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GEOGRAPHY

0460/13

Paper 1 Geographical Themes

October/November 2025

1 hour 45 minutes

You must answer on the question paper.

You will need: Insert (enclosed)
Calculator
Protractor

Ruler

INSTRUCTIONS

- Answer **three** questions in total, **one** from each section.
- Use a black or dark blue pen. You may use an HB pencil for any diagrams or graphs.
- Write your name, centre number and candidate number in the boxes at the top of the page.
- Write your answer to each question in the space provided.
- Do **not** use an erasable pen or correction fluid.
- Do **not** write on any bar codes.
- If additional space is needed, you should use the lined pages at the end of this booklet; the question number or numbers must be clearly shown.

INFORMATION

- The total mark for this paper is 75.
- The number of marks for each question or part question is shown in brackets [].
- The insert contains additional resources referred to in the questions.

LEDCs – Less Economically Developed Countries

MEDCs – More Economically Developed Countries

This document has **32** pages. Any blank pages are indicated.

Section A

Answer **one** question from this section.

- 1 (a) Study Fig. 1.1, a graph showing the population of Africa and Europe between 1950 and 2100 (predicted).

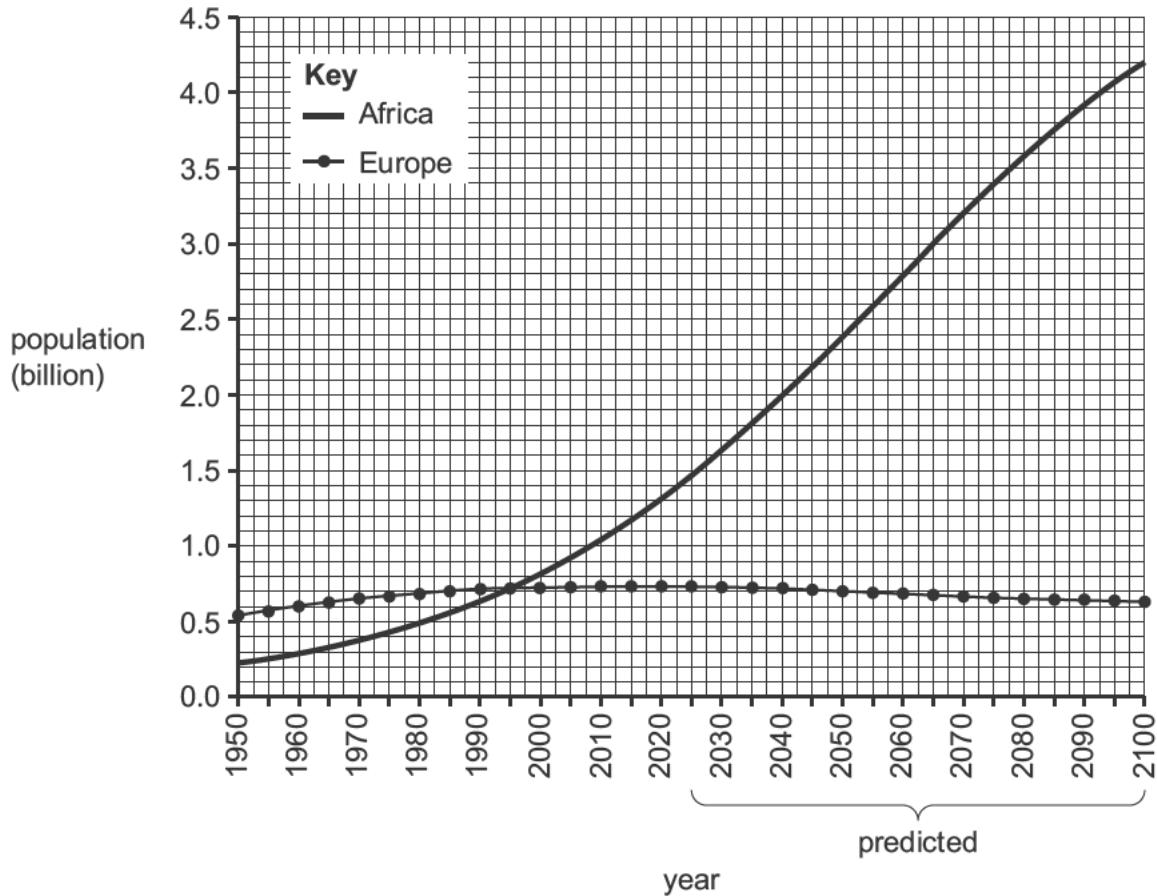


Fig. 1.1

- (i) In what year did Africa and Europe have the same population?

