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2171677358

GEOGRAPHY **0460/21**

Paper 2 Geographical Skills **October/November 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 **20** pages. Any blank pages are indicated.

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[Turn over

1 Study the map extract for Blessington (Baile Coimín), Ireland. The scale is 1 : 50 000.

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

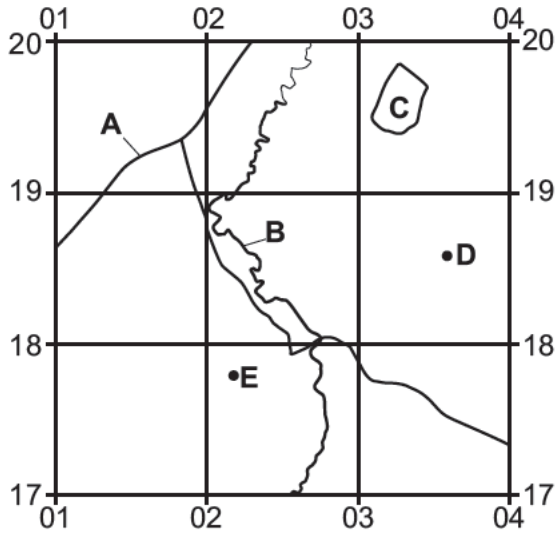


Fig. 1.1

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) the land use at **C**

..... [1]

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

..... metres [1]

(v) feature **E**.

..... [1]

(b) Identify **three** services in Blessington.

1 .....

2 .....

3 .....

[3]

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(c) Describe the relief in the area shown in Fig. 1.2.

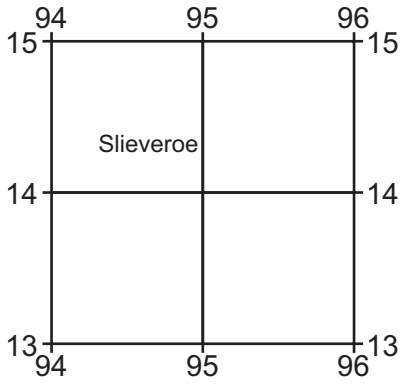


Fig. 1.2

.....

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.....

.....

..... [4]

(d) Fig. 1.3 is a cross-section along northing 17 **from** 940170 **to** 980170.

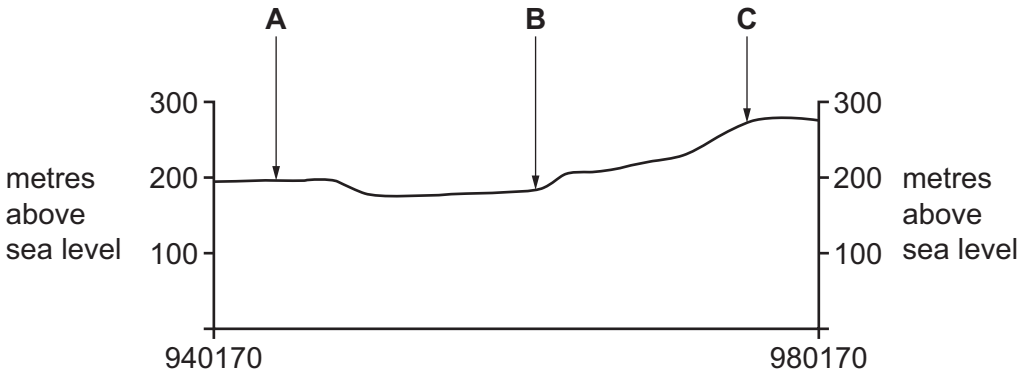


Fig. 1.3

Use the key to identify the three different types of road (**A**, **B** and **C**) marked on the cross-section.

A .....

B .....

C .....

[3]

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(e) (i) Find the Regional Road R410 in the north-west of the map extract. Measure the distance along the R410 **from** the western edge of the map **to** the road junction at the church in Eadestown.

Choose your answer to the nearest 500 m from the list provided in the following table. Tick (✓) **one** box.

	tick (✓)
2500 m	
3000 m	
3500 m	
4000 m	

[1]

(ii) What is the six-figure grid reference for this road junction? Tick (✓) **one** box.

	tick (✓)
178951	
955175	
958171	
951178	

[1]

(iii) Describe the distribution of settlement in the area to the north of the R410 and west of Eadestown.

.....

.....

.....

.....

.....

