



UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS  
International General Certificate of Secondary Education

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**DEVELOPMENT STUDIES**

**0453/01**

Paper 1

**October/November 2013**

**2 hours**

Candidates answer on the Question Paper.

No Additional Materials are required.

**READ THESE INSTRUCTIONS FIRST**

Write your Centre number, candidate number and name on all the work you hand in.

Write in dark blue or black pen.

Do not use staples, paper clips, highlighters, glue or correction fluid.

You may use a pencil for any diagrams, graphs or rough working.

**DO NOT WRITE IN ANY BARCODES.**

Answer **all** the questions.

You may not need all the answer lines for your answer.

You should read and study the sources **before** answering the questions.

**The Insert contains Fig. 8 for Question 4(b).**

The Insert is **not** required by the Examiner. It can be kept by the Centre and used as a teaching resource.

The number of marks is given in brackets [ ] at the end of each question or part question.

| For Examiner's Use |  |
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| 3                  |  |
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| <b>Total</b>       |  |

This document consists of **15** printed pages, **1** blank page and **1** insert.



1 Study Fig. 1A and 1B which show the major cocoa producing and consuming countries.

(a) (i) Which **continent** produces the most cocoa?

..... [1]

(ii) What percentage of the world's cocoa is produced in Africa?

..... [1]

(iii) In what type of country is most of the world's cocoa produced? Tick the correct answer from the list below:

High Income .....

Middle Income .....

Low Income ..... [1]

(iv) In what type of country is most of the world's cocoa consumed? Tick the correct answer from the list below:

High Income .....

Middle Income .....

Low Income ..... [1]

(v) Which country is both a major producer and a consumer?

..... [1]

