



# **Cambridge IGCSE™**

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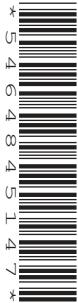
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## **GEOGRAPHY**

**0460/21**

Paper 2 Geographical Skills

**October/November 2023**

**1 hour 30 minutes**

You must answer on the question paper.

You will need: Insert (enclosed)

Plain paper

1:25 000 survey map (enclosed)

Protractor

Calculator

Ruler

## **INSTRUCTIONS**

- Answer **all** questions.
- 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 60.
- The number of marks for each question or part question is shown in brackets [ ].
- The insert contains additional resources referred to in the questions.

Definitions

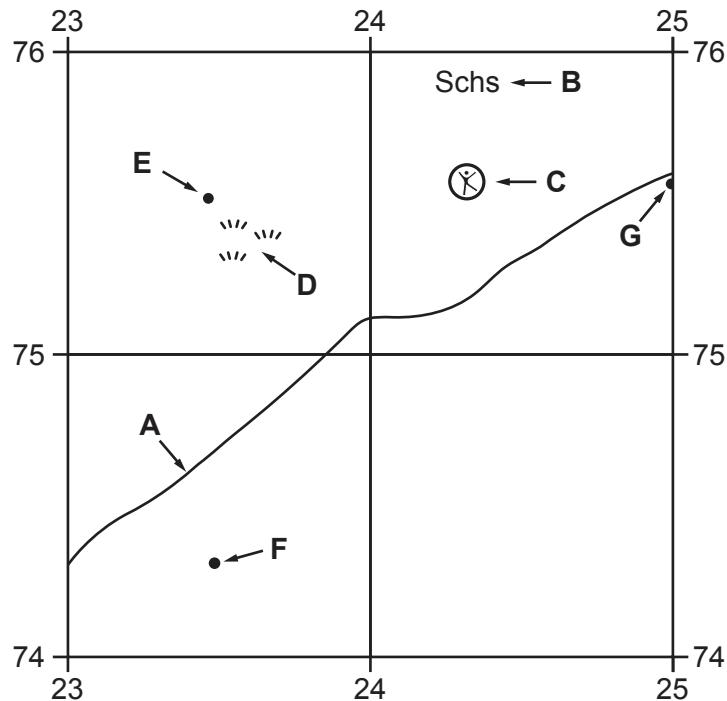
MEDCs – More Economically Developed Countries

LEDCs – Less Economically Developed Countries

This document has **16** pages. Any blank pages are indicated.

1 Study the map extract for Gourock, Scotland. The scale is 1:25 000.

(a) Fig. 1.1 shows some of the features around Spango in the map extract.



**Fig. 1.1**

Using the map extract, identify the following features shown in Fig. 1.1:

(i) the type of road at **A**

..... [1]

(ii) feature **B**

..... [1]

(iii) feature **C**

..... [1]

(iv) the land use at **D**

..... [1]

(v) the height above sea level of the spot height (survey height) at **E**.

..... metres [1]

(b) Study the railway line which runs north-east from the railway station at **F** shown on Fig. 1.1.

(i) Give the six-figure grid reference of the railway station at IBM station, shown as **F** on Fig. 1.1.

..... [1]

(ii) What is the distance along the railway line **from** the railway station at IBM station **F** **to** the next railway station located to the north-east at Branchton, shown as **G** on Fig. 1.1?

..... metres [1]

(iii) Measure the bearing **from** the railway station at IBM station **F** **to** the next railway station located to the north-east at Branchton, shown as **G** on Fig. 1.1.

..... degrees [1]

(c) Look again at the railway line on the map extract.

Describe the relief to the **south-east** of the railway line.

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[5]

(d) Describe the physical (natural) and human features of the coastline shown on the map extract.

physical features .....

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human features .....

