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GEOGRAPHY **0460/23**

Paper 2 Geographical Skills **May/June 2025**

1 hour 30 minutes

You must answer on the question paper.

You will need: Insert (enclosed)
1:50 000 survey map (enclosed)
Calculator
Plain paper
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.

LEDCs – Less Economically Developed Countries
MEDCs – More Economically Developed Countries

This document has **16** pages.

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[Turn over

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1 Study the map extract for Pont-l'Abbé, France. The scale is 1:50 000.

(a) Fig. 1.1 shows some of the features in the north-west of the map extract.

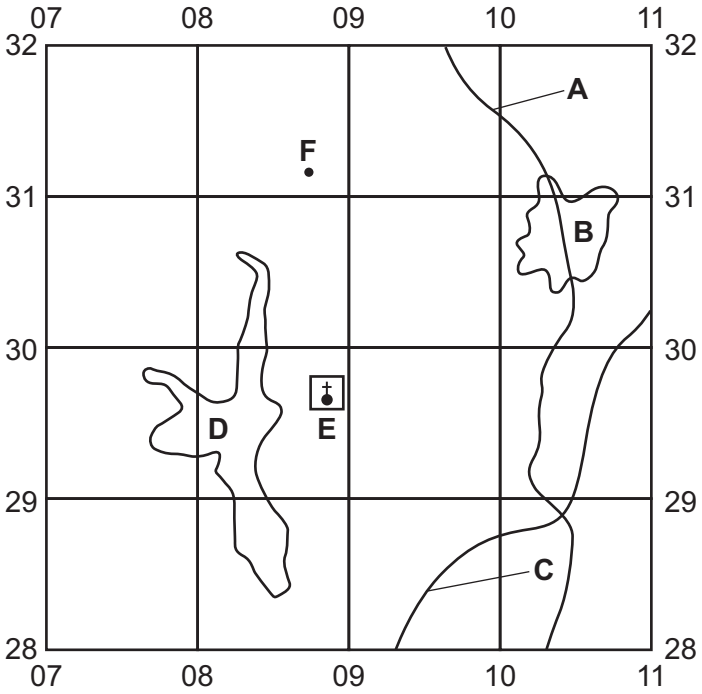


Fig. 1.1

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

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

..... [1]

(ii) settlement at **B**

..... [1]

(iii) feature **C**

..... [1]

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

..... [1]

(v) feature **E**

..... [1]

(vi) the height above sea level of the spot height at **F**.

..... metres [1]

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(b) What is the settlement pattern of Pont-l'Abbé?

..... [1]

(c) Describe the site of the settlement at Pont-l'Abbé.

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..... [3]

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(d) Fig. 1.2 shows two areas, **A** and **B**, in the centre of the map extract. Study areas **A** and **B**.

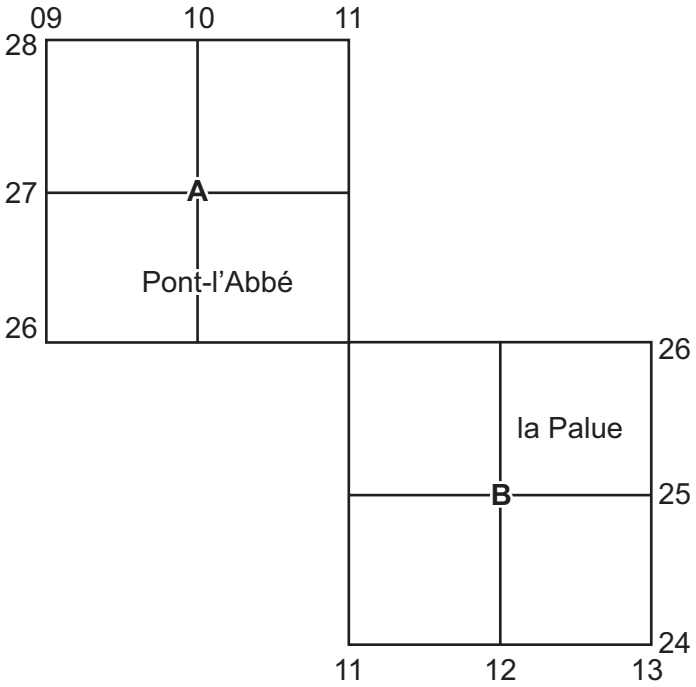


Fig. 1.2

The table compares the features of areas **A** and **B**. **Complete the table** by putting ticks (✓) in the correct **six** boxes. Use only **one** tick for each row.

	area A	area B	both areas	neither area
harbour				
beacon				
signposted hiking trail				
museum				
notable site				
golf course				

[6]

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(e) Describe the drainage and water features to the south-east of Pont-l'Abbé.