.....

[1]

- (ii) Using Fig. 1.1 **only**, describe the growth in the population of **Africa** between 1950 and 2020.

Use statistics in your answer.

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[2]



- (iii) Using Fig. 1.1 **only**, describe the predicted change in the population of **Africa** between 2025 and 2100.

Use statistics in your answer.

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..... [3]

- (iv) Suggest reasons for the predicted decline in the population of **Europe** from 2025. You should refer to birth rates and death rates.

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..... [4]



- (b) Study Fig. 1.2, showing information about fertility rates (the average number of children born per woman) and the percentage of women who had a secondary school education in Kenya (an LEDC in Africa) between 1980 and 2015.

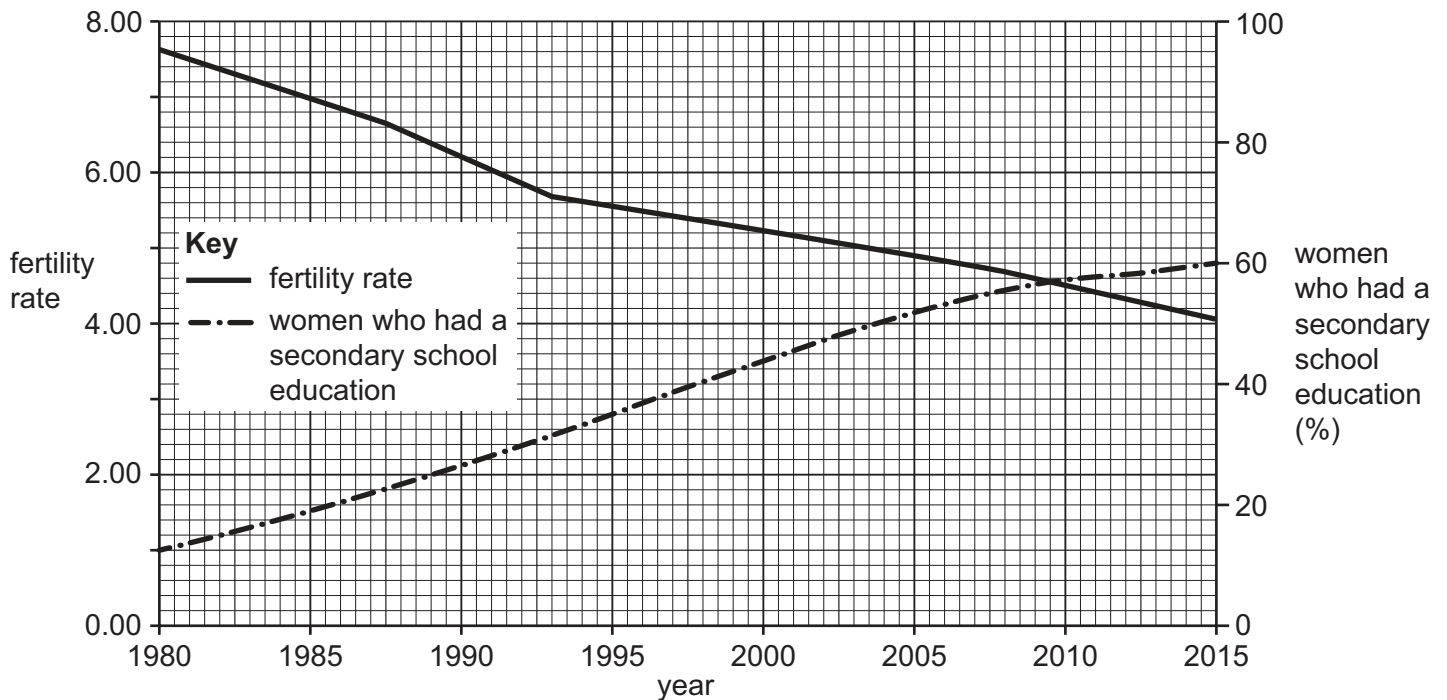


Fig. 1.2

- (i) Using Fig. 1.2 **only**, describe the impact that the education of women had on fertility rates in Kenya between 1980 and 2015. Use statistics in your answer.

