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Cambridge Assessment International Education

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CANDIDATE NAME									
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5464845147

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)
1:25 000 survey map (enclosed)
Calculator
Plain paper
Protractor
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.

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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.

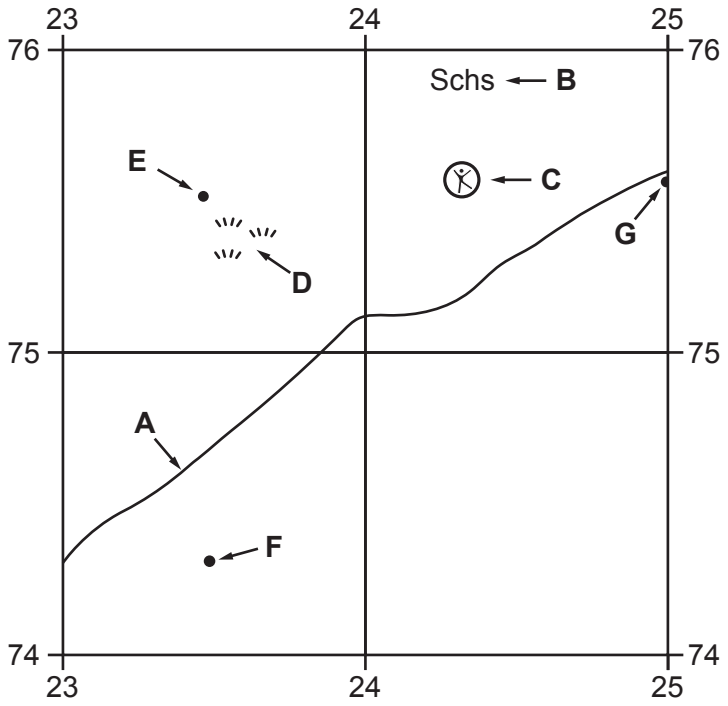

Fig. 1.1

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]

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(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]

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[Turn over

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

physical features .....

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.....

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human features .....

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..... [7]

[Total: 20]

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

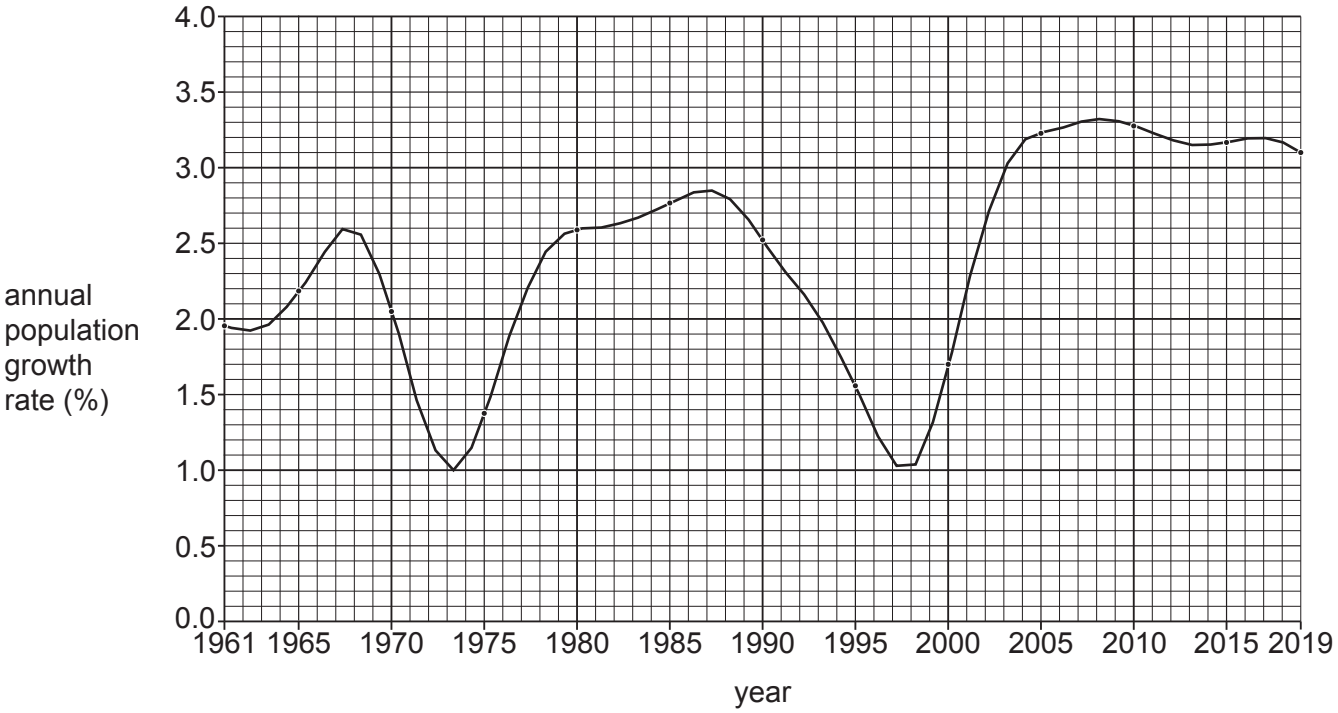

Fig. 2.1

(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]

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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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.....