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.....

..... [2]

(f) Study the area in the north of the map extract.

(i) What is the distance (in kilometres) along the motorway **from** the northern edge of the map extract **to** the end of the motorway where it meets the main road?

..... kilometres [1]

(ii) Give the six-figure grid reference of the junction where the motorway meets the main road.

Tick (✓) **one** box.

	tick (✓)
107289	
091273	
099277	
279097	

[1]

[Total: 20]

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2 **(a)** Fig. 2.1 shows an urban land-use model for an LEDC.

Fig. 2.2 (Insert) shows photographs of each land-use zone in São Paulo, Brazil. Study the photographs and add the correct labels (B–E) on Fig. 2.1. **A** has been completed for you.

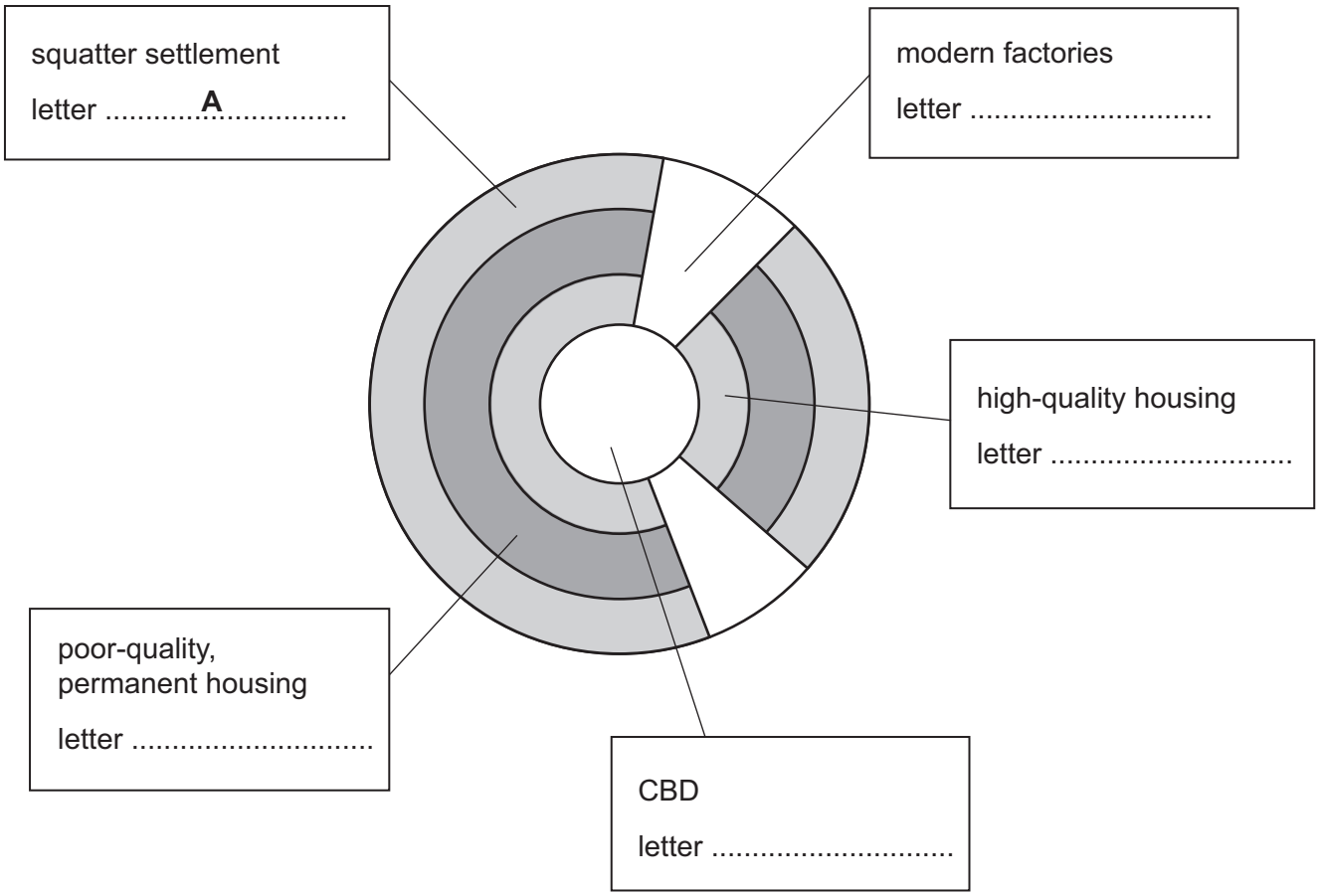


Fig. 2.1

[3]

