



Cambridge Assessment International Education
Cambridge International General Certificate of Secondary Education

CANDIDATE
NAME

CENTRE
NUMBER

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GEOGRAPHY

0460/11

Paper 1

October/November 2019

1 hour 45 minutes

Candidates answer on the Question Paper.

Additional Materials: Ruler
 Protractor
 Calculator

READ THESE INSTRUCTIONS FIRST

Write your centre number, candidate number and name in the spaces provided.

Write in dark blue or black pen.

You may use an HB pencil for any diagrams or graphs.

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

DO **NOT** WRITE IN ANY BARCODES.

Write your answer to each question in the space provided.

If additional space is required, you should use the lined pages at the end of this booklet. The question number(s) must be clearly shown.

Answer **three** questions, **one** from each section.

The Insert contains Figs. 2.1 and 2.2 for Question 2, Figs. 3.2, 3.3 and 3.4 for Question 3, and Figs. 6.1 and 6.2 for Question 6.

The Insert is **not** required by the Examiner.

Sketch maps and diagrams should be drawn whenever they serve to illustrate an answer.

At the end of the examination, fasten all your work securely together.

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

Definitions

MEDCs – More Economically Developed Countries

LEDCs – Less Economically Developed Countries

This syllabus is regulated for use in England, Wales and Northern Ireland as a Cambridge International Level 1/Level 2 Certificate.

This document consists of **28** printed pages and **1** Insert.

Section A

Answer **one** question from this section.

- 1 (a) Study Fig. 1.1, which shows information about population change in Norway between January 1 and 30 April 2013.

births	14 168
deaths	11 363
immigration	18 948
emigration	9 319

Fig. 1.1

- (i) The total population of Norway on 1 January 2013 was 5 051 275. Which of the following describes what happened to the total population by 30 April 2013? Tick **one** answer in the table below:

	Tick (✓)
decreased	
increased	
stayed the same	

[1]

- (ii) Calculate the net migration for Norway between 1 January and 30 April 2013. You should show your calculations.

[2]

- (iii) Suggest **three** reasons why many MEDCs in Europe have positive net migration.

1

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2

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3

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[3]

(iv) Describe the difficulties faced by international migrants moving to and living in a new country.

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..... [4]

2 (a) Study Fig. 2.1 (Insert), which is a photograph of an area in southern Africa.

(i) Which of the following best describes the type of area shown in Fig. 2.1?
Tick **one** answer in the table below:

	Tick (✓)
rural	
suburban	
urban	

[1]

(ii) Using evidence from Fig. 2.1 **only**, describe **two** features of the settlement in the area.

1

.....

2

..... [2]

(iii) Describe the likely service provision in areas such as that shown in Fig. 2.1.

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..... [3]

- (iv) In any country there is a hierarchy of settlements and services.
Explain the meaning of this statement. You may use a diagram or diagrams.

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[4]

Section B

Answer **one** question from this section.

3 (a) Study Fig. 3.1, which shows different parts of a river and its valley.

