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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)

Plain paper

1:50 000 survey map (enclosed)

Ruler

Calculator

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.



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.

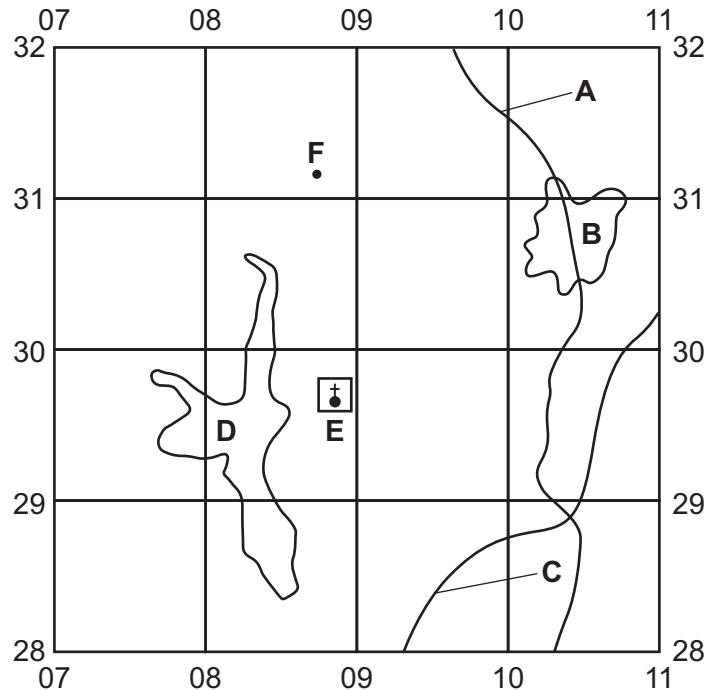


Fig. 1.1

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]





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

..... [1]

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

.....
.....
.....
.....
.....
..... [3]





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

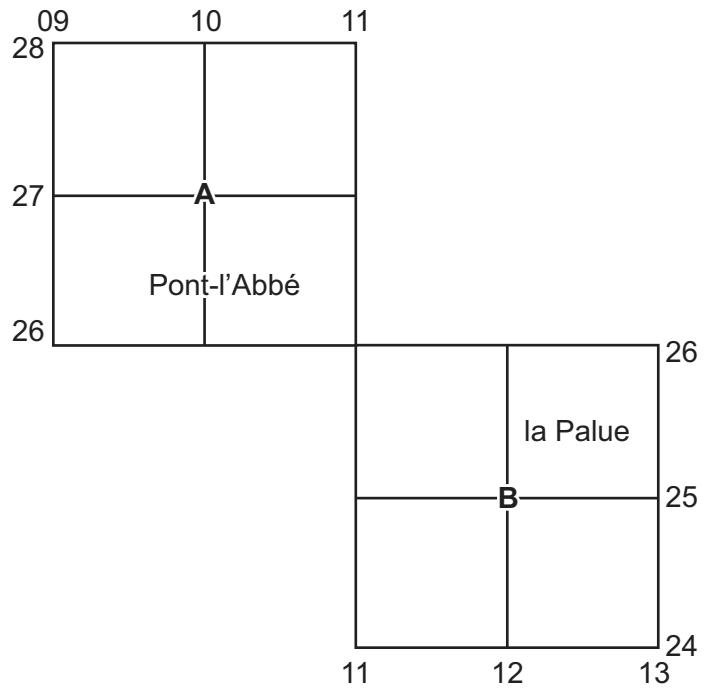


Fig. 1.2

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]





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

.....

 [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 (<input checked="" type="checkbox"/>) |
|--------|--|
| 107289 | |
| 091273 | |
| 099277 | |
| 279097 | |

[1]

[Total: 20]





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.