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(b) Using Figs. 2.1 and 2.2, suggest reasons for the location of

squatter settlements

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high-quality housing

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modern factories.

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[5]

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3 **(a)** Fig. 3.1 shows a sketch of a waterfall.

(i) **Complete the labels on Fig. 3.1** to identify the **four** features of the waterfall.

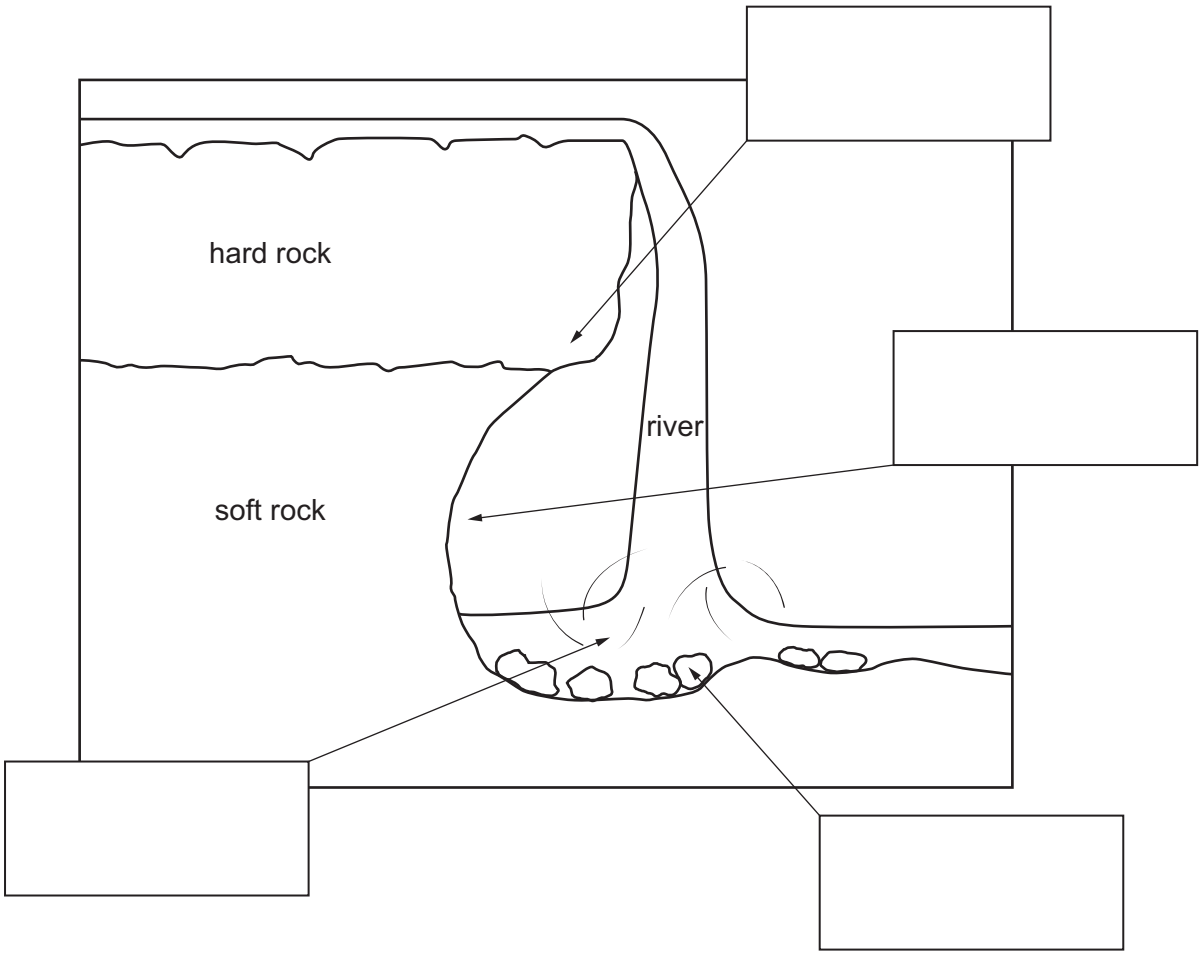


Fig. 3.1

[4]

(ii) Suggest how the waterfall shown in Fig. 3.1 may change in the future.