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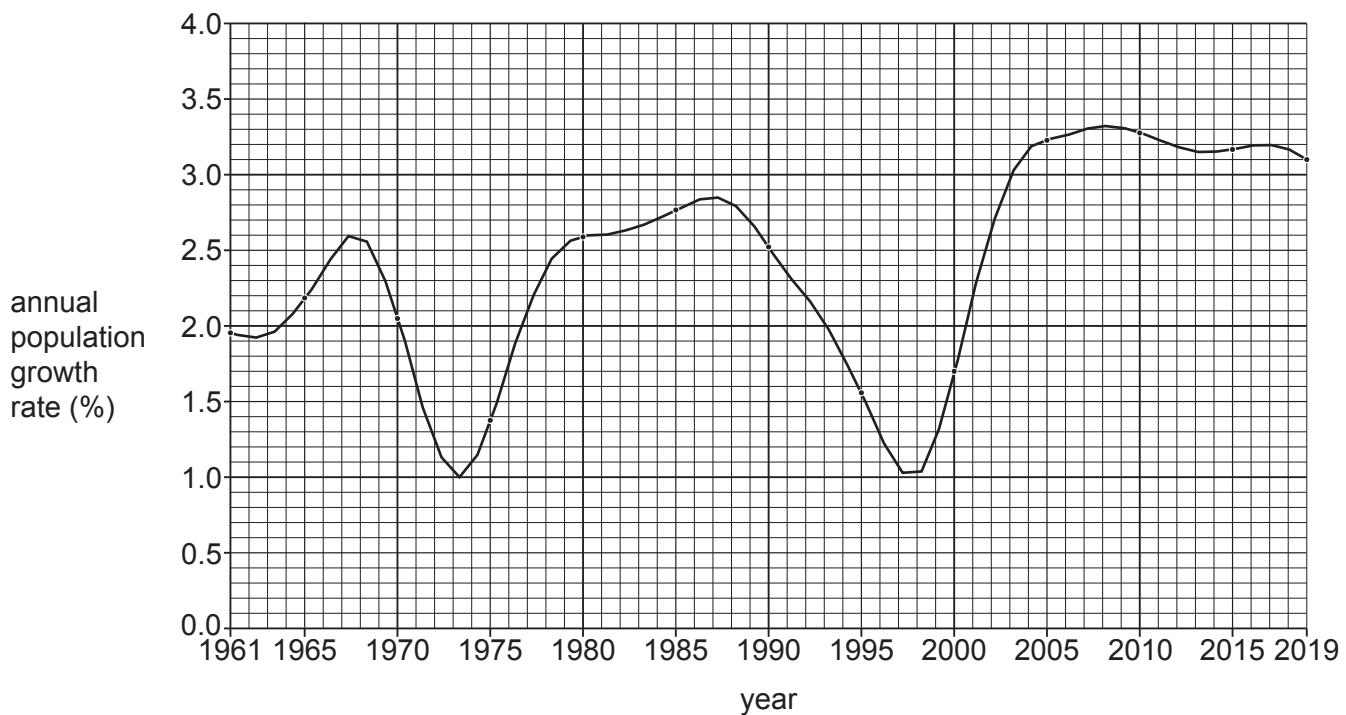
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.....

[7]

[Total: 20]

2 Fig. 2.1 shows the annual population growth rate of Burundi, Africa, between 1961 and 2019.



**Fig. 2.1**

(a) (i) Using Fig. 2.1, describe the overall pattern of the annual population growth rate between 1961 and 2019. Use statistics in your answer.

.....  
 .....  
 .....  
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 .....  
 .....  
 .....  
 ..... [4]

(ii) Suggest **two** reasons why a country's population growth rate might decline.

1 .....  
 .....  
 .....  
 2 .....  
 ..... [2]

(b) Suggest **two** problems that could be caused by a high population growth rate.

1 .....

2 .....

..... [2]

[Total: 8]

3 Figs. 3.1 and 3.2 (Insert) show the land use in and around the settlement of Birmingham, a city in the UK, in 1700 and 2014.

(a) Using Fig. 3.1, describe the settlement of Birmingham in 1700.

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..... [3]

(b) Using Figs. 3.1 and 3.2, describe how the land use has changed between 1700 and 2014.

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..... [5]

[Total: 8]

4 Fig. 4.1 (Insert) shows pollution in Accra, the capital city of Ghana, a country in Africa.

(a) Using Fig. 4.1, describe **four** types of pollution shown.

1 .....

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2 .....

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3 .....

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4 .....

..... [4]

(b) Suggest **four** reasons why it may be difficult to reduce pollution in a city such as Accra.

1 .....

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2 .....

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3 .....

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4 .....

..... [4]

[Total: 8]

5 Fig. 5.1 (Insert) shows management techniques used to protect the coastline from erosion.

(a) Using Fig. 5.1, name the coastal management techniques shown.

A .....

B .....

C .....

D .....

E .....

[5]

(b) Longshore drift can occur along coastal areas. Draw a labelled diagram to explain how longshore drift occurs.