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..... [3]





- (ii) Suggest why religion and tradition may make it difficult to reduce population growth in some LEDCs.

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..... [5]





(c) For a named country you have studied, describe the problems caused by **overpopulation**.

Name of country

[illegible]

- 2 (a) Study Fig. 2.1, a pie graph showing the population size of villages in India, an LEDC in Asia.

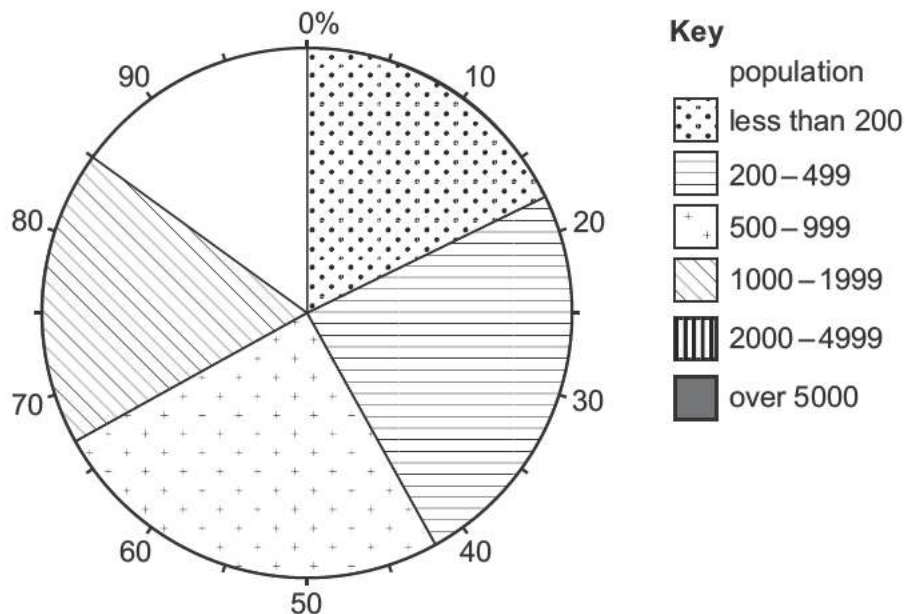


Fig. 2.1

- (i) What percentage of villages in India have a population of less than 200?

.....%

[1]

- (ii) Complete Fig. 2.1 by plotting the following information.

population size	percentage of villages (%)
2000 – 4999	10
over 5000	5

[2]





- (iii) Underline a service from the list below which is most likely to be available in a village in an LEDC with a population of between 500 and 999. Give reasons for your choice.

cinema

clinic

hospital

jewellers

reasons for your choice

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..... [3]

- (iv) Explain why some rural settlements in LEDCs have experienced a decline in population.

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..... [4]



(b) Study Fig. 2.2 (Insert), a photograph of a settlement on the island of Lanzarote, Spain, an MEDC in Europe.

(i) Using Fig. 2.2 **only**, describe **three** characteristics of the settlement.

- 1
- 2
- 3
- [3]

(ii) Suggest reasons for the location of the settlement shown in Fig. 2.2.

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-
-
- [5]





- (c) For a named **urban area** you have studied, describe the effects of urban sprawl on the natural environment of the surrounding rural area.

Name of urban area

..... [7

[Total: 25]







Section B

Answer **one** question from this section.

3 (a) Study Figs. 3.1 and 3.2 (Insert), photographs of methods used to manage coastal erosion.

(i) Identify the method of coastal management shown in Fig. 3.1.

..... [1]

(ii) Explain how the method of coastal management shown in Fig. 3.1 protects the coast from erosion.

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..... [2]

(iii) Explain how the coastal area shown in Fig. 3.2 is being protected from erosion.

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..... [3]

(iv) Explain why some areas need to be protected from coastal erosion.

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..... [4]



(b) Study Fig. 3.3 (Insert), a photograph of a headland.

(i) Describe the features of the headland shown in Fig. 3.3.

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..... [3]

(ii) Explain how the headland shown in Fig. 3.3 has been formed and shaped by processes of coastal erosion.

