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

0455/23 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) Evidence could include:

- a spokesperson for the People's Bank of China has sai allow the market to play a much greater role in determini
- view of economists that an appreciation of currency sh China's current account surplus
- supportive comment from the President of the US.

Any two comments.

(b) Possible reason:

- appreciation of the currency will make exports more expensive
- and imports less expensive
- this is likely to decrease the demand for Chinese exports and increase the demand for imports
- this will decrease China's total export revenue and increase total import expenditure if PED is elastic
- this will reduce China's current account surplus. [6]

(c) Possible problems:

- distinction between short-term and long-term needs to be made clear
- one country's surplus is another country's deficit; the country with the deficit may introduce protectionist measures (as indicated)
- countries with deficits could face exchange rate problem
- countries with deficits could face employment problem. [4]

(d) Up to 4 marks for description of protection, such as:

- tariffs
- quotas
- subsidies
- exchange controls
- embargoes/bans.

There is a maximum of 2 marks for a basic list of protection methods.

Up to 4 marks for discussion of their effectiveness and the other possible ways to reduce the trade deficit, such as:

- increase in exports
- reduction of exchange rate.

There is a maximum of 6 marks if there is no consideration of other possible ways to reduce the deficit OR where the candidate does not consider the relative effectiveness of different possible methods. [8]

2 (a) Explanation could include:

- it refers to all those natural resources used in production

Examples could include:
- coal, oil, gold, fish, forests and the land itself (2).

(b) Possible reasons:

- labour has become too expensive
- there has been too much disruption e.g. as a result of strike action
- there is not enough labour available
- the labour available does not have the necessary skills/training/qualifications
- the firm wants to take advantage of new capital equipment
- this could increase the efficiency of production and keep costs down
- increased complexity of product being made. [7]

(c) Possible advantages:

- would be able to benefit from expanded production
- such as through benefiting from economies of scale
- lowering the cost of production
- firm would be able to increase profits.

Possible disadvantages:
- we are told that it is newly established, so would such expansion be unwise/premature?
- it might be better to get itself established in domestic market
- this is especially given the reference to limited resources.

Credit comment on opportunity cost in relation to limited resources and comment on the advantages and disadvantages to a firm, a domestic economy or the international economy.

There is a maximum mark of 8 for an answer which does not address the impact of limited resources.

Allow answers on expanding into foreign markets in terms of either exporting to, or establishing production units in, foreign markets. [10]

3 (a) Diagram:

- labels (price, quantity, demand, supply) (1)
- shift of the demand curve to the left (1)
- shift of the supply curve to the right (1)
- change in equilibrium position (1).

Explanation:

- explanation of why both demand and supply cur
- explanation of the correct eventual equilibrium price or equilibrium quantity (1).

[6]

(b) Possible factors:

- level of (disposable) income
- price of houses
- condition/size of houses
- location of houses
- knowledge about/advertising of houses available
- associated fees
- taxation to be paid.

A list-like answer can gain no more than 3 marks.
There is a maximum of 3 marks for an explanation of one influence.
6 marks can be gained by a candidate for a thorough explanation of two influences. [6]

(c) Discussion could include:

Arguments in favour:	Arguments against:
• a government should be better able to raise funds to pay for the building of houses • safety standards might be better enforced • a government would be better able to make it affordable for all people • this would help to reduce poverty • this would help to increase the standards of living of the people	• a government might not be able to raise funds • private sector may be in a better position to do this • would depend on fiscal stance of government • a government might have to raise taxation to bring in the necessary revenue to pay for the house building • what of other areas of public expenditure – issue of opportunity cost

A one-sided answer can gain no more than 5 marks; conclusion likely to be that a mixture of housing provision, involving both sectors, would be the best solution. [8]

4 **(a)** Explanation:

- importance of function of money as a medium of exchan
- compared to barter – the direct exchange of goods an services without using money
- the problem with barter was that it relied on a double coin
- this wasn't always possible
- the use of money as a means of exchange avoids this
- money is also significantly better as a measure of value, for deferred payments.

(b) Descriptions of functions could include:

- acceptance of deposits in current accounts/savings accounts
- enable customers to make payments
- can lend money, e.g. through loans, overdrafts and mortgages
- provide travellers cheques/foreign currency
- accept deposits of valuables
- advice on financial matters
- buy/sell shares for customers.

A list-like answer can gain no more than 3 marks.