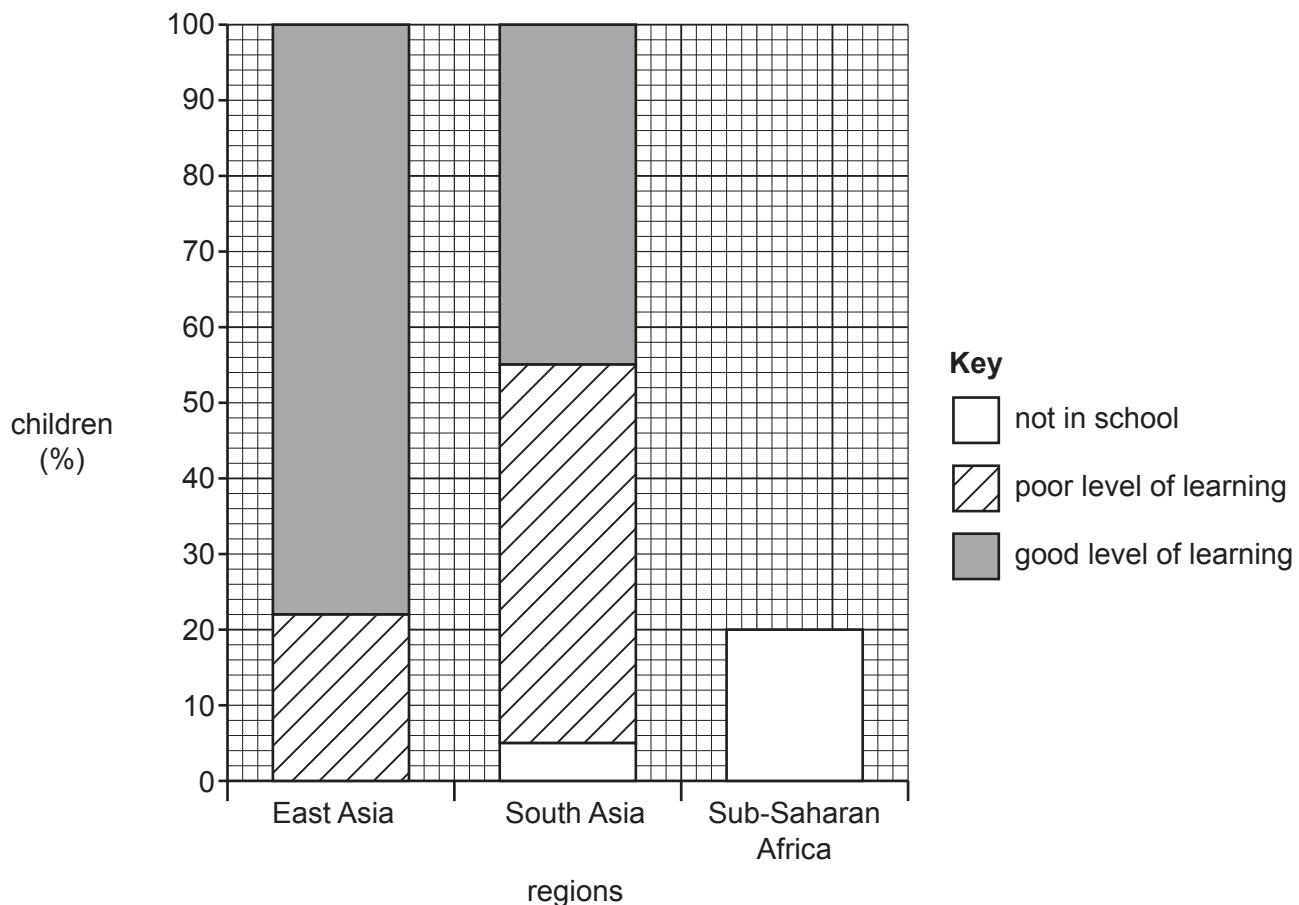


[3]

[Total: 8]

[Turn over]

6 Fig. 6.1 shows levels of children's learning in three regions of the world.



**Fig. 6.1**

(a) (i) Using Fig. 6.1, state the percentage of children who are not in school in Sub-Saharan Africa.

.....% [1]

(ii) Complete Fig. 6.1 for Sub-Saharan Africa using the following statistics:

poor level of learning: 65%  
good level of learning: 15%. [2]

(b) Using Fig. 6.1, compare the levels of learning in East Asia and South Asia. Use statistics to support your answer.

[5]

[Total: 8]

## Additional pages

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







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