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GEOGRAPHY **0460/22**

Paper 2 Geographical Skills **February/March 2026**

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. 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 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. Any blank pages are indicated.

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1 Study the map extract for the Island of Stromboli, Italy. The scale is 1 : 25 000.

(a) Figure 1.1 shows some of the features in the west and centre of the map extract.

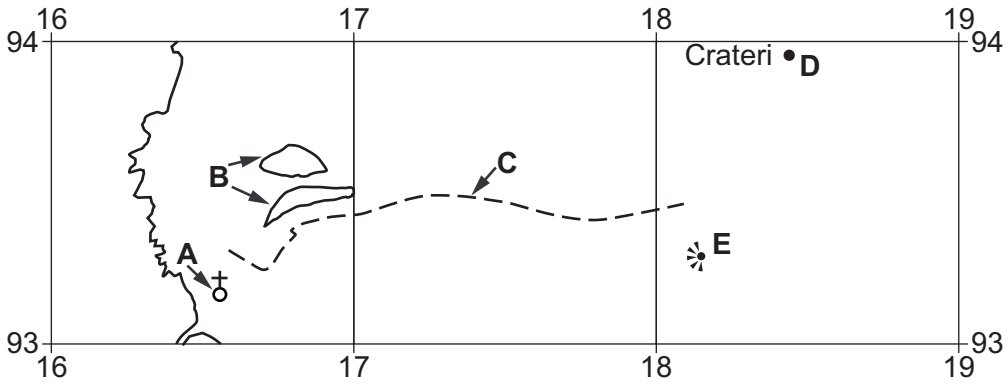


Figure 1.1

Use the map extract to identify the following features shown in Figure 1.1:

(i) feature **A**

..... [1]

(ii) the land use at **B**

..... [1]

(iii) the feature at **C**

..... [1]

(iv) the height above sea level of the crater (Crateri) at **D**

..... metres [1]

(v) the feature at **E**.

..... [1]

(b) Give the six-figure grid reference of feature **E** in Figure 1.1.

..... [1]

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(c) Locate the lighthouses in grid squares 1895 and 2196.

(i) What is the compass direction **from** the lighthouse in grid square 1895 **to** the lighthouse in grid square 2196?

..... [1]

(ii) What is the straight-line distance in kilometres **from** the lighthouse in grid square 1895 **to** the lighthouse in grid square 2196?

..... kilometres [1]

(iii) Measure the compass bearing **from** the lighthouse in grid square 1895 **to** the lighthouse in grid square 2196.

..... degrees [1]

(d) Give **two** pieces of evidence which show that tourists who visit the north-east of the Island of Stromboli can do activities in the sea.

1 .....

2 .....
[2]

(e) Complete the table to show how the residents of Ginostra in grid square 1693 could travel to the north-east of the island. One line of the table has been completed.

method	map evidence
by air	using a helicopter/heliport/helipad
by land	.....
by sea	.....

[2]

(f) Describe the distribution of the settlements on the Island of Stromboli.

.....

.....

.....

.....

.....

..... [3]

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(g) Describe the relief of the Island of Stromboli. You should refer to its gradient and height.

gradient .....

.....

.....

.....

height .....

.....

.....

.....

.....

[4]

[Total: 20]

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Turn over

2 **(a)** Table 2.1 shows information on the settlement hierarchy in the North Island of New Zealand, an MEDC.

Table 2.1

settlement type	number of settlements	settlement size (average population)
major urban area	5	420 400
large urban area	11	55 909
medium urban area	12	19 825
small urban area	96	3 857
rural village	224	450

Describe the characteristics of the settlement hierarchy shown in Table 2.1.

Do **not** use statistics.

.....

.....

.....

..... [2]

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(b) Figure 2.1 (Insert) shows a photograph of Wellington, the capital city of New Zealand.

(i) Suggest **two** functions of the city of Wellington. Using Figure 2.1 **only**, identify the evidence to support your choices.

function 1 .....

.....

evidence .....

.....

function 2 .....

.....

evidence .....

.....

[4]

(ii) Use Figure 2.1 to suggest **two** physical factors which have influenced the location of Wellington.