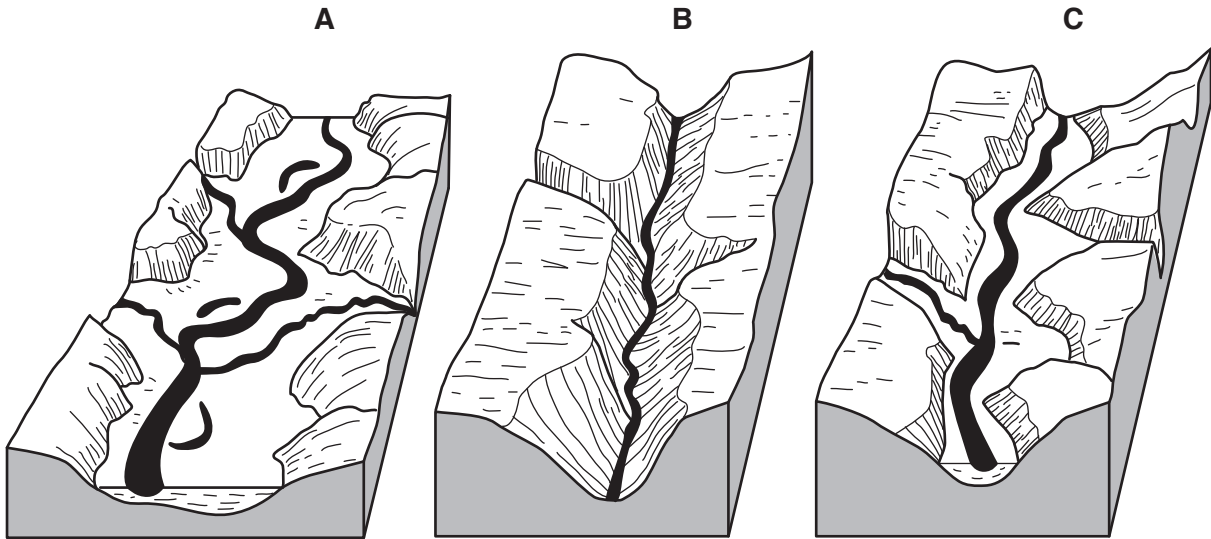


Fig. 3.1

(i) In which diagram, **A**, **B** or **C**, does the river valley have the steepest sides and narrowest valley floor?

..... [1]

(ii) Which diagram is closest to the mouth of the river?
Give a reason for your answer.

Diagram chosen

Reason for choice

..... [2]

(iii) Explain how erosion will take place along the river shown in Fig. 3.1.

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..... [3]

(c) Explain how a delta is formed. Include a fully labelled diagram or diagrams.

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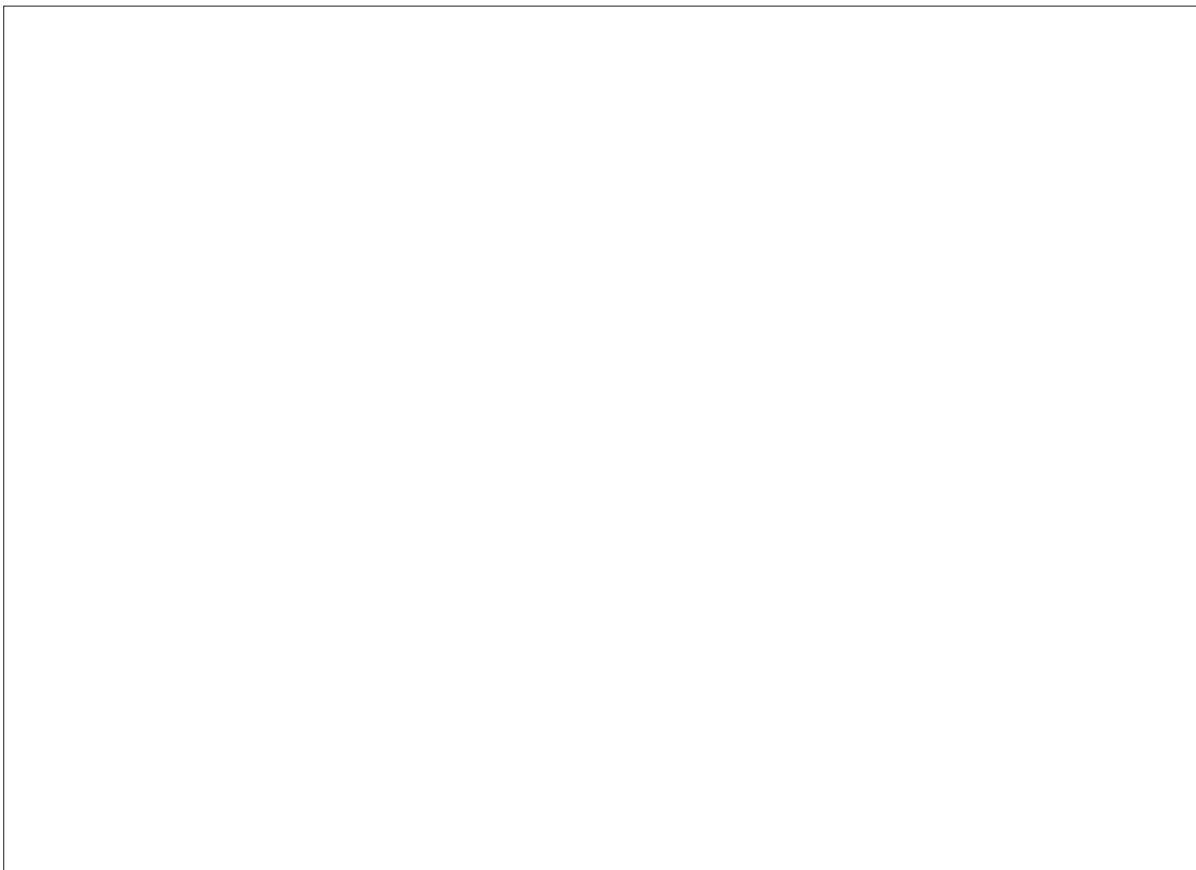
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[7]

