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CANDIDATE NAME

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O2001258622

GEOGRAPHY **0460/12**

Paper 1 Geographical Themes **February/March 2026**

1 hour 45 minutes

You must answer on the question paper.

You will need: Insert (enclosed)
Calculator
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. Do **not** use correction fluid or tape.
- 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.

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Section A

Answer **one** question from this section.

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Figure 1.1

(i) What was the number of births in Japan in 1950?

..... million [1]

(ii) What evidence in Figure 1.1 suggests that:

- there was an increase in natural population growth in Japan between 1966 and 1974
- natural population decline occurred in Japan after 2005?

Do **not** use statistics.

there was an increase in natural population growth in Japan between 1966 and 1974

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.....

natural population decline occurred in Japan after 2005

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[2]

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(iii) Calculate the natural population decline in Japan in 2020.

You should show your calculations in the box below.

..... million

[3]

(iv) Explain why birth rates are low in MEDCs such as Japan.

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(b) Study Figure 1.2, which shows information about the origins of migrants to Japan in 2012 and 2022.

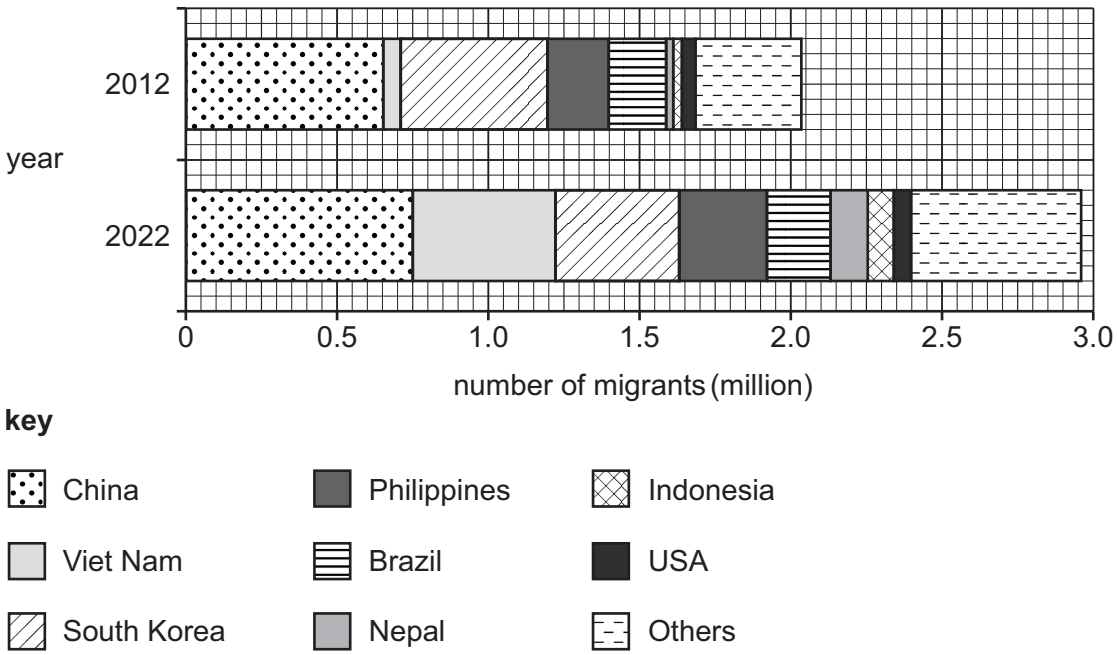


Figure 1.2

(i) Describe the main changes in the origins of migrants to Japan between 2012 and 2022.

Do **not** use statistics in your answer.

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(ii) Describe the problems which may be experienced by international migrants when they arrive in Japan.

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(c) For a named country you have studied, describe the consequences of over-population.

name of country .....

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2 **(a)** Study Figure 2.1, information about the population of South Africa between 1960 and 2020.