1 .....

2 .....

[2]

[Total: 8]

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3 **(a)** Figure 3.1 (Insert) shows a photograph of river flooding in the UK.

Use Figure 3.1 **only** to describe **three** impacts of the flooding shown.

1 .....

.....

2 .....

.....

3 .....

.....

[3]

(b) Figure 3.2 shows the discharge of a river, in cumecs (m^3/s), in response to a period of rainfall.

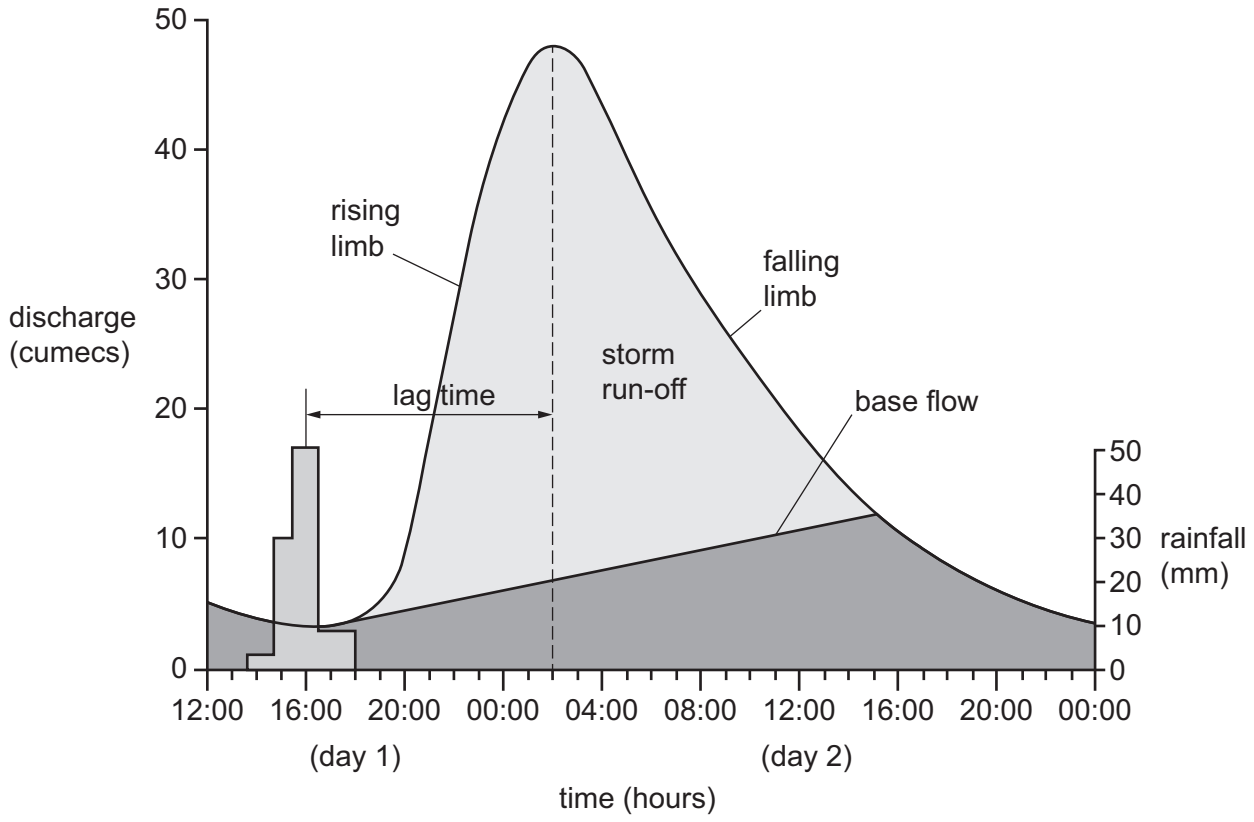


Figure 3.2

(i) What is the peak discharge of the river?

..... cumecs (m^3/s) [1]

(ii) Calculate the lag time.