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(c) Explain how a delta is formed.
You should include a labelled diagram.

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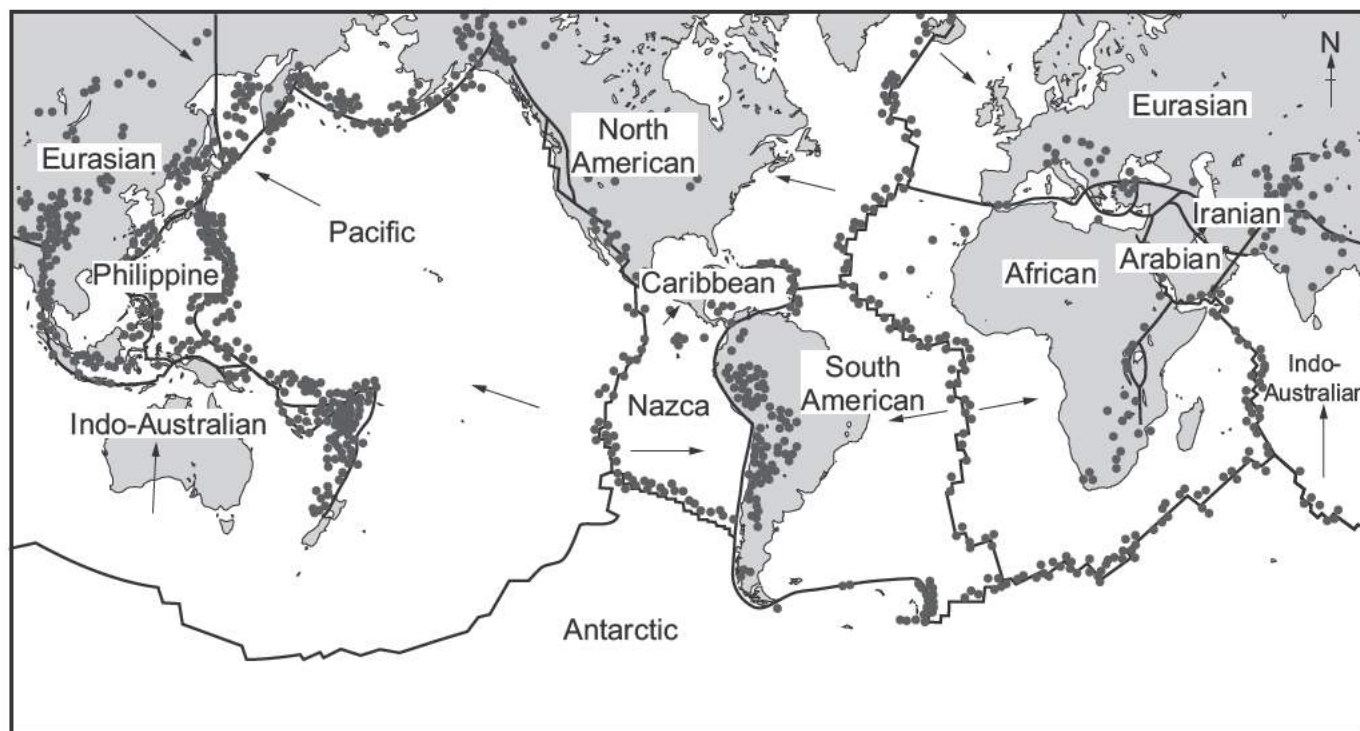
[7]

[Total: 25]





4 (a) Study Fig. 4.1, a map which shows the distribution of earthquakes.



Key

— plate boundary

→ direction in which plate is moving

••• earthquakes

Pacific name of tectonic plate

Fig. 4.1

(i) Using Fig. 4.1 **only**, name a plate which is moving from west to east.

..... [1]

(ii) Using Fig. 4.1 **only**, name two plates which are moving towards each other at a convergent (destructive) plate boundary.

..... and [2]

(iii) Describe the distribution of earthquakes shown in Fig. 4.1.

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..... [3]





(iv) Describe the natural processes which cause earthquakes to occur.

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- (b) Study Fig. 4.2, a map showing the location of an earthquake in Nepal, an LEDC in South Asia, in 2015.