[Total: 25]

- 4 (a) Study Fig. 4.1, which is a diagram showing information about a tropical rainforest ecosystem in an area of equatorial climate.

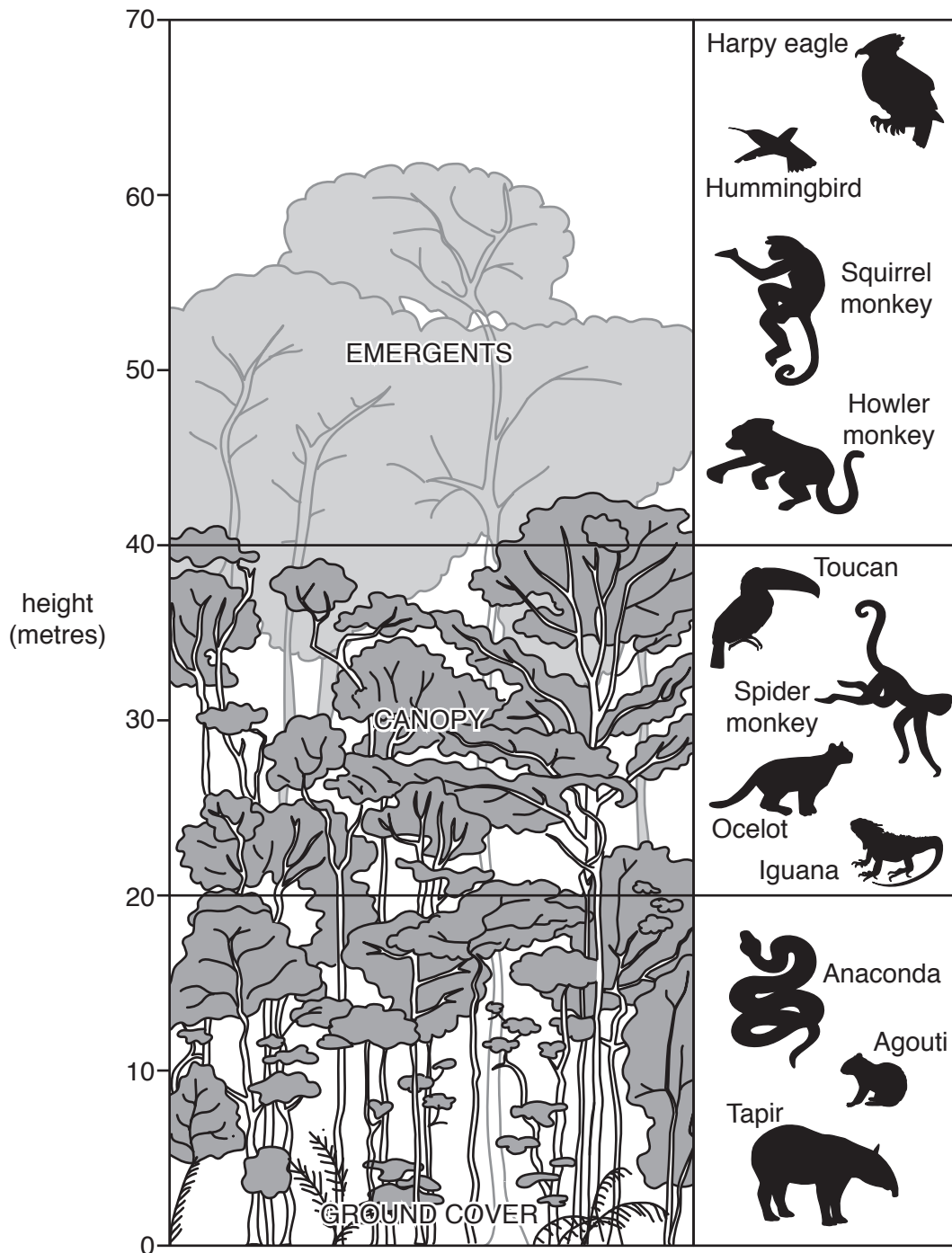


Fig. 4.1

- (i) State the maximum height of the emergents shown in Fig. 4.1.
 metres [1]
- (ii) Identify from Fig. 4.1, **one** example of:
- wildlife which lives in the canopy [2]
 - wildlife which lives in the ground cover.

(iii) Suggest reasons why some animals live in the canopy but others live in the ground cover in a tropical rainforest.