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..... [1]

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(b) Fig. 3.2 is a diagram of the upper course of a river valley. Waterfalls are often found in the upper course.

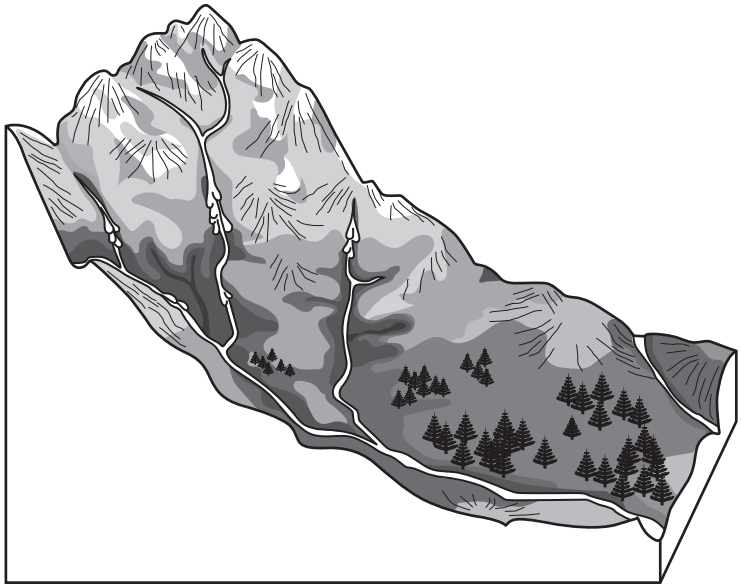


Fig. 3.2

Use Fig. 3.2 to help describe the following features of the upper course:

valley shape

.....

.....

gradient of long profile

.....

.....

channel width.

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.....

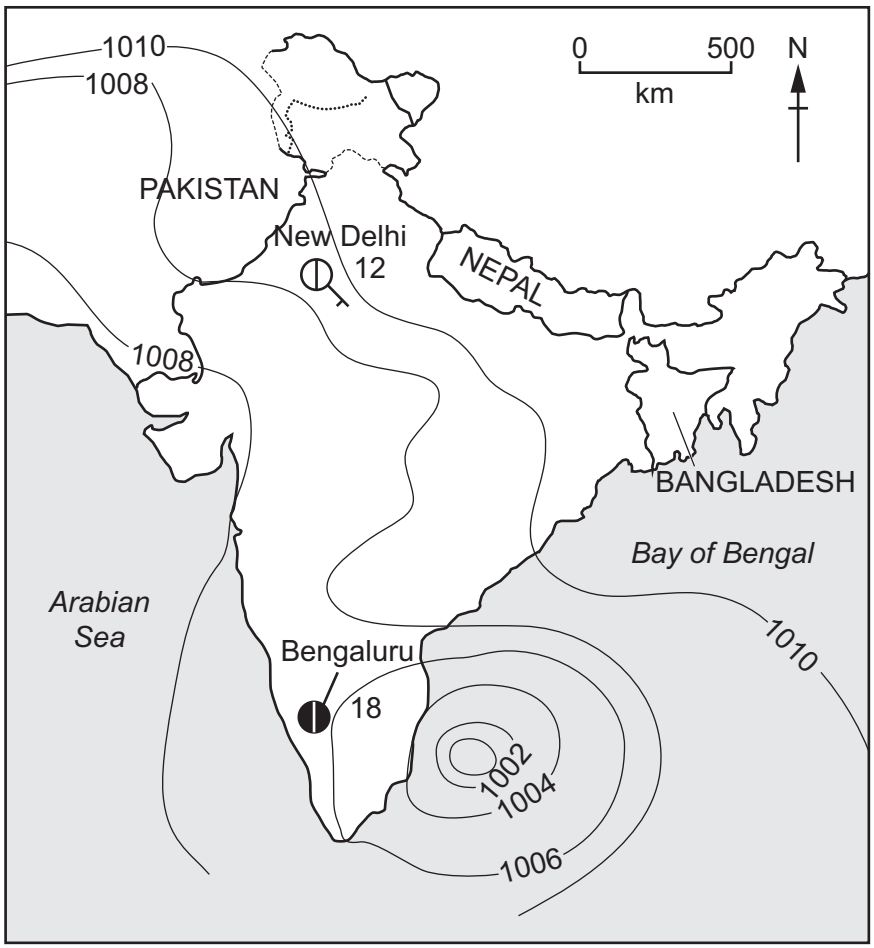
[3]

