thorough explanation of 2 features.
A maximum of 3 marks for an explanation of one feature. [6]

(c) Definition of ageing population:

- this occurs where people are living longer and therefore the average age of the population is rising (2).

Possible problems:

- a rise in the dependency ratio, i.e. the ratio of the working population to the dependent population becomes lower
- a change in the labour force; older workers may be less geographically and occupationally mobile (the retirement age is likely to go up)
- older workers may lack the required skills/training
- a higher demand for health services
- a higher demand for welfare services
- a rise in the cost of pensions
- all of this may require taxation to be increased
- a change in the pattern of demand.

Answers which fail to address 'always' can gain no more than 5 marks. [8]

7 (a) Description of:

- trade in (visible) goods
- trade in (invisible) services
- income flow
- current transfers.

An answer which deals with only the first two elements (co goods and services) can gain a maximum of 3 marks.

For a list of all 4 – 2 marks.
For a list of 3 – 1 mark.
For a list of 2 – no marks.

If a candidate makes no explicit reference to imports/exports a maximum of 2 marks. [4]

(b) Explanation could include:

- the country is spending more on foreign goods and services than is being spent on that country's goods and services
- a country's goods and services were not very price competitive on world markets/higher domestic inflation relative to other countries
- this is particularly a problem with a fixed exchange rate system
- a decline in the relative quality of domestically produced goods and services. [6]

(c) Possible policies:

- bring about a fall in the exchange rate by devaluation (if a fixed exchange rate system) or by allowing a depreciation (if a floating exchange rate system); this would make exports less expensive and so demand for them would be likely to rise
- this will increase total export revenue if PED is elastic
- provide a subsidy which reduces the production costs of domestic firms, enabling them to reduce prices
- supply-side policies to increase the skills/qualifications of the labour force; this would help to improve the quality of exports
- government support for trade fairs/exhibitions in other countries to make people aware of a country's exports.

An answer which fails to consider which would be the most effective policies to increase a country's exports can gain no more than 6 marks. [10]