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..... [3]

(iv) Explain why the equatorial climate is hot and wet.

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..... [4]

(b) Study Fig. 4.2, a map of the Amazon Basin, an area of tropical rainforest.

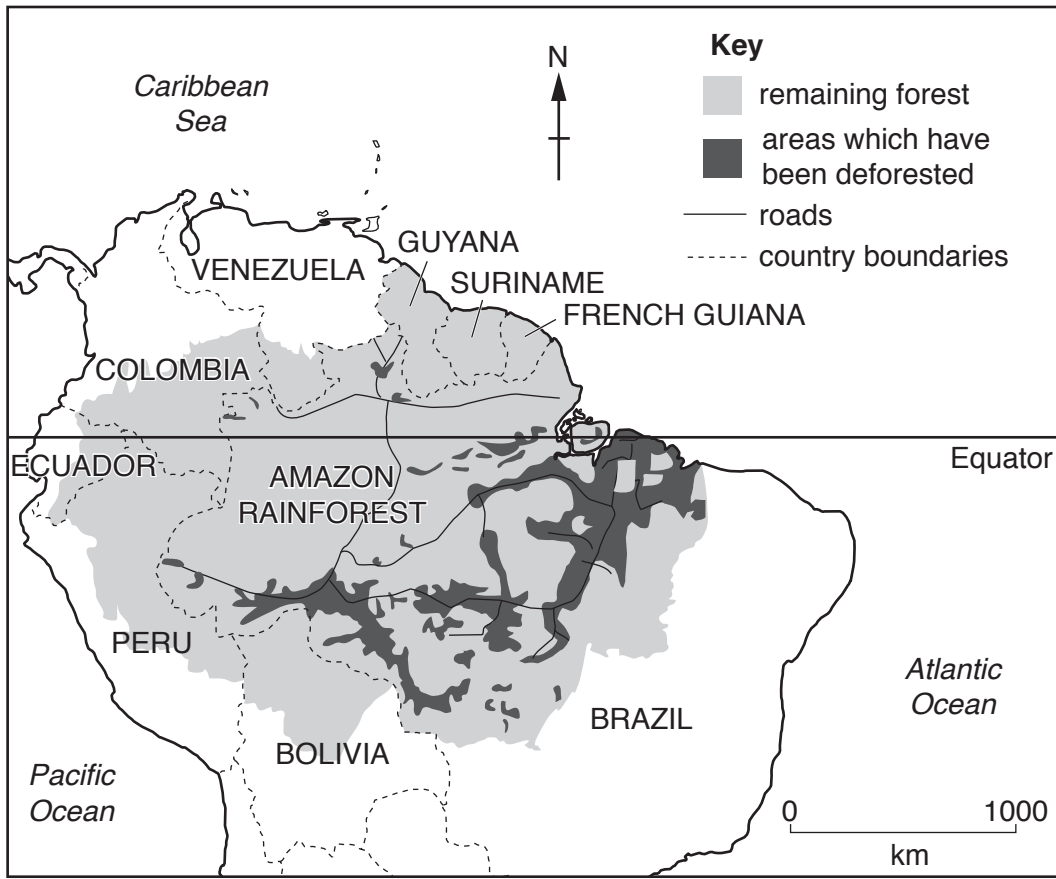


Fig. 4.2

(i) Using Fig. 4.2 **only**, describe the distribution of the areas where deforestation has taken place in the Amazon Basin.