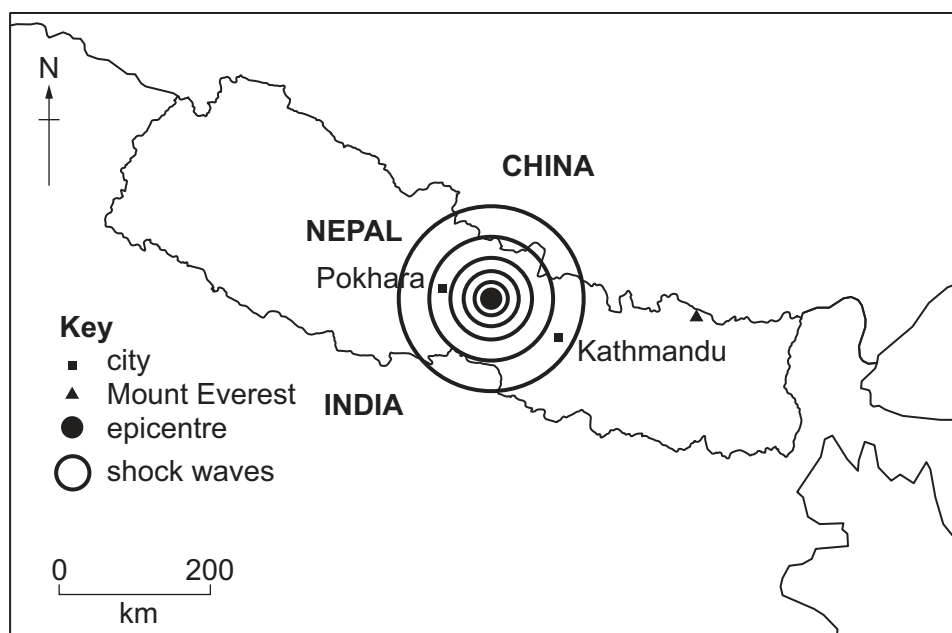


Fig. 4.2

- (i) Using Fig. 4.2 **only**, describe the location of the epicentre of the Nepal earthquake.

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..... [3]



- (ii) The earthquake in Nepal was severe and measured 7.8 on the Richter Scale. Suggest reasons why it was hazardous to the people living there.

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..... [5]





- (c)** For a named area you have studied, explain what has been done to reduce the problems caused by earthquakes.

Name of area

..... [7

[Total: 25]





Section C

Answer **one** question from this section.

- 5 (a) Study Fig. 5.1, a graph showing information about the changing importance of agriculture, industry and services to the economy of Pakistan, an LEDC in South Asia, between 2011 and 2021.

Content removed due to copyright restrictions.

Fig. 5.1

- (i) What is GNP (Gross National Product) a measure of?

Tick (✓) **one** answer.

	tick (✓)
the amount of money spent by the government of a country	
the number of factories and farms in a country	
the percentage of wealthy people in a country	
the value of all products and services produced by the people of a country	





(ii) Using Fig. 5.1 **only** identify the following:

the percentage share of agriculture in 2011%

the percentage share of services in 2021.%

[2]

(iii) Describe the changes in the overall share of the GNP from agriculture, industry and services in Pakistan between 2011 and 2021.

Do **not** use statistics.

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..... [3]

(iv) Explain **two** reasons why a smaller percentage of the population are employed in agriculture in MEDCs than in LEDCs such as Pakistan.

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- (b) Study Fig. 5.2, a scatter graph showing the relationship between GNP and government spending on education in selected countries over a period of time.