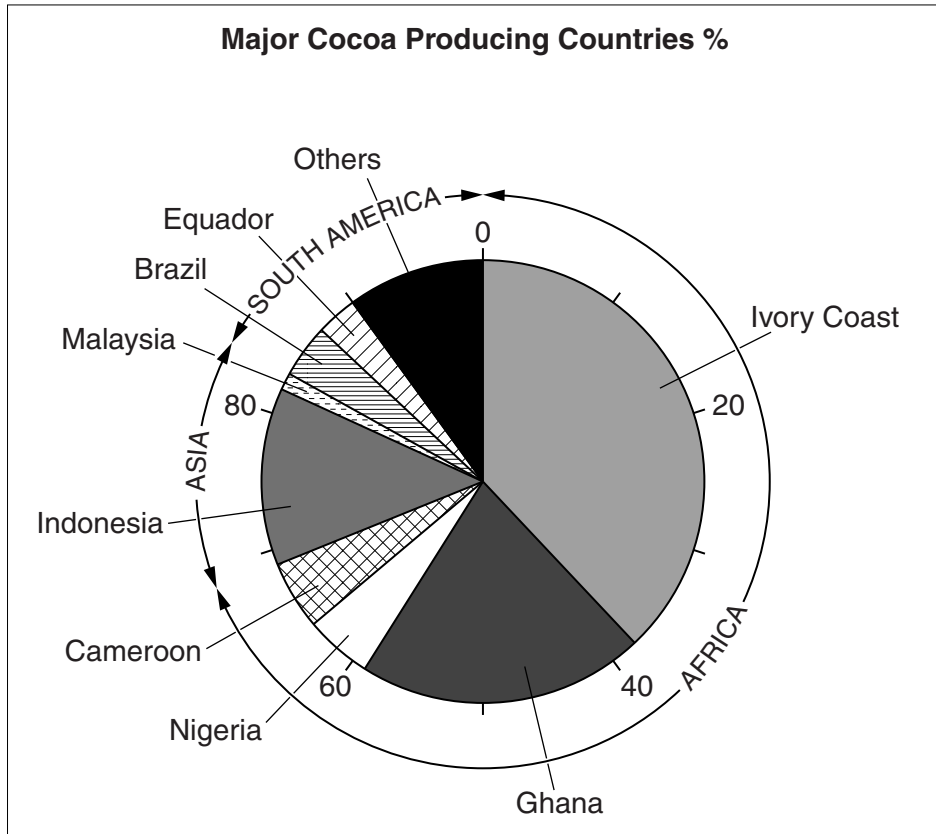


Fig. 1A

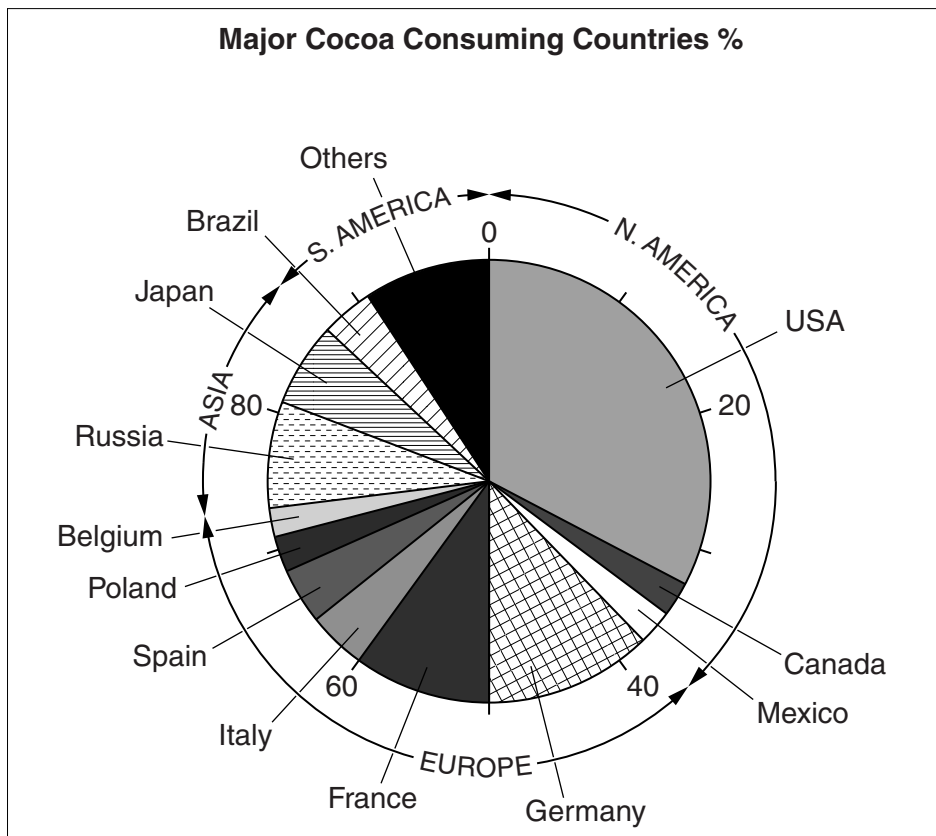


Fig. 1B

- (b) Cocoa is exported in the form of cocoa beans and is mainly imported and manufactured into chocolate in the countries where it is consumed.  
Explain why the pattern of the world's cocoa production and trade can be described as neo-colonial.

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..... [3]

- (c) Study Fig. 2

**The Problems of Cocoa Farmers**

Naana, is a woman in southern Ghana who has a small cocoa farm. She increased production, as did many other cocoa farmers, when prices were high. Since then there has been a surplus in the world market and the price of cocoa has dropped. All over Africa producers of primary agricultural products have suffered in the same way. Costs of dealing with pest control, and of fertilisers and seed have increased. Some years the rainfall is lower and cocoa pests are a particular problem.

The women cocoa farmers are particularly vulnerable because they lack influence and have few resources of their own. They are disadvantaged by gender discrimination.

**Fig. 2**

- (i) Give **two** reasons why the price of primary products like cocoa fluctuates.

.....

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..... [2]

- (ii) Trading in cocoa and the manufacture of chocolate is controlled by a few large multinational companies. Give **two** reasons why this control increases the problems for cocoa producers.

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..... [2]



2 Study Fig. 3

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| <b>The Tsunami and the Andaman Coast of Thailand</b>   |                    |
|--|--------------------|
| <p>In December 2004 there was an earthquake off the west coast of Sumatra. This caused a tsunami that devastated many of the coastal lands of South-East Asia, including many international tourist resorts, on the Andaman coast. At 09.38 a huge wave, six to seven metres high, struck the low-lying coast, to be followed by two more tsunami waves, one of which was ten metres high. The sea water spread for two kilometres inland.</p> |                    |
| <p>As a result of the tsunami it was estimated:</p>  |                    |
| Total number of people killed  | 5 395              |
| Number of foreign nationals killed   | 2 248              |
| Number who lost jobs in fisheries  | 30 000             |
| Fishing boats destroyed  | 7 500              |
| Number who lost jobs in tourism  | more than 120 000  |
| Houses destroyed or badly damaged  | 4 806              |
| Total estimated damages  | US\$ 353.4 million |

**Fig. 3**

(a) (i) The earthquake occurred at 07.08. How long was it before the tsunami hit the low-lying Andaman coast?