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..... [3]

Section C

Answer **one** question from this section.

- 5 (a) Study Fig. 5.1, which shows information about the employment structure of Cameroon, Italy and Japan.

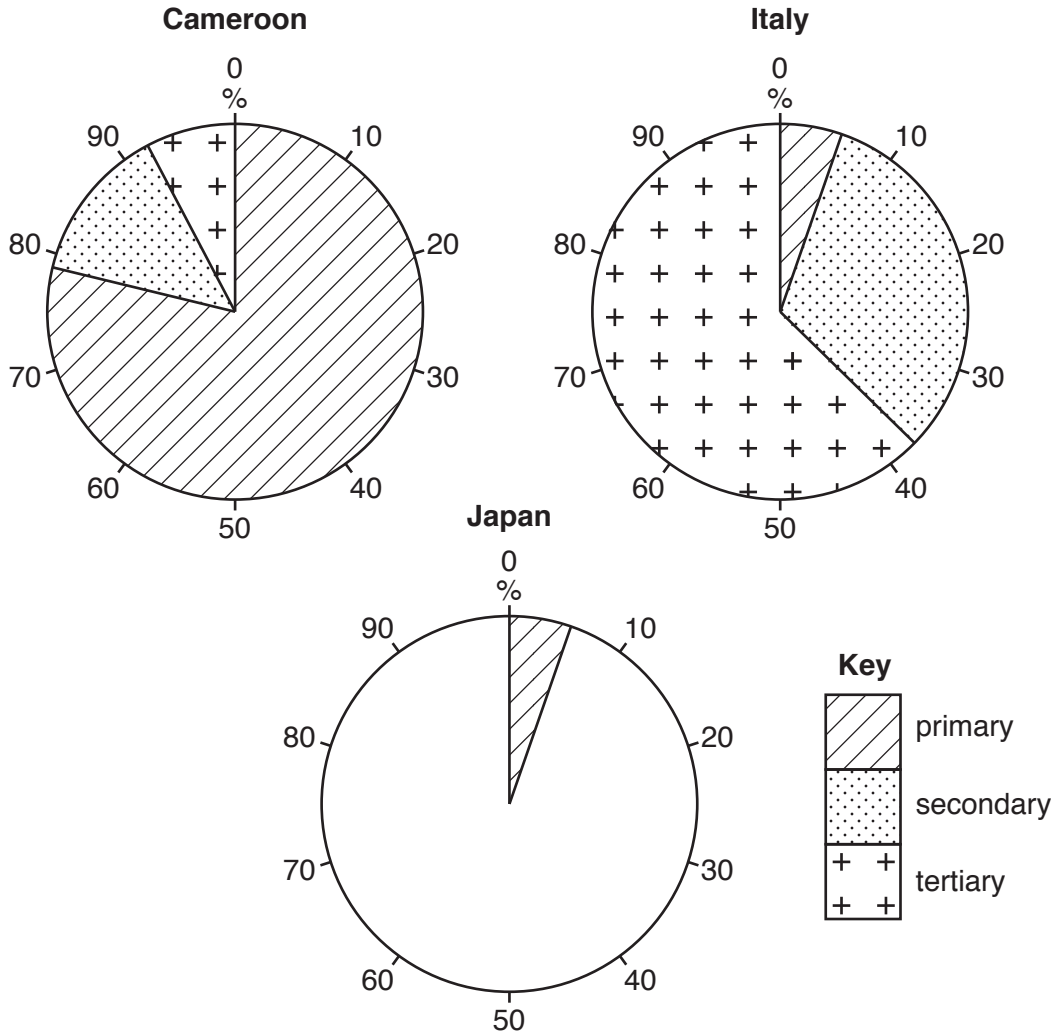


Fig. 5.1

- (i) Give **one** example of a worker in the tertiary sector.