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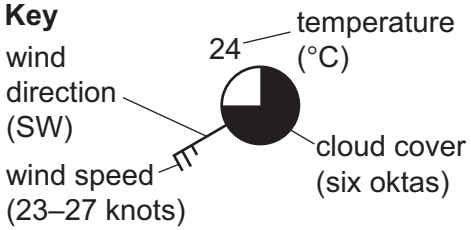
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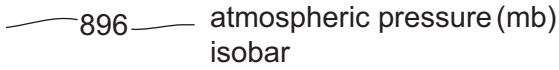
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4 **(a)** Fig. 4.1 is a map showing weather conditions in India at mid-day on one day in February.



Key





cloud cover

- calm
- clear sky
- one okta
- two oktas
- three oktas
- four oktas
- five oktas
- six oktas
- seven oktas
- eight oktas
- sky obscured

wind speed

- 1–2 knots
- 3–7 knots
- 8–12 knots
- 13–17 knots
- 18–22 knots
- 48–52 knots

Fig. 4.1

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(i) **Complete** the 1008 mb isobar line in the south of the map on Fig. 4.1. [1]

(ii) **Shade** the area below 1000 mb on Fig. 4.1. [1]

(b) Use Fig. 4.1 to compare the weather conditions shown at New Delhi and Bengaluru. You should use data in your answer.

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..... [6]

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5 **(a)** Fig. 5.1 shows two volcanoes, Mount Fuji in Japan and Mauna Loa, in Hawaii, USA.