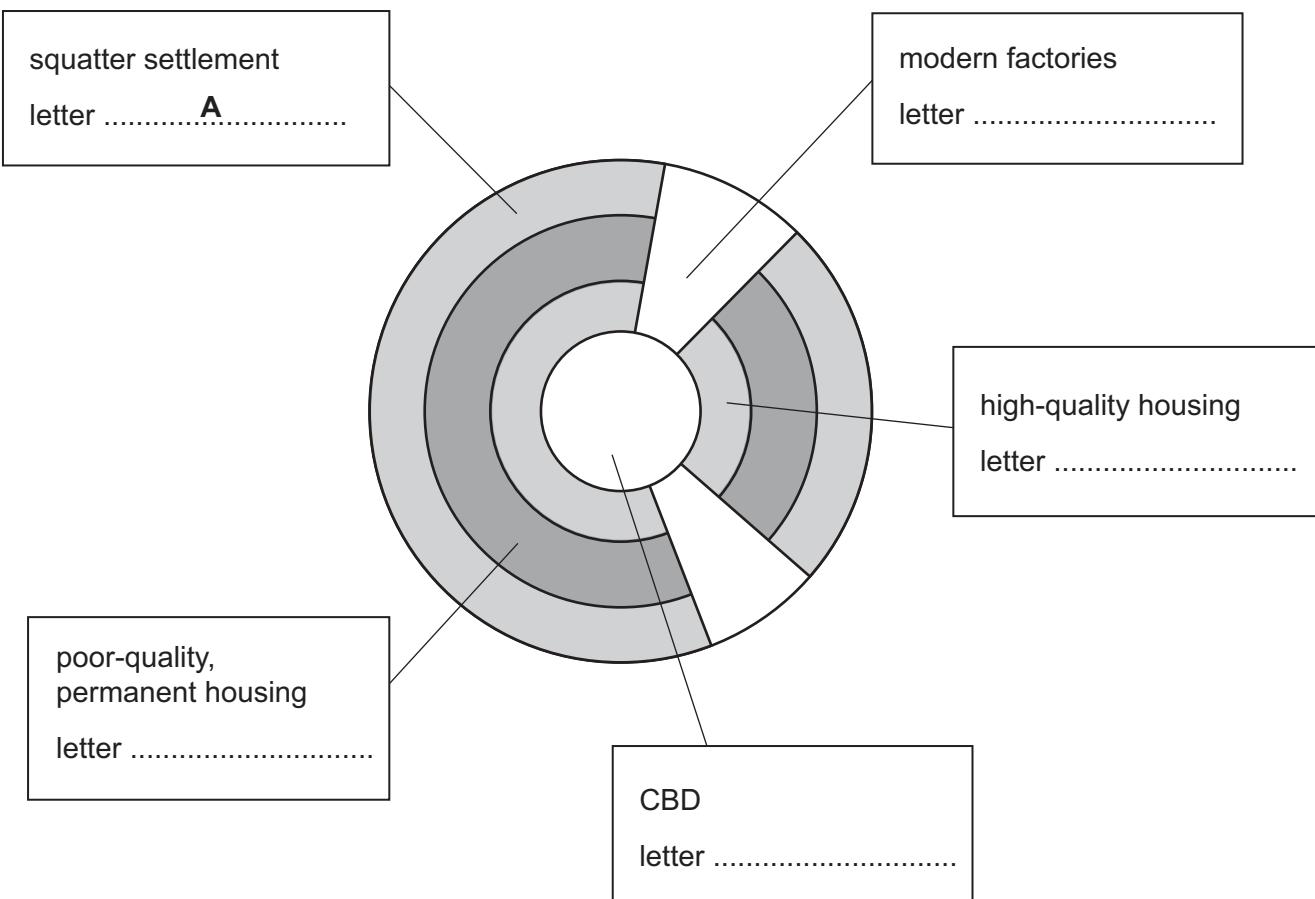


Fig. 2.1

[3]





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

.....
.....
.....
.....

high-quality housing

.....
.....
.....
.....

modern factories.