..... [1]

(ii) Give **two** reasons why the waves spread so far inland.

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.....  
..... [2]

(iii) Why were many foreign nationals killed on the Andaman coast?

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..... [1]

Study Fig. 4 which outlines some of the United Nations' recommendations when a natural disaster occurs.

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**The United Nations (UN) recommended the following:**

**Immediate responses to natural disaster require:**

- coordinated national and international disaster warning systems
- improvements in national natural disaster management plans
- coordination of the relief effort by the ministries, the armed forces and Non-Governmental Organisations (NGOs)
- quick provision of emergency disaster aid.

**Fig. 4**

**(b) (i)** Why does the UN recommend disaster warning systems?

..... [1]

**(ii)** Give **two** reasons why it is necessary to have a quick response to a natural disaster.

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..... [2]

**(iii)** Give **three** reasons why it might be difficult to provide 'quick provision of emergency disaster aid'.

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(iv) Explain why coordination of the relief effort is important following a natural disaster.

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..... [4]

(c) With reference to a natural disaster:

- State the type of natural disaster .....
- Name the place where it happened .....
- Explain its impact on development. You should fully develop the points you make.

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**[Total: 20 marks]**



- 3 (a) Study Fig. 5 which shows birth rates and death rates per 1000 population for selected countries.

|             | Birth rate<br>1995 | Birth rate<br>2010 | Death rate<br>1995 | Death rate<br>2010 |
|-------------|--------------------|--------------------|--------------------|--------------------|
| Angola      | 50                 | 40                 | 21                 | 13                 |
| India       | 28                 | 21                 | 10                 | 8                  |
| Philippines | 31                 | 26                 | 6                  | 5                  |
| Zambia      | 45                 | 45                 | 18                 | 13                 |

Fig. 5

- (i) Which country has shown the largest fall in its death rate between 1995 and 2010?

..... [1]

- (ii) Explain why death rates have fallen in many countries between 1995 and 2010.

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- (iii) Calculate the natural increase of population in India in 2010. Show your calculations.

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..... [2]

(iv) The birth rates shown in Fig. 5 are high. Explain why developing countries have high birth rates.

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(b) Study Fig. 6A and 6B which are the population pyramids of Bangladesh in 2000 and then projected for 2025.

