

**UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS**  
International General Certificate of Secondary Education

**MARK SCHEME for the October/November 2008 question paper**

**0453 DEVELOPMENT STUDIES**

**0453/01**

Paper 1, 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.

All Examiners are instructed that alternative correct answers and unexpected approaches in candidates' scripts must be given marks that fairly reflect the relevant knowledge and skills demonstrated.

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- 1 (a) (i) USA. [1]
- (ii) 4340. Allow 4300 to 4400 [1]
- (iii) Because so many US citizens spend money as tourists outside the USA. [1]
- (b) (i) **Three points:**  
Sunshine/tropical  
Sea/sandy beaches/beautiful scenery  
Historical interest  
Facilities to dock cruise ships/airport can take large jets  
High quality tourist facilities/hotels/swimming pools etc  
Uncrowded/peaceful [3]
- (ii) **1 mark for stating evidence:**  
There is much employment in tourism  
The infant mortality rate **is low**  
Life expectancy **is high**  
Literacy rate **is high**.  
There is infrastructure such as airport, port etc.
- 2 marks for justification:**  
A small resident population and large tourist numbers  
Improved healthcare  
Better standard of living  
Improved levels of education  
Money to spend on advanced infrastructure etc [3]
- (iii) **MAX 4 for four different ideas. 1 reserved for development.**  
**1 idea can be developed to MAX 4.**  
Clearance of forests for tourist facilities → destruction of natural habitats → loss of wildlife ⇒ impact on food chain etc  
Destruction of coral reefs by scuba divers → loss of species/dwindling resources of coral etc  
Problems of water and sewage disposal → need to build reservoirs → further loss of land and habitats etc  
Problems of waste disposal/rubbish tips → plastic and toxic materials → dangers to wildlife etc  
No credit for merely stating types of pollution unless source well explained  
No credit for global environmental problems [5]

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**(c) Levels marking:**

**Level 1 (1 or 2 marks)**

Simple statements with basic points made:

E.g. tourist numbers can decline

Tourists may bring in unwanted/unfortunate cultural influences

Tourist may introduce disease etc

Multinational tourist companies make most of the money

Children may get false idea of luxury life

**Level 2 (3 or 4 marks)**

A sound attempt with points being developed or exemplified:

E.g. tourism can fluctuate with specified local or world conditions leading to loss of income/unemployment

Tourists may bring in unwanted/unfortunate cultural influences which dilute local culture/religion

Tourist may introduce diseases such as AIDs etc/crime such as prostitution

Multinational tourist companies make most of the money and take it out of the country

Children may get false idea of luxury life – learn to beg etc

**Level 3 (5 or 6 marks)**

A comprehensive attempt with points being developed or exemplified:

E.g. tourism can fluctuate with specified local or world conditions, value of currencies may alter and profits may be lost/examples such as 7/11 leading to unemployment and crime

Tourists may bring in unwanted/unfortunate cultural influences, which dilute local culture/religion and country may lose some of its traditional social values

Tourist may introduce diseases such as AIDs etc leading to local population suffering from new disease with the associated medical costs etc

Multinational tourist companies make most of the money, they import food and hotel facilities from overseas

Children may get false idea of luxury life – learn to beg etc. – find it difficult to work in a place where the majority of people are on holiday [6]

**[Total: 20]**

- 2 (a) (i)** *Land* – natural resources or raw materials – soil, wildlife, water, fish, minerals, rocks etc/ site of production [1]
- (ii)** **Two** types of capital – money capital and capital goods – tools machinery etc [2]
- (iii)** Enterprise brings the other three factors together – it organizes them/takes the three factors and uses them in production/takes the risks [1]
- (iv)** Labour in factory production is less labour intensive than in craft production – because it uses more capital goods and machinery. Technology in factory production is more complex, instead of simple hand tools it uses complicated machinery and computers. No credit for reference to skills [2]

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(b) (i) In industrialized countries/rich countries/developed etc. [1]

(ii) A. Free trade zones: areas where companies do not have to pay import or export taxes/excise duties. [1]

Areas where there is free movement of goods within a trading bloc.