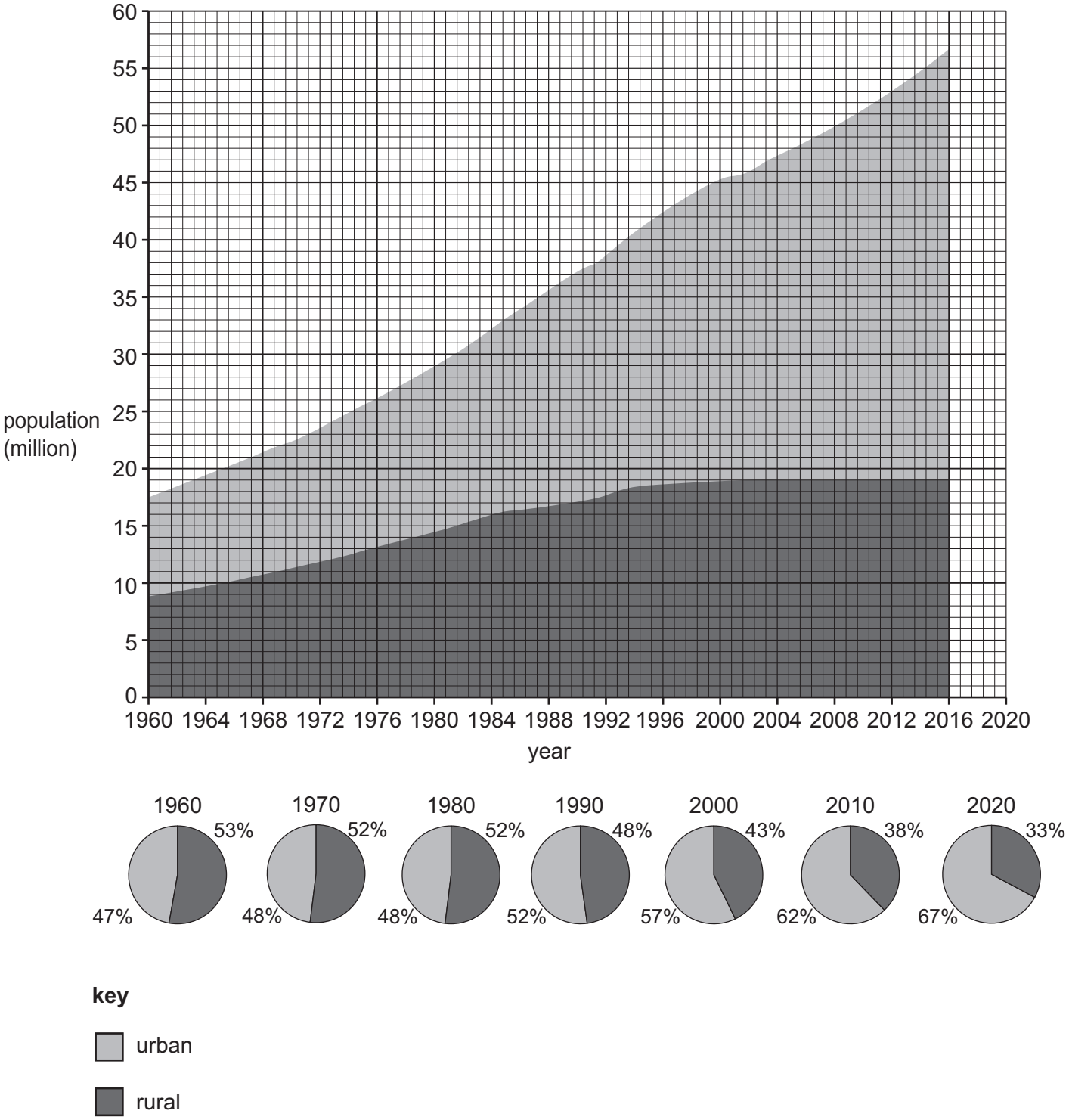


Figure 2.1

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(i) What was the total population of South Africa in 1960?

..... million [1]

(ii) Complete Figure 2.1 to show the following information for 2020:

Rural: 19.1 million Urban: 39.6 million [2]

(iii) Urbanisation is defined as an increase in the percentage of the total population living in urban areas. Use evidence from Figure 2.1 to show that this has occurred between 1960 and 2020 in South Africa.

Use statistics in your answer.

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(iv) Explain **two** problems for people living in rural areas caused by people migrating to urban areas.