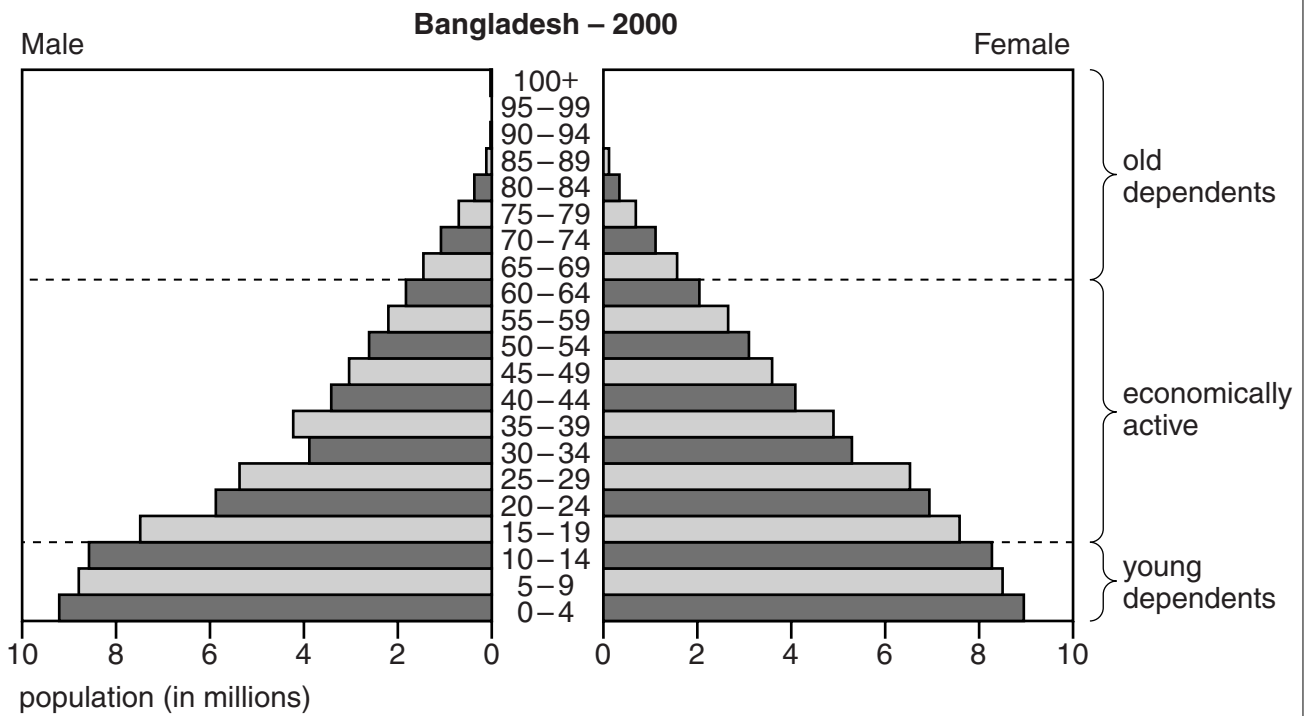
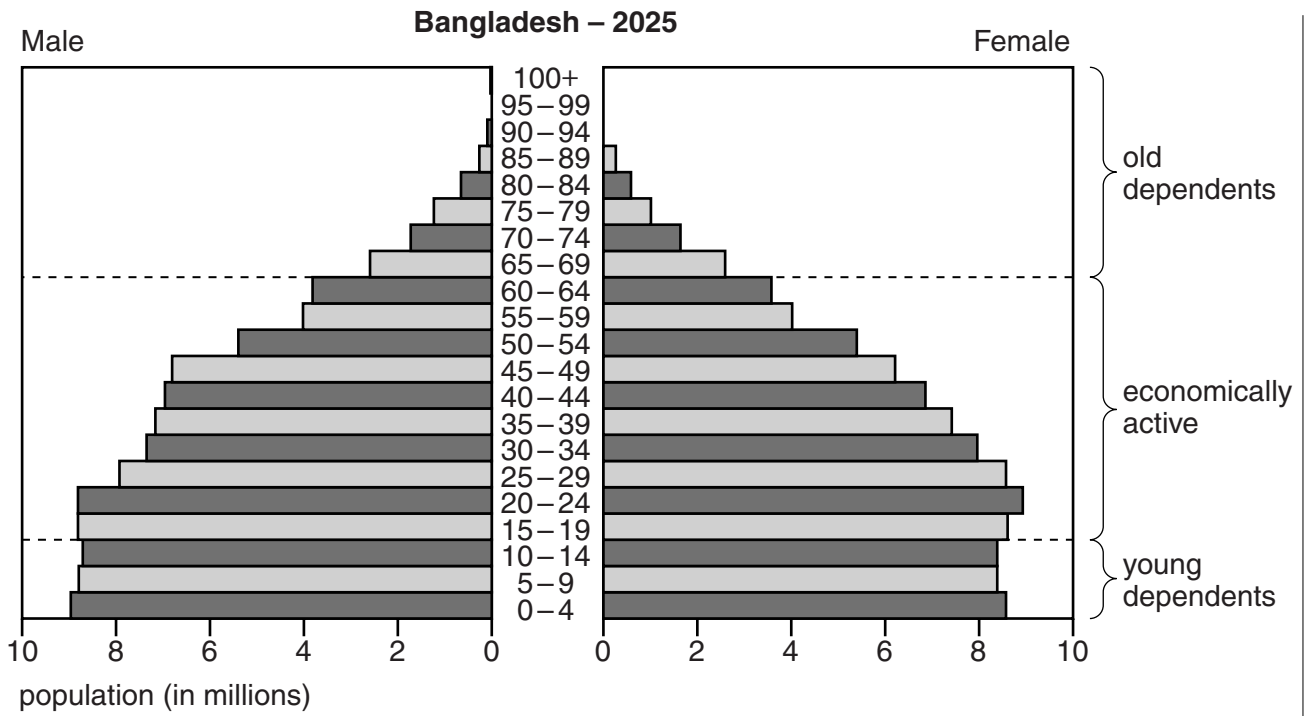


Fig. 6A



**Fig. 6B**

(i) Identify the age group which has the highest numbers of the population in 2000.