..... [3]

[Total: 20]

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2 **(a)** Fig. 2.1 shows the climate of the Atacama hot desert in Chile.

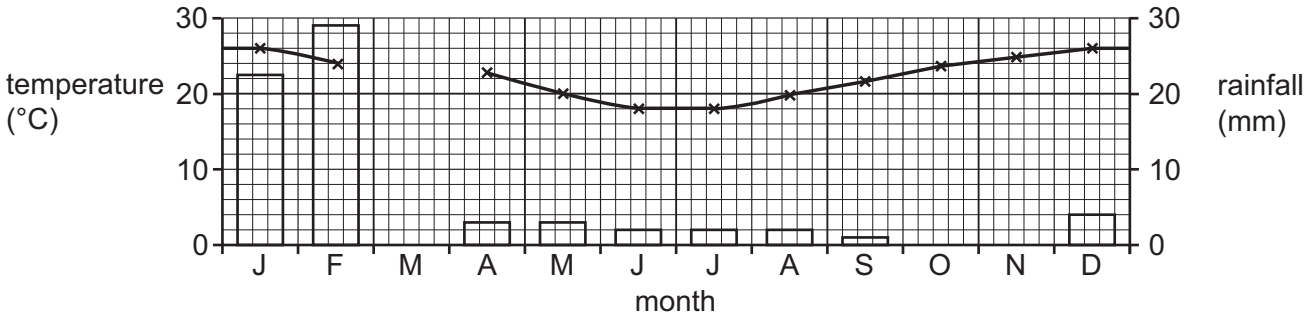


Fig. 2.1

(i) **Complete the graph** for March using the following data.

temperature (°C)	rainfall (mm)
24	14

[2]

(ii) Using Fig. 2.1, state the annual range of temperature.

..... °C [1]

(b) Which **two** of the following statements describe the climate of the area shown in Fig. 2.1?

Tick (✓) only **two** boxes.

	tick (✓)
July is the driest month.	
Rain falls throughout the year.	
Temperatures are high throughout the year.	
The hottest monthly temperature is 30 °C.	
There are four seasons.	
There is low annual rainfall.	

[2]

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(c) What evidence from Fig. 2.1 suggests the Atacama desert is in the southern hemisphere?

.....

..... [1]

(d) Study Fig. 2.2 (Insert), which shows a type of vegetation found in the Atacama desert. Explain **two** different ways this type of vegetation has adapted to the hot desert climate.

1 .....

.....

2 .....

.....

[2]

[Total: 8]

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3 **(a)** Fig. 3.1 shows the hydrological cycle.

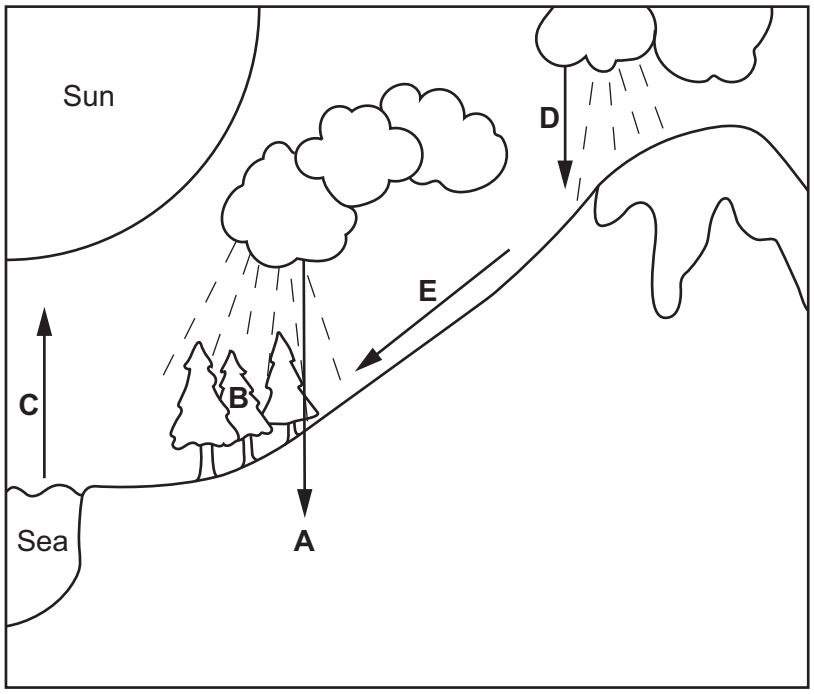


Fig. 3