.....
.....
.....
.....

[5]

[Total: 8]





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.

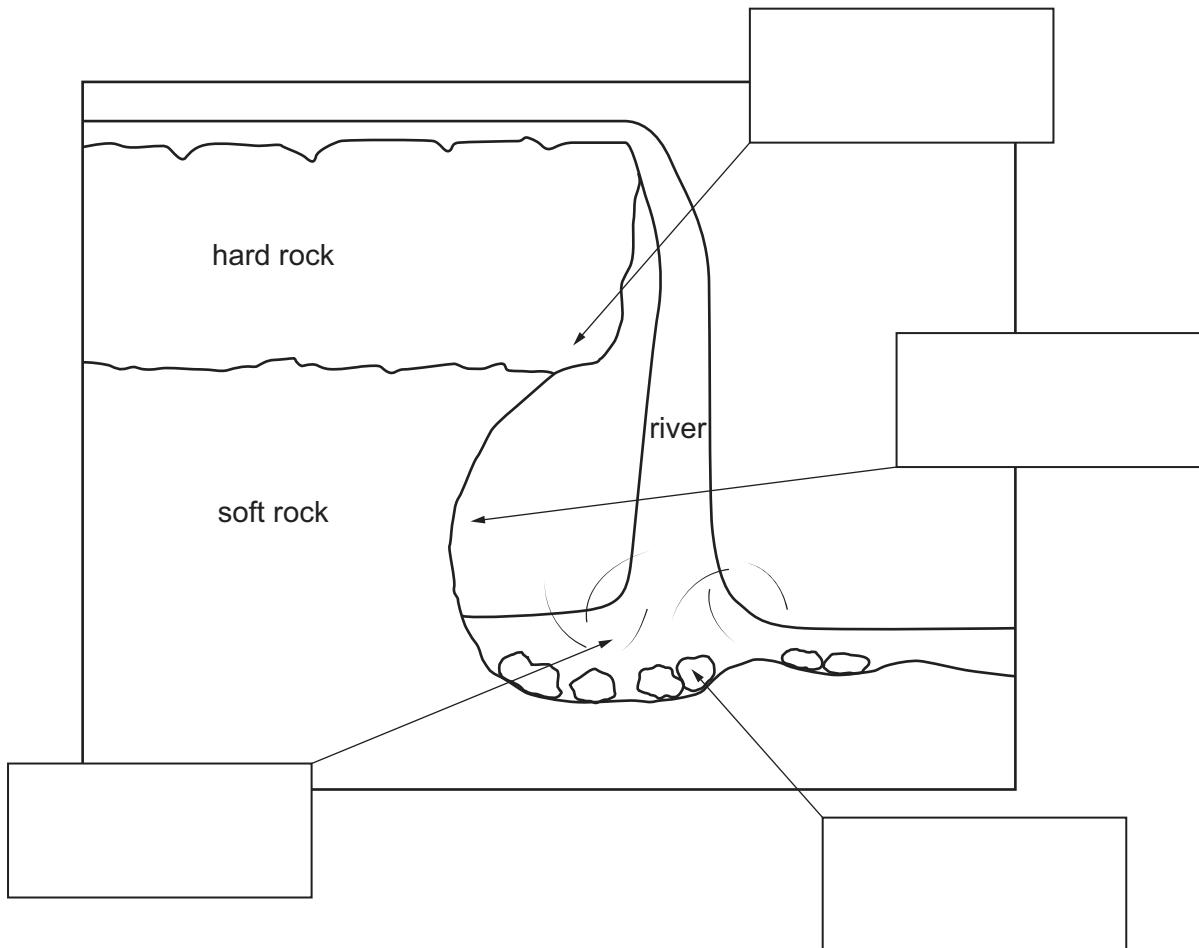


Fig. 3.1

[4]

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

.....
.....