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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]

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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 .....

.....

2 .....

.....

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]

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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]

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

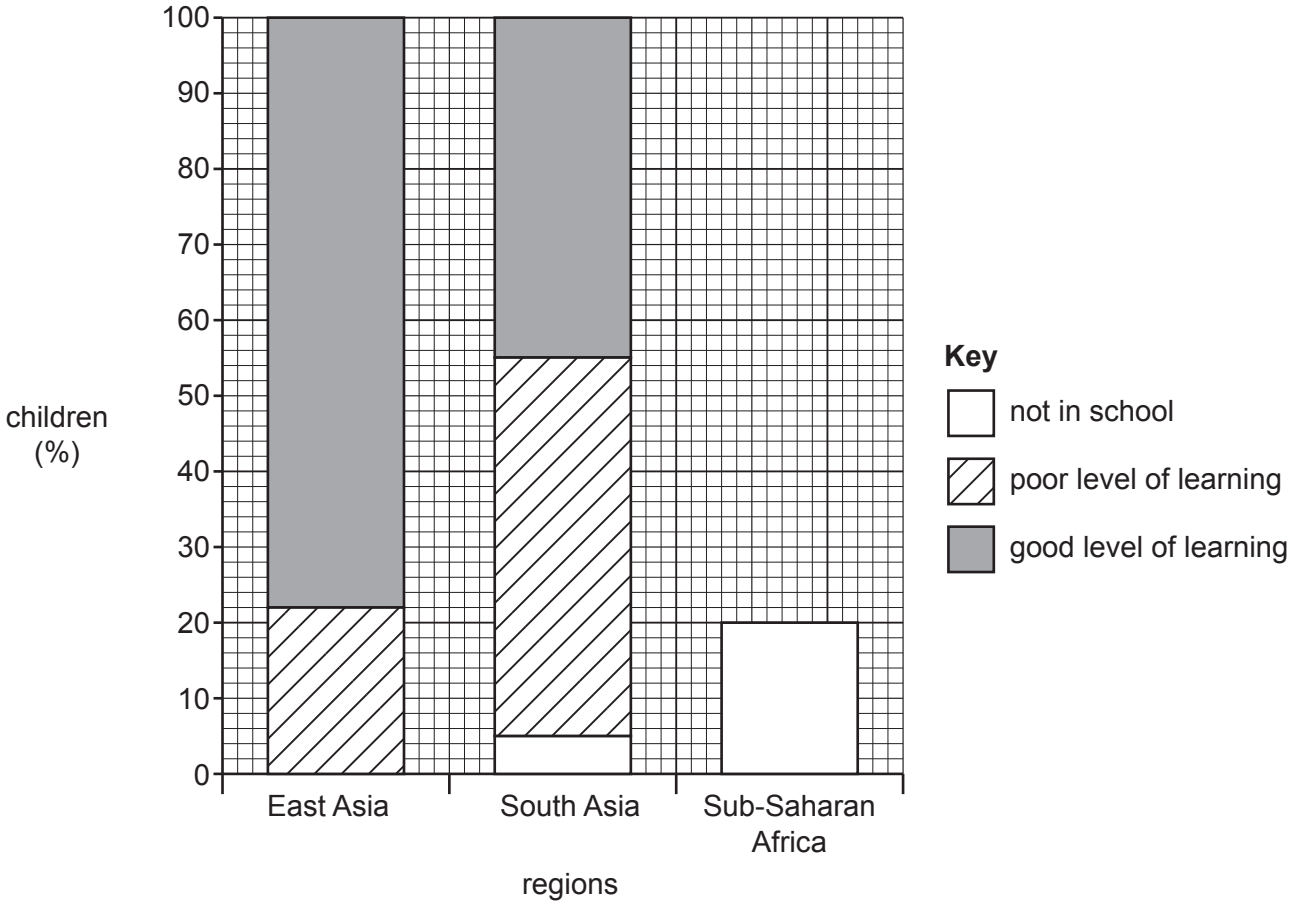

Fig. 6.1

(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]

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

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..... [5]

[Total: 8]

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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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