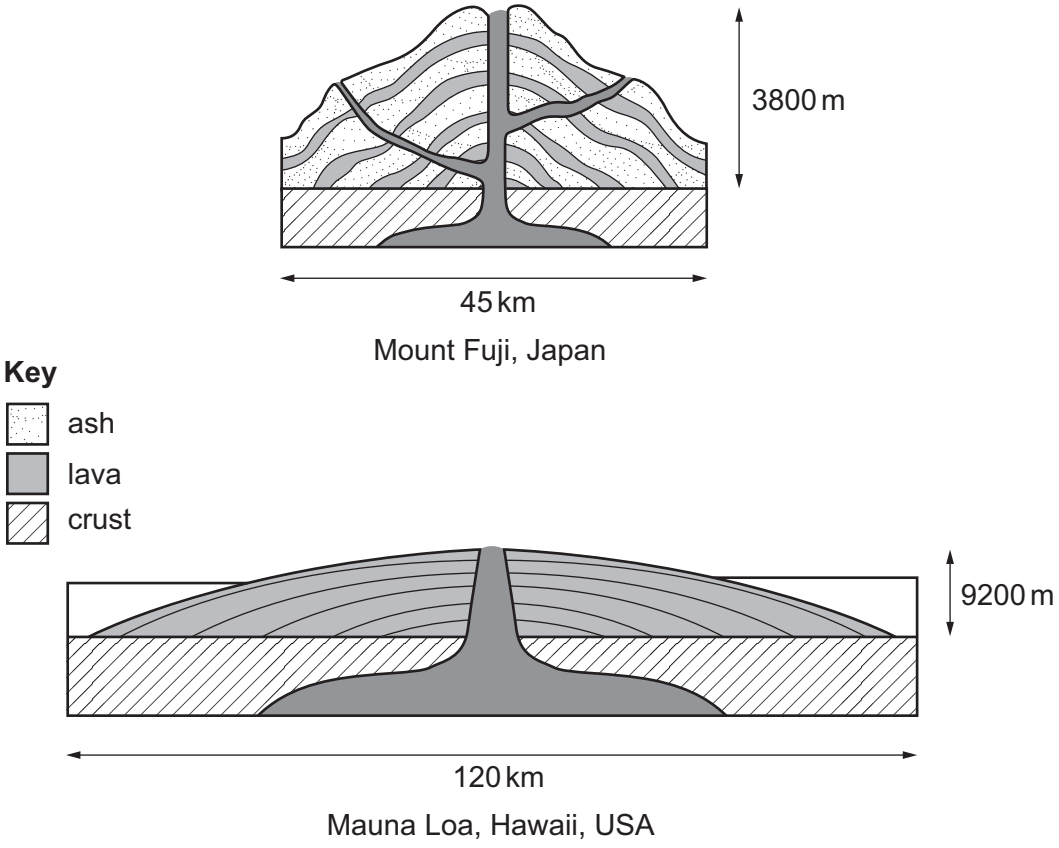


Fig. 5.1

(i) Using Fig. 5.1 **only**, compare the features of the two volcanoes.

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..... [4]

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(ii) Fig. 5.2 is a graph showing the heights of volcanoes. Use Fig. 5.1 to **complete the graph** for Mount Fuji.

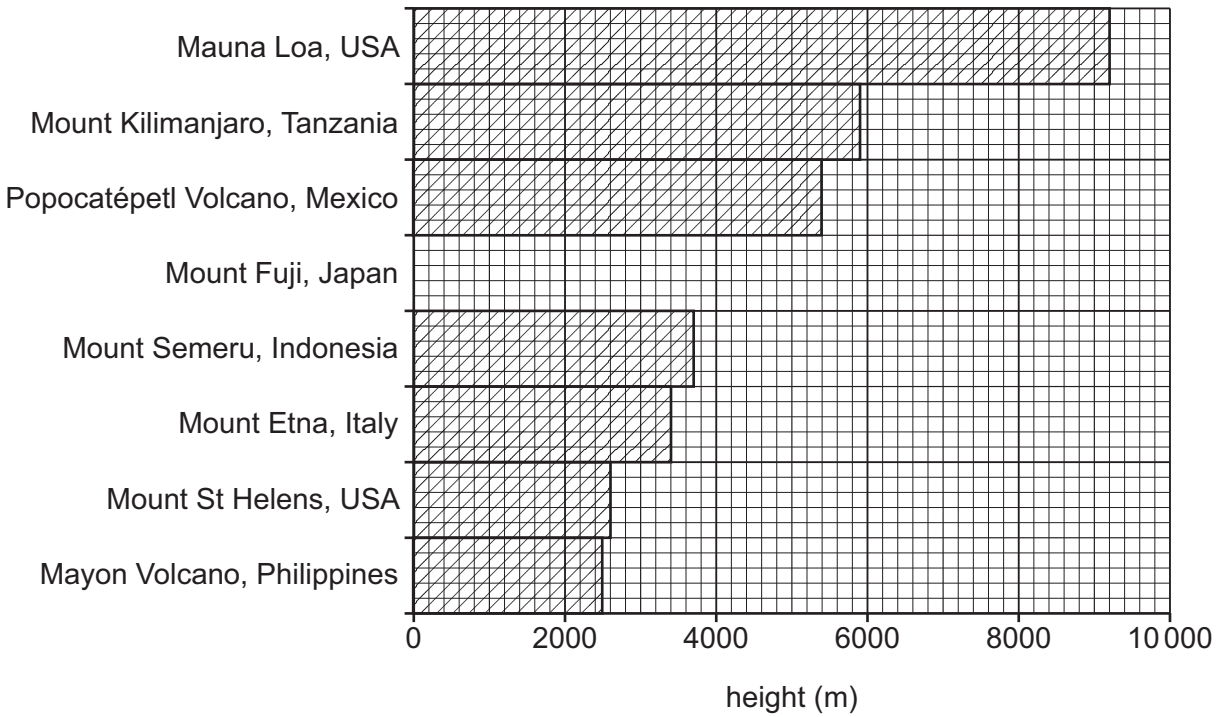


Fig. 5.2

[2]

(b) State **two** reasons why many people live near volcanoes.

1 .....

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2 .....

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[2]

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6 **(a)** **(i)** What is meant by the term renewable energy?

.....

..... [1]

(ii) Name a source of renewable energy.

..... [1]

(b) Fig. 6.1 (Insert) shows the proportion of the total energy produced from renewable sources in different countries.

Using Fig. 6.1, describe the variation in renewable energy production.

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..... [3]

(c) Explain why some countries do **not** use renewable energy.

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Additional pages

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