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(b) Study Figures 2.2 and 2.3 (Insert), photographs of two areas of homes built by migrants to urban areas in South Asia.
Figure 2.2 shows an area of homes built by migrants in the last 10 years.
Figure 2.3 shows an area of homes built by migrants over 50 years ago.

(i) Describe the characteristics of the homes shown in Figure 2.2.

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(ii) Use evidence from Figure 2.3 to suggest ways in which the people have improved the quality of the area where they live.

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(c) For a named country you have studied, explain why many people have moved to a named urban area from rural areas.

name of country .....

name of urban area .....

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Section B

Answer **one** question from this section.

3 **(a)** Study Figure 3.1, a map of the drainage basin of the Colorado River in the USA.



Figure 3.1

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(i) In what general direction does the river flow between the Hoover Dam and Yuma?

..... [1]

(ii) In which state is:

the source of Gila River .....

the confluence of Colorado River and Green River?

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[2]

(iii) Suggest reasons for the construction of dams such as the Glen Canyon Dam and the Hoover Dam on the Colorado River.

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(iv) Study Figure 3.2 (Insert), a photograph taken in the drainage basin of the Colorado River.

Use Figure 3.2 **only** to describe the characteristics of the river and its valley.

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(b) Study Figure 3.3 (Insert), a photograph of a waterfall.

(i) Describe the features of the waterfall shown in Figure 3.3.

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(ii) Suggest how processes of erosion formed the waterfall shown in Figure 3.3.

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(c) Describe the main features of a **delta** and explain its formation.
You may use a labelled diagram or diagrams.

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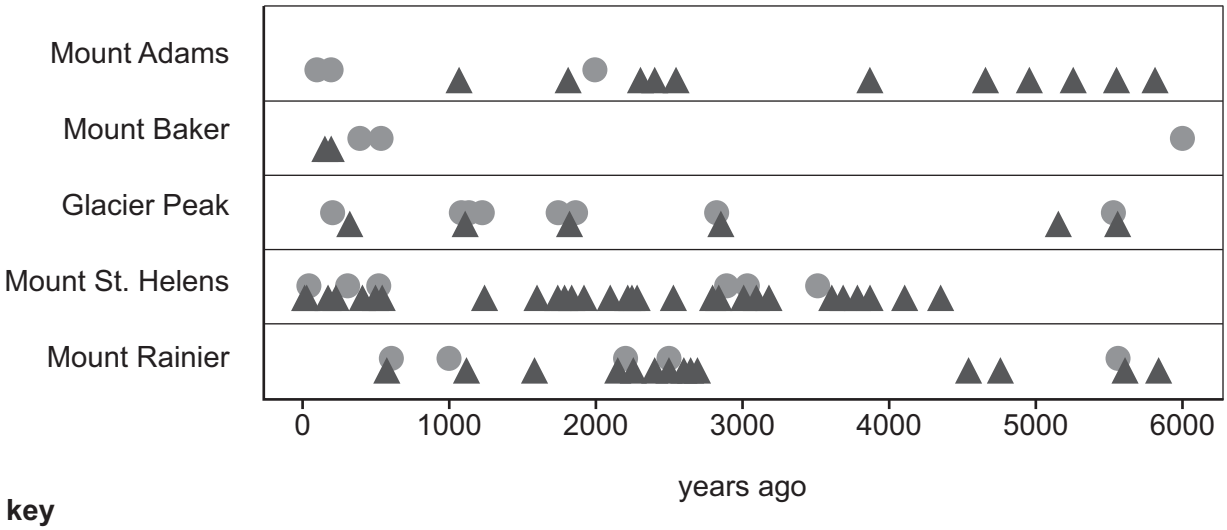
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4 **(a)** Study Figure 4.1, information about five active volcanoes in Washington State, USA.



key

▲ eruption

● lahar

A lahar is a mixture of mud, rock and water that flows down the side of a volcano.

Figure 4.1

(i) How many times has Mount Rainier experienced lahars in the last 6000 years?

..... [1]

(ii) Use Figure 4.1 to identify the following:

a volcano where lahars occurred 6000 years ago

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the volcano which has erupted most frequently in the last 1000 years.

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[2]

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(iii) Use Figure 4.1 **only** to compare the history of eruptions and lahars for Mount Adams and Glacier Peak volcanoes.