[1]





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

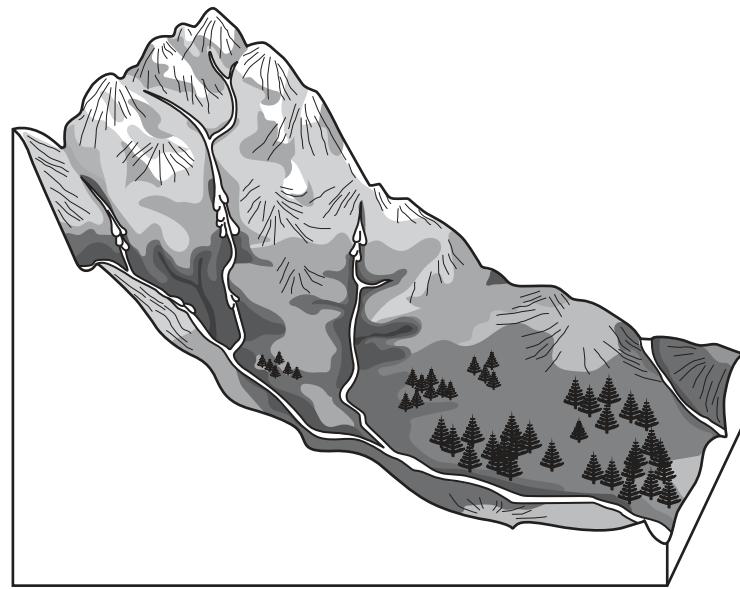


Fig. 3.2

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

valley shape

.....
.....

gradient of long profile

.....
.....

channel width.

.....
.....

[3]

[Total: 8]





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

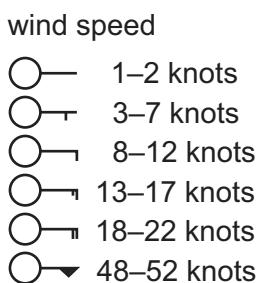
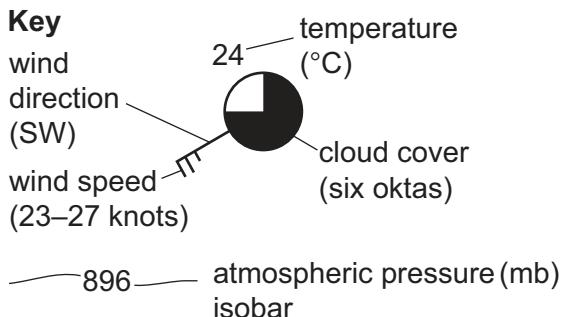
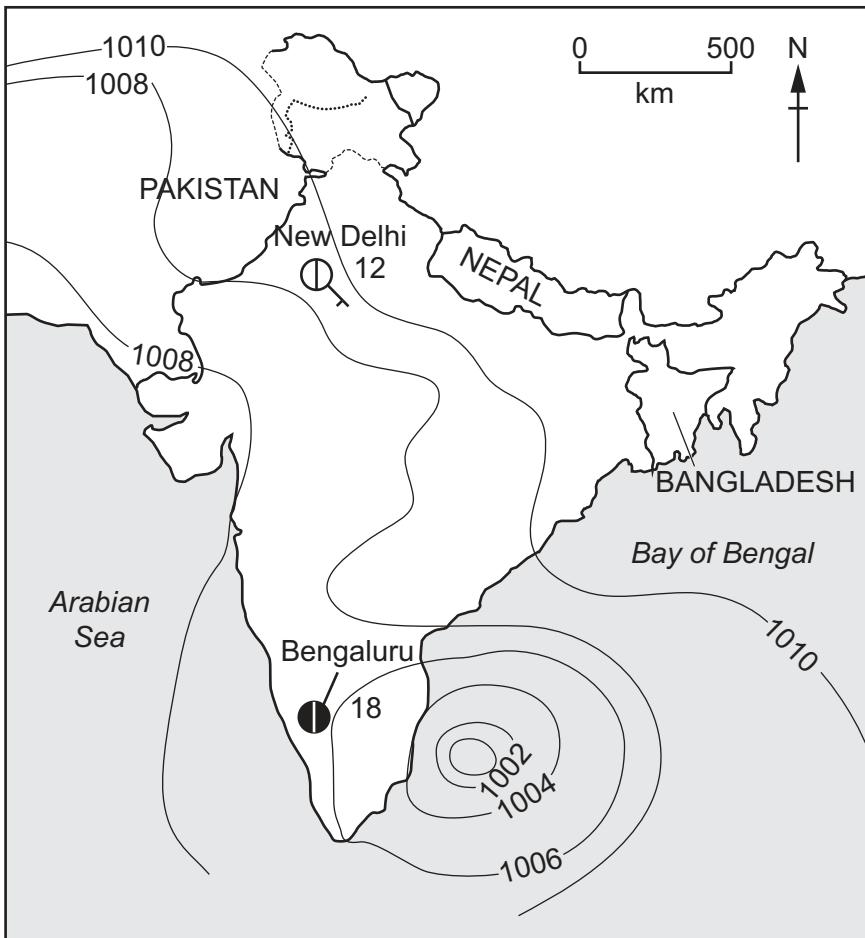