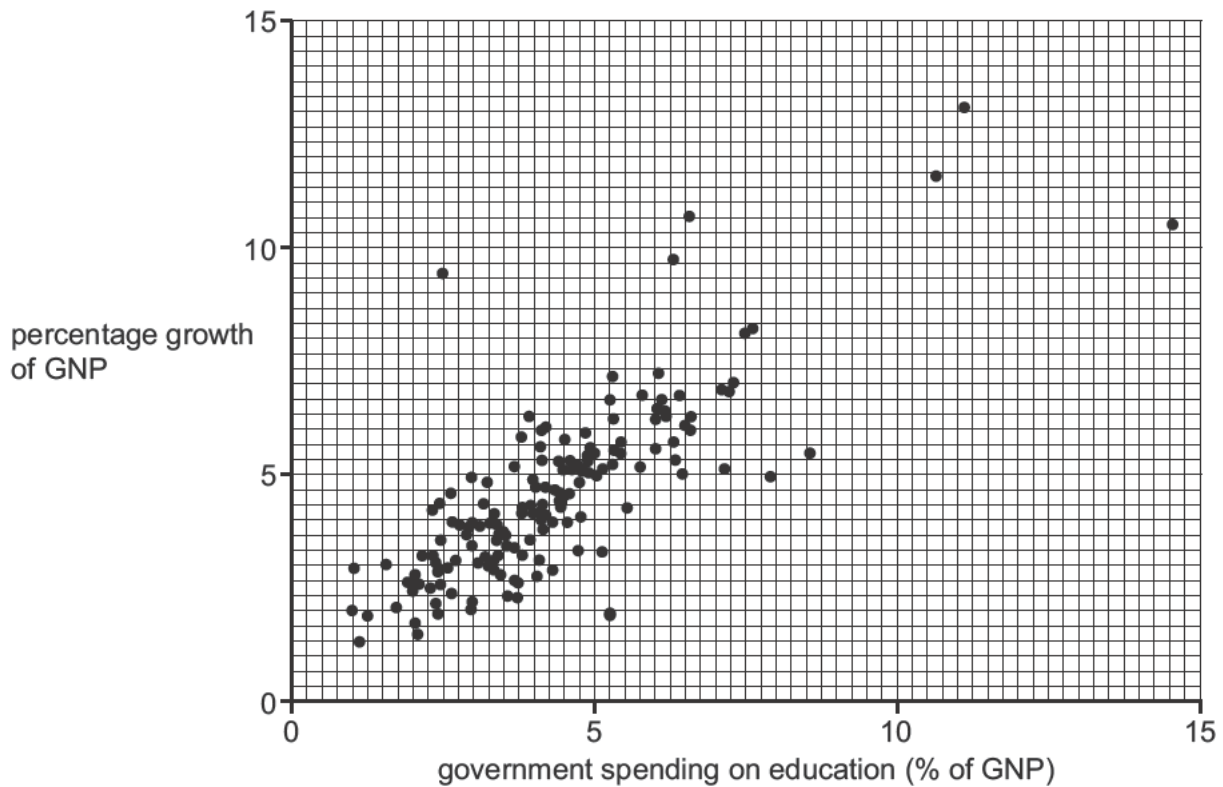


Fig. 5.2

- (i) To what extent is there a relationship between government spending on education and the growth of GNP?
You should use statistics to support your answer.

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..... [3]





- (ii) Explain why the Human Development Index (HDI) is a better indicator of development than GNP per capita.

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..... [5]





(c) Describe and explain the process of globalisation. You should refer to named places in your answer.

[7]

[Total: 25]





6 (a) Study Fig. 6.1 (Insert), a flow diagram showing information about the stages in the production of mobile phones (cell phones).

(i) Which **one** of the following industries is the production of mobile phones an example of? Tick (✓) **one** answer.

	tick (✓)
assembly	
manufacturing	
processing	
tertiary	

[1]

(ii) Using Fig. 6.1, identify **two** inputs required for the production of mobile phones.

1

2

[2]

(iii) Identify the processes in the production of mobile phones shown in Stages 1, 2 and 3 of Fig. 6.1.

Stage 1

Stage 2

Stage 3

[3]

(iv) Suggest reasons why many producers of mobile phones are transnational corporations (TNCs).

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..... [4]





(b) Study Fig. 6.2 (Insert), a photograph of a factory.

(i) Describe the main features of the factory shown in Fig. 6.2.

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..... [3]

(ii) Explain why transport links are an important factor influencing the location of industry.

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- (c)** For an area you have studied, explain how the risks to the local natural environment of a named economic activity are being managed.

Name of area

Economic activity

..... [7]





Additional page

If you use the following page to complete the answer to any question, the question number must be clearly shown.

This image shows a full page of a handwriting practice worksheet. It consists of multiple sets of three horizontal dashed lines, providing a guide for letter height and placement. The lines are evenly spaced across the entire page, leaving ample room for writing practice. There is no text or other markings on the page.



Additional page

If you use the following page to complete the answer to any question, the question number must be clearly shown.

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