.....

[1]

- (ii) **Complete the pie graph** in Fig. 5.1 to show the following information for Japan:

Secondary employment = 25%

Tertiary employment = 70%

[2]

6 (a) Study Figs. 6.1 and 6.2 (Insert), which are photographs of a commercial farm.

(i) What is meant by a *commercial* farm?

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.....
..... [1]

(ii) What evidence in Figs. 6.1 and 6.2 suggests that the farm shown is a mixed farm?

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

(iii) Insert the following words into the table below to show examples of inputs, processes and outputs of the farm shown in Figs. 6.1 and 6.2.

Choose from the words below.

milk
ploughing

wheat
water

harvesting
pesticides

inputs	processes	outputs

[3]

(iv) Explain **two** factors which are likely to affect the way in which the farmer uses the land on the farm shown in Figs. 6.1 and 6.2.

1
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2
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..... [4]

(b) Study Fig. 6.3, which shows information about grain production in Brazil between 1990 and 2014.

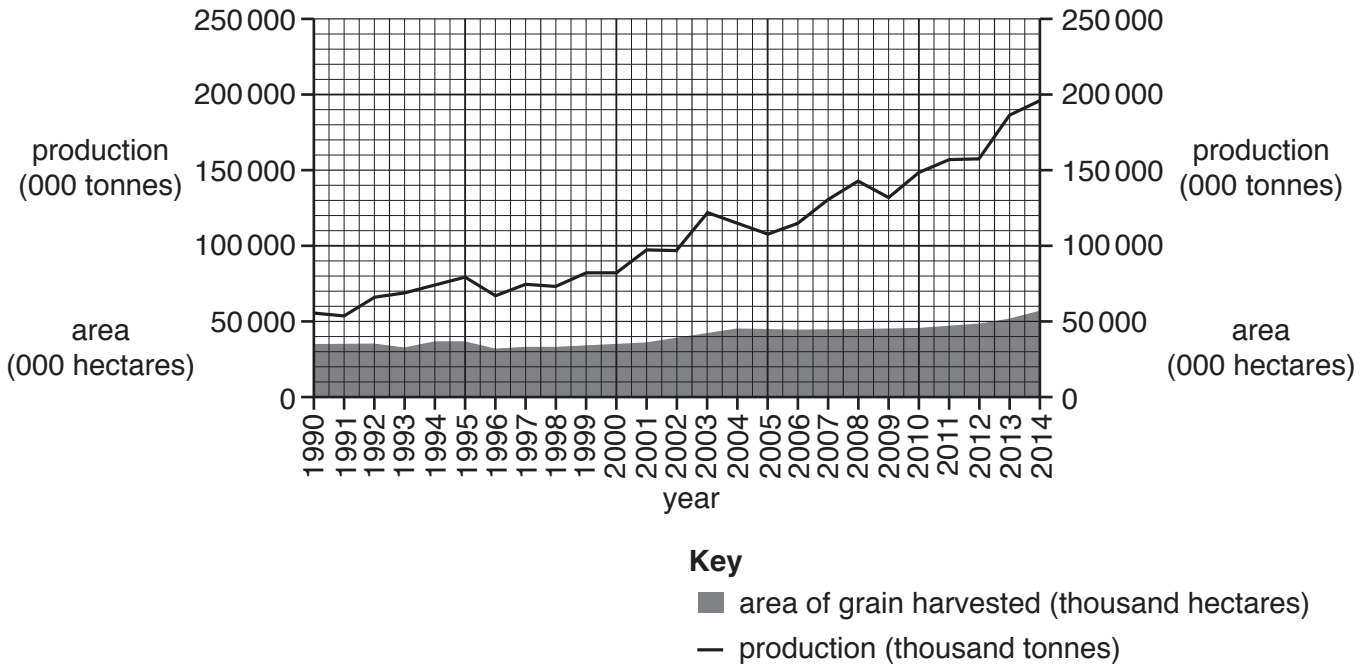


Fig. 6.3

(i) Compare the change in grain production in Brazil with the change in the area of land planted with grain and harvested between 1990 and 2014. You should refer to years and use statistics in your answer.

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