..... hours [1]

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(iii) The rising limb is very steep, which may result in flooding. Tick (✓) **two** factors which cause flooding.

factor	tick (✓)
a high drainage density	
a large drainage basin	
a thick forest cover	
an impermeable bedrock	
gentle slopes	

[2]

(iv) Large amounts of surface run-off increase a river's flow. State **one** other way water can reach the river.

..... [1]

[Total: 8]

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4 **(a)** Define the following features of an earthquake:

(i) focus

.....

..... [1]

(ii) epicentre.

.....

..... [1]

(b) Figures 4.1, 4.2 and 4.3 (Insert) show photographs of damage caused by an earthquake in Christchurch, New Zealand.

For each figure, explain how the damage caused by the earthquake affects the local people.

Figure 4.1

.....

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.....

.....

Figure 4.2

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.....

.....

.....

Figure 4.3

.....

.....

.....

.....

[6]

[Total: 8]

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5 **(a)** Figure 5.1 (Insert) shows a photograph of a farm in a tropical area.

Use Figure 5.1 **only** to describe the features of this farm.

.....

.....

.....

.....

.....

.....

..... [4]

(b) Figure 5.2 (Insert) shows a photograph of the cultivation of sugar cane in a tropical area.

(i) State **two** ways that this farm differs from the farm shown in Figure 5.1.

1 .....

.....

2 .....

.....

[2]

(ii) Suggest **two** reasons why the type of farming shown in Figure 5.2 might increase the possibility of food shortages for local people.

reason 1 .....

.....

reason 2 .....

.....

[2]

[Total: 8]

6 **(a)** Figure 6.1 and Table 6.1 show Australia's employment by industrial sector (%).

Complete Figure 6.1 using Table 6.1.

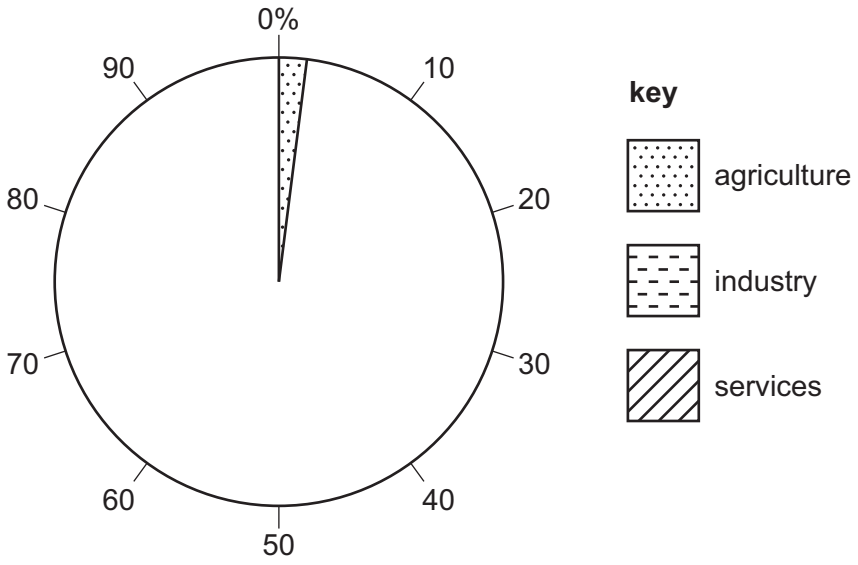


Figure 6.1

Table 6.1

sector	employment (%)
agriculture	2
industry	19
services	79

[2]

(b) **(i)** Figure 6.2 (Insert) shows a photograph of the production and export of woodchips in Australia. This is an example of secondary industry.

What is secondary industry?

.....

..... [1]

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(ii) Table 6.2 shows the destination of Australia's woodchips from June 2021 to April 2022.

Table 6.2

destination	amount (%)
China	58.7
Japan	36.1
Taiwan	5.2

State a method that could be used to show this data on a map.

..... [1]

(iii) The area shown in Figure 6.2 is part of a national park. Evaluate the economic advantages and environmental disadvantages of locating the woodchip industry in such a location.

economic advantages .....

.....

.....

.....

environmental disadvantages .....

.....

.....

.....

[4]

[Total: 8]

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