There is a maximum of 3 marks for a description of one function. [6]

(c) Possible reasons:

- some individuals run into financial difficulties
- some individuals are spending 'beyond their means'
- some individuals may be more aware of what is available from financial institutions
- some individuals may be better able to pay the money back
- some individuals may be able to provide more security
- some individuals may have a need of money for a very short period of time, e.g. until the next pay day
- some individuals may have a greater need for something, e.g. a car or a holiday and borrow for the medium term to pay for it
- some individuals may wish to buy a house and may borrow for a long period of time, e.g. a mortgage to purchase a house which is often for 25 years.

Descriptive answers about borrowing which fail to discuss why some people have a greater need to borrow and/or a greater ability to pay back the money can gain no more than 5 marks. [8]

5 (a) Differences:

Partnership:	Company:
• they have unlimited liability (usually) • there are between two and twenty partners • they are easy to form (just require a Deed of Partnership) • there is no need to publicly disclose the accounts	• they hav • they hav private li maximu • they are (require Memorandum of Association) • they are required to publicly disclose the accounts

Answers which fail to point out that there are two types of company (private limited company and public limited company) can gain no more than 3 marks. [4]

(b) Possible reasons:

- increase in revenue (this could be linked to PED)
- reduction in cost (this could be linked to economies of scale). [4]

(c) Internal economies of scale:

- reductions in long-term average costs as the scale of production and output of the firm increases, e.g. marketing, administrative, technical, risk-bearing and financial economies.

External economies of scale:

- falls in long-run average costs for a firm when the industry in which the firm operates grows in size, e.g. availability of skilled labour, ancillary firms, infrastructure.

An answer which focuses on one type of economy of scale can gain no more than 2 marks. [4]

(d) Discussion could include:

Small firms likely to grow larger:	Reasons why small firms remain small:
• firms are likely to be small to begin with (acorn idea) • market will gradually expand • firm becomes a company and so better able to finance expansion • possible examples, e.g. Sainsbury's, Tesco	• market may be too small/localised • may be more flexible/better able to satisfy personal preferences of customers • owners may be reluctant to expand • small firms can combine to benefit from economies of scale, e.g. in advertising

Answers which do not address 'all' can gain no more than 5 marks. [8]

6 (a) Possible causes:

- demand-pull
- cost-push
- monetarist
- imported.

Candidates can gain maximum marks for an explanation of ju

An answer which explains just one cause of inflation can get

A list of four causes can get 2 marks.
A list of 1, 2 or 3 causes can get 1 mark. [5]

(b) Structural unemployment:

- this occurs when people lose their jobs as a result of a particular industry being in decline, e.g. coal, shipbuilding.

Demand-deficient (cyclical) unemployment:

- this occurs when the level of aggregate demand in the whole economy falls; it is also called cyclical unemployment because it is associated with downturn/slump/recession stages of the trade cycle.

Answers which deal with just one type of unemployment can gain no more than 3 marks. [5]

(c) Definition of economic growth – 2 marks.

Possible factors influencing economic growth:

- utilising existing capacity
- pushing out potential capacity by increase in quantity
- or quality of resources
- application of new technology
- fiscal policy
- monetary policy
- supply side policies.

Possible factors inhibiting economic growth:

- a high rate of taxation acting as a disincentive
- discouraging inward foreign investment
- failure to significantly improve level of skills of workforce.

Answers which are one-sided and which fail to address 'always possible' can get no more than 6 marks (inclusive of 2 marks). [10]

7 **(a)** Definition of death rate:

- the number of people in a country dying per thousand period of time (usually a year) (1).

Possible factors which can determine it:

- nutrition/diet
- housing conditions
- medical care
- social attitudes about consumption/fitness
- working conditions (4).

(b) Candidates could mention:

- idea of optimum population – this refers to the number of people which, when combined with the other resources in an economy, shows the maximum amount of products that can be produced, i.e. it does not refer to the size of population alone. Candidates do not need to refer specifically to the term 'optimum' as it is not on the syllabus
- overpopulation occurs where the size of population is too large given the availability of resources in that country
- it is not simply a matter of a country having a very large population, e.g. China or India; Singapore, with a population of only 6 million, could be said to be overpopulated. [4]

(c) Possible problems in relation to differences in:

- birth rate
- death rate
- fertility rate
- contraception/family planning
- size of population
- effect of migration, e.g. existence of shanty towns
- size of families
- size of population in relation to resources (candidates may refer to the idea of an 'optimum' population although this concept is not explicitly referred to in the syllabus).

Answers which fail to discuss both developing and developed countries can get no more than 6 marks. [10]