B. Specialised skills: the ability to do work which requires experience/patience/training/expertise. [1]

(iii) **No credit for direct lift off Fig.4. Five points:**

It started in a developed country

It first developed branches and suppliers in its home country

It developed sales branches in other developed countries

It out-sourced its products from other countries/developing countries

It maintained its research and development in home country

It learned to adjust production to take advantage of the global market

Its headquarters are in a developed country

It takes advantage of cheap labour

It takes advantage of free trade zones to reduce costs

It uses brand names

Etc

No credit for 'high prices' or 'specialisation' [5]

(c) **Levels marking:**

**Level 1 (1 or 2 marks)**

Simple statements with basic points made about advantages and disadvantages:

e.g. **advantages**

they attract multinational and foreign investment

they create jobs for local people

they give opportunities for local businesses to develop

**disadvantages**

foreign companies may not stay very long

they employ people on low wages

they employ people to work long hours/under bad conditions

most of the profit goes overseas

**Level 2 (3 or 4 marks)**

A sound attempt with points being developed or exemplified:

e.g. **advantages**

they attract investment which can be used to improve a country's infrastructure

they create jobs for local people who learn new skills and expertise

they give opportunities for local businesses to develop as people spend their wages

**disadvantages**

foreign companies may suddenly close a business and cause unemployment

they employ people on low wages who cannot afford to live in good conditions

they employ people to work long hours/under bad conditions which may affect their long term health

most of the profit goes overseas and taxes are not paid to the government

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**Level 3 (5 or 6 marks)**

**For 6 marks, both advantages and disadvantages must be developed.**

A comprehensive attempt with points being developed or exemplified:

e.g. **advantages**

they attract multinational and foreign investment, this acts as a multiplier effect attracting other investment which may be used to improve services for local people  
they create jobs for local people who learn new skills and expertise, which may enable the workers to progress to better jobs or set up their own business  
they give opportunities for local businesses to develop as people spend their wages, these include all sorts of services such as banking, office machinery, food stores etc

**disadvantages**

foreign companies may not stay very long and may suddenly close a business, throwing people out of work/they have no loyalty to the country they are in/examples may be quoted  
they employ people on low wages who cannot afford to live in good conditions, and the workers are not allowed to join trade unions which would seek to improve working conditions  
they employ people to work long hours/under bad conditions which may affect their long term health, giving them industrial diseases/bad eyesight/chest complaints etc or giving specific examples  
most of the profit goes overseas so that overall the country has not gained from the investment especially as multinational companies exploit the natural resources and cause air and water pollution which affects health/there may be examples e.g. chemical companies/aluminium companies [6]

**[Total: 20]**

- 3 (a) (i)** South America. [1]
- (ii)** 12. Allow 11-13. [1]
- (iii)** USA. [1]
- (iv)** Developed/industrial/rich [1]
- (b) (i)** In order to earn foreign currency  
To improve the balance of trade/to create an export orientated economy  
No credit for 'to improve the economy' [1]
- (ii)** **Two** reasons: Because the large companies:  
Control the market and keep down the prices paid to farmers  
Keep prices high in the shops  
Make it difficult for new companies to compete/problem of monopolies [2]
- (iii)** Explanation making **three** points:  
Variations in world production/supply/demand  
Changes in supply/quality depending on climatic variation/hazards/seasons  
Changes in demand due to fashion/food scares/recession etc  
Changes in the price of inputs  
Farmers react to changes in the world prices resulting in cycles of over production  
Speculation on the world commodity markets  
Currency fluctuations [3]

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**(c) Allow development of one idea to 1 max:**

- By fixing a fair guaranteed price for their products
- By setting up coffee processing/food processing industries
- By subsidizing the farmers inputs/fertilizers/hybrid seeds
- By helping them to diversify into other products
- By encouraging farmers to grow more foodstuffs
- By encouraging “fair trade” cooperatives
- By education in new techniques through extension workers
- By providing loans for farm improvements etc

[4]

**(d) Levels marking:**

**Level 1 (1 or 2 marks)**

Simple statements with basic points made about environmental and social problems:

- E.g. Forests are being cleared
- Fertilisers/pesticides run off into water courses
- Children are not being properly fed
- Children are not getting a proper education as farmers need to spend money buying food
- Illegal drug production is increasing
- Etc

**Level 2 (3 or 4 marks)**

A sound attempt with points being developed or exemplified:

- E.g. Forest are being cleared, resulting in soil erosion on the hills/loss of habitat
- Fertilizers/pesticides run off into water courses and kills fish
- Children are not being properly fed because farmers have switched from food production and become malnourished
- Children are not getting a proper education as farmers cannot afford school fees so there is a low literacy rate
- Illegal drug production is increasing, which leads to further crime
- Etc

**Level 3 (5 or 6 marks)**

**For 6 marks, both environmental and social problems must be developed.**

A comprehensive attempt with points being developed or exemplified:

- E.g. Forest are being cleared, resulting in soil erosion of the hills causing silting of river basins/destruction of habitat and loss of species/an increase in carbon dioxide in the atmosphere contributing to global warming
- Fertilizers run off into water courses and cause eutrophication/decline of aquatic life which impacts on the food chains
- Children are not being properly fed because farmers have switched from food production, which will result in malnutrition which leads to inability to fight disease/e.g. of disease/makes them too weak to work/causes stunted growth
- Children are not getting a proper education because farmers cannot afford the school fees, which will affect the country because it will not have a skilled population/has a low earning capacity
- Illegal drug production is increasing which leads to further crime and the problems of illicit drug trafficking/drug barons
- Etc

[6]

**[Total: 20]**

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- 4 (a) (i) No, because it will only have reached a half of the two targets/poverty will have been reduced not ended [1]
- (ii) Malnutrition: is a condition in which a person suffers from lack of essential nutrients and vitamins/lack of a balanced diet [1]
- (iii) Yes, because it is not enough money to buy good food and essential needs/to survive  
It is a measure of poverty understandable all over the world  
It is not an average like GNP/head [2]
- (b) (i) **Two** examples:  
Some farmers may not have enough land to grow all the food the family need  
Some farmers may be tenant farmers and may have to pay for their rent in cash crops  
Some farmers may work as labourers on other people's farms and not earn enough to buy food  
If farmers have enough land to plant cash crops as well, the income may buy more food  
*Allow specific examples* [2]
- (ii) **Two** reasons:  
Lack of good sanitation  
Lack of medical services/vaccinations etc  
Lack of pure water supplies  
Prevalences of certain common diseases e.g. malaria, insect borne diseases, bilharzia etc.  
Lack of knowledge about primary health care  
Poor nutrition which makes the body weak/unable to fight disease [2]
- (iii) **Two** reasons:  
People may eat too much of a staple food thus getting mainly carbohydrates  
People may have taboos about eating certain foods e.g. eggs  
The family may have only one good meal a day  
Men and boys may get priority  
Children may go to school without breakfast etc [2]  
No credit for 'families do not eat a balanced diet'
- (iv) **Three ideas with development of one idea to 1 max**  
By providing local maternity and baby clinics  
By teaching mothers/girls about good nutrition  
By teaching people about hygiene  
By immunizing children against the common diseases  
By teaching people about AIDs etc [4]
- (c) **Levels marking:**
- Level 1 (1 or 2 marks)**  
Simple statements with basic points made about the trap of rural poverty:  
They do not produce enough food on their land  
They are poor therefore they cannot afford – good food, health care, education etc  
They cannot find alternative employment off the land

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**Level 2 (3 or 4 marks)**

A sound attempt with points being developed or exemplified:

They do not produce enough food on their land, because it is not large enough/fertile enough

They cannot afford to pay for/to travel to – medical health care, so they become sick

They cannot afford to educate their children and help them to get better jobs etc

They cannot find alternative employment off the land, because there are not enough alternative jobs in rural areas/they lack the skills required

**Level 3 (5 or 6 marks)**

A comprehensive attempt to explain how people are caught in the cycle of poverty with points being developed or exemplified to show how their situation becomes reinforced by their circumstances:

They do not produce enough food on their land; because it is not large enough/fertile enough and they cannot afford to buy fertilizers etc to increase their production

They cannot afford to pay for/to travel to – medical health care, so they become sick and cannot work so they become poorer

They cannot afford to educate their children and help them to get better jobs, so that they in turn can help the family out of poverty

They cannot find alternative employment off the land, because there are not enough alternative jobs in rural areas and they lack skills due to poor education so income remains low

[6]

**[Total: 20]**