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 ..... [1]

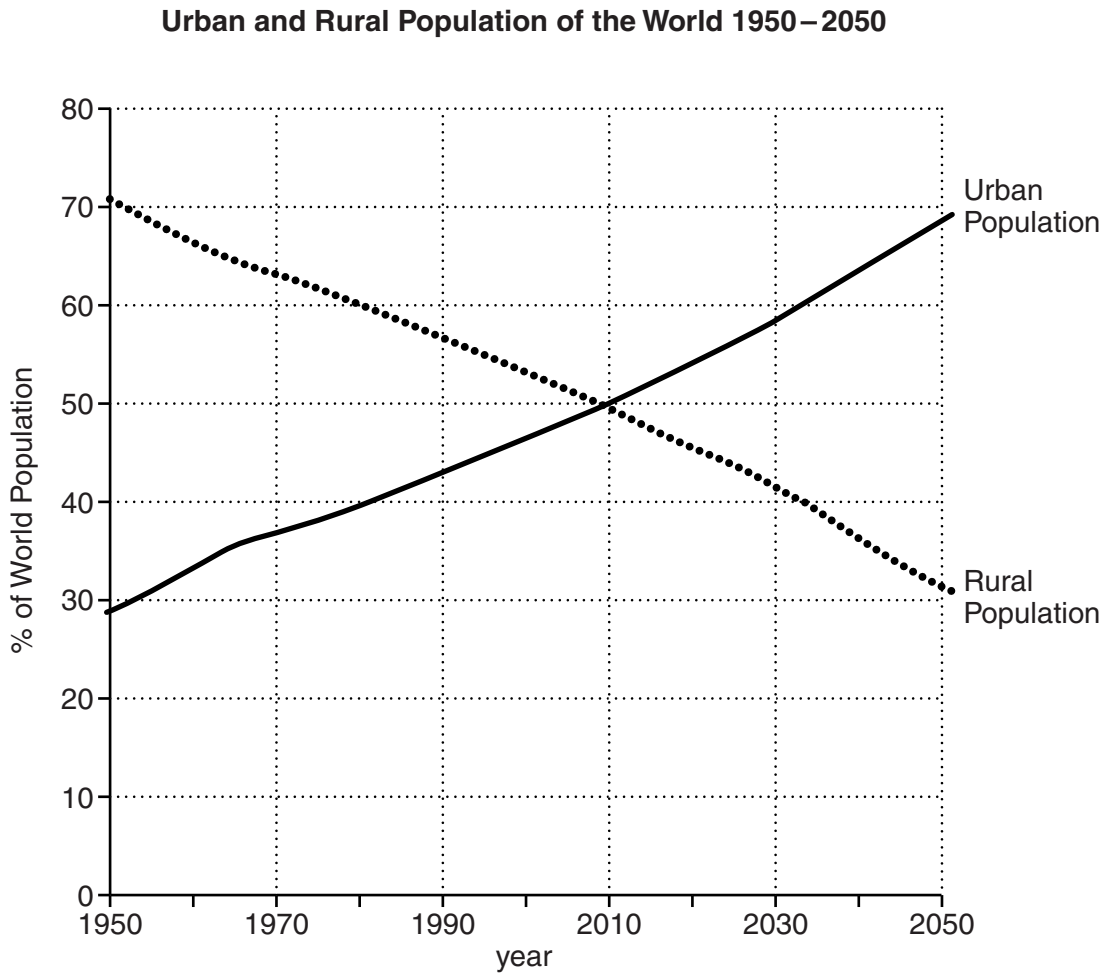
(ii) Describe the expected changes in the population structure of Bangladesh between 2000 and 2025.

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- 4 Study Fig. 7 which shows the change in the world's urban and rural population from 1950 to 2010 and the predicted change to 2050.

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**Fig. 7**

- (a) (i) What is the term given to the growth in the proportion of the population living in urban areas?

..... [1]

- (ii) In which year was the proportion of people living in urban areas the same as those living in rural areas?

..... [1]

(iii) The proportion of people living in rural areas is decreasing. Give **three** difficulties of living in rural areas in a developing country.

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(b) Study Fig. 8 (Insert), which shows a photograph of a shanty town (squatter settlement) in Manila.

(i) What evidence is there in Fig. 8 of overcrowding?

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..... [1]

(ii) Suggest some problems of living in overcrowded conditions.

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..... [3]

(iii) Use Fig. 8 **only** to describe the building materials of the shanty town.

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..... [2]

(c) Explain why so many people who move to urban areas live in shanty towns.

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(d) One of the targets of the United Nations Millennium Development Goal 7 is 'By 2020 to have achieved a significant improvement in the lives of at least 100 million slum dwellers'. Describe what can be done by the authorities and residents to achieve this target. You should fully develop the points you make.

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[Total: 20 marks]

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*Copyright Acknowledgements:*

Question 3 Figs 6A & 6B           © www.census.gov.  
Question 4 Fig. 7                 © <http://en.wikipedia.org>.

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