Fig. 4.1





(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.

[Total: 8]





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

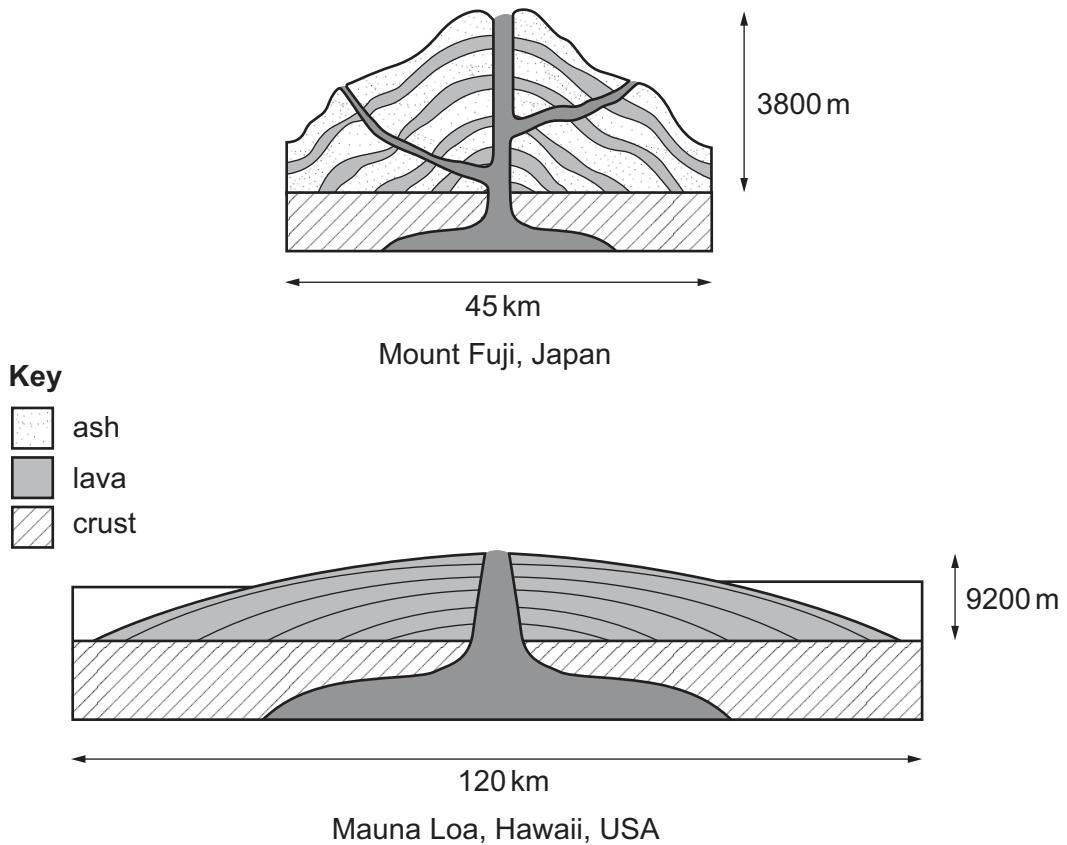


Fig. 5.1

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

[4]



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

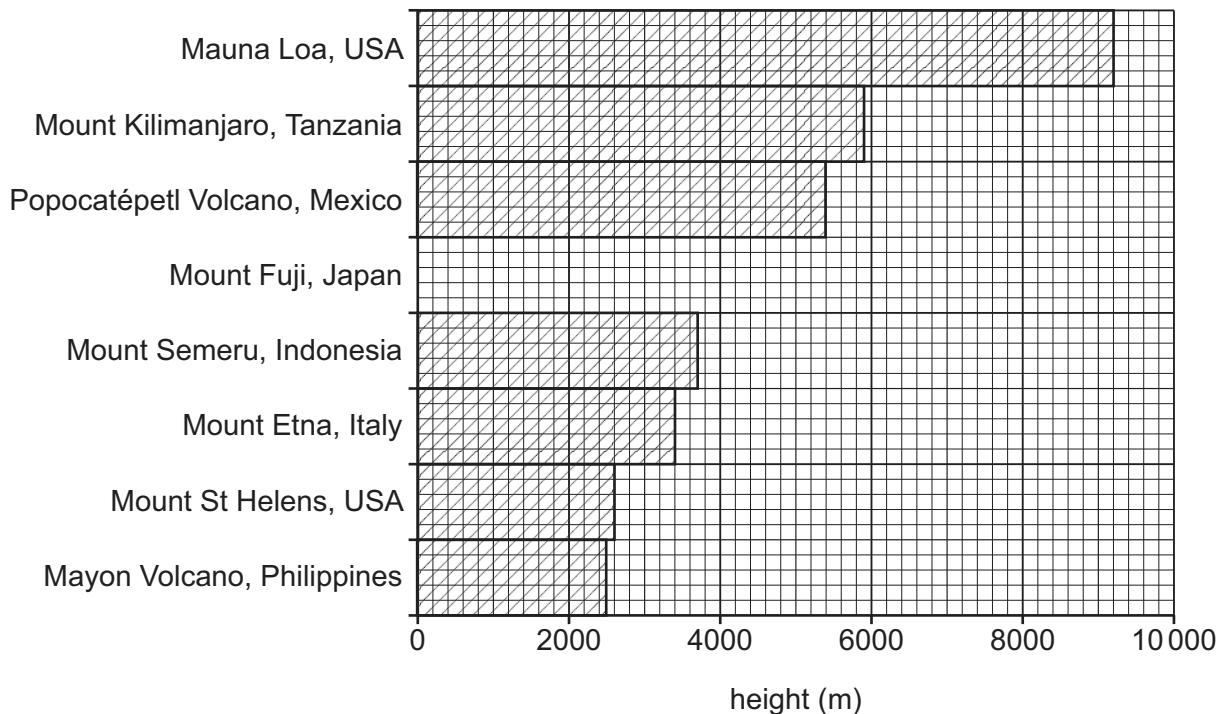


Fig. 5.2

[2]

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

1

.....

2

.....

[2]

[Total: 8]





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.

.....
.....
.....
.....
.....
.....
.....
.....

[3]

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

.....
.....
.....
.....
.....
.....
.....
.....

[3]

[Total: 8]

DO NOT WRITE IN THIS MARGIN





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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