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(iv) The volcanoes in Washington State are strato-volcanoes (composite cones). Describe the main characteristics of strato-volcanoes.

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(b) Study Figure 4.2, a cross-section of a destructive plate boundary.

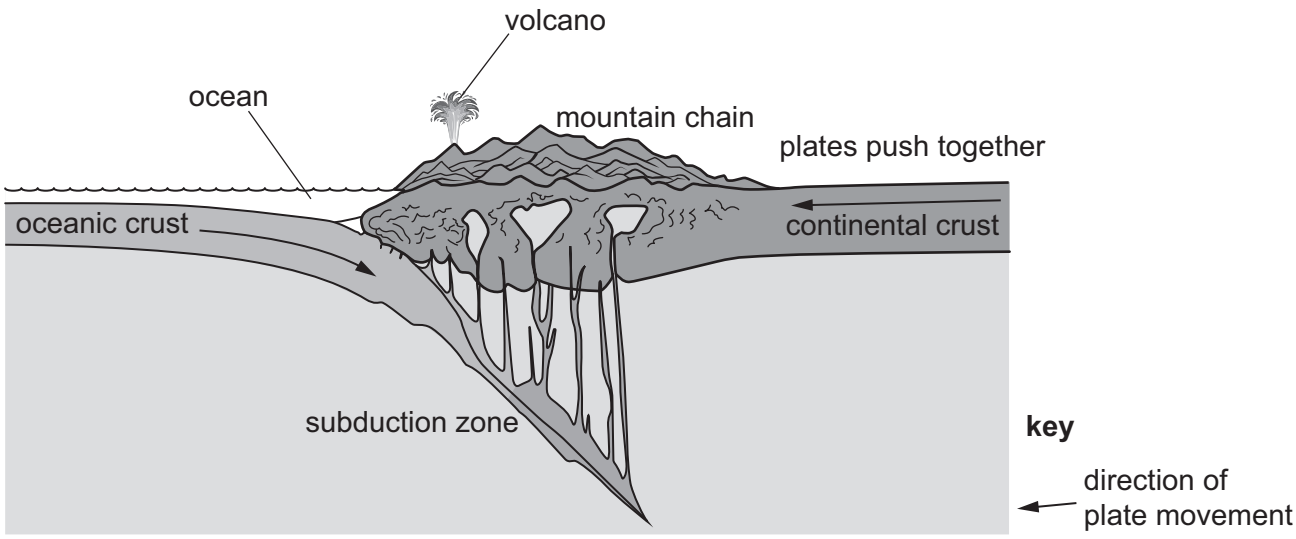


Figure 4.2

(i) Explain why volcanoes erupt at destructive plate boundaries.

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(ii) Describe the opportunities which volcanoes provide for people who live close to them.

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(c) For a named volcano you have studied, describe the negative impacts of a volcanic eruption.

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Section C

Answer **one** question from this section.

5 **(a)** Study Figure 5.1, a map showing the island of Corfu in Europe, along with Figure 5.2 (Insert), a photograph taken in Palaiokastritsa where the tourist industry is important.



Figure 5.1

(i) Which **one** of the following statements describes the location of Corfu?

Tick (✓) **one** answer.

	tick (✓)
100 km from the coast of mainland Greece	
in eastern Greece	
off the west coast of Greece and Albania	

[1]

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(ii) What is the straight-line distance and direction from Corfu International Airport to Palaiokastritsa?

distance ..... km

direction .....

[2]

(iii) Suggest ways that people who live in Palaiokastritsa are likely to benefit from tourism.

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(iv) Describe the natural (physical) attractions of the area shown in Figure 5.2 (Insert) for the development of the tourist industry.

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(b) Study Figure 5.3, which shows the number of tourists visiting Corfu between March and October in 2022.

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Figure 5.3

(i) Describe the variation in tourist arrivals in Corfu between March and October 2022.

Use statistics in your answer.

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(ii) Suggest problems that tourism may cause for the people and the natural environment in Corfu.

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(c) For a named area you have studied where the tourist industry is important, explain how tourism is managed so it is sustainable.

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6 **(a)** Study Figure 6.1, information about the sources of energy used in six countries in Europe.

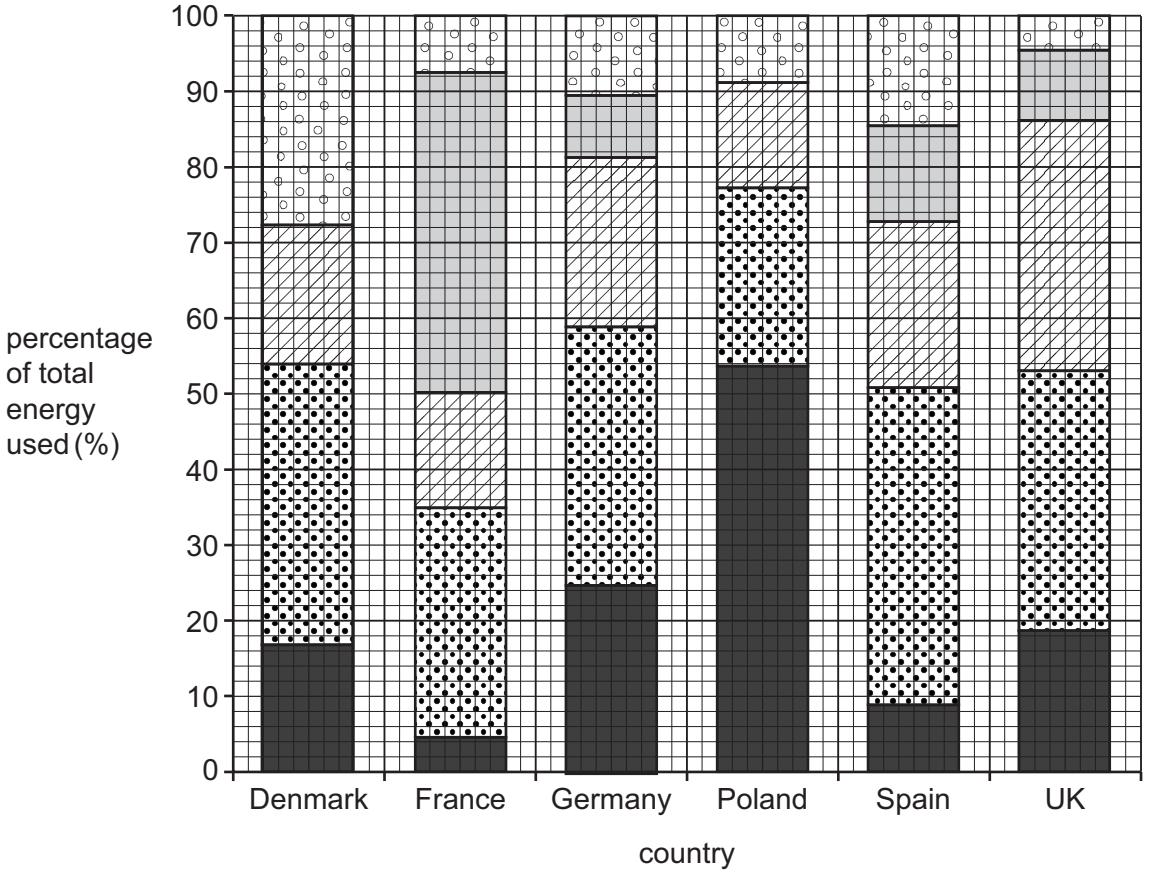


Figure 6.1

(i) What percentage of the total energy used in Denmark is provided by oil?

..... % [1]

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(ii) Put the following countries in rank order according to the percentage of coal they use for energy.

France Germany Poland UK

..... highest

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..... lowest [2]

(iii) France generates large amounts of electricity in nuclear power stations. Describe the benefits of nuclear power as a method of electricity generation.

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(iv) Suggest why some countries do **not** use nuclear power.

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(b) Study Figure 6.2 (Insert), a photograph showing an area where there are plans to generate wind power.

(i) Suggest reasons why the area shown in Figure 6.2 may be suitable for generating wind power.

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(ii) Explain why many countries are investing in renewable energy supplies.

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(c) For a named country or area you have studied, explain the importance of different methods of water supply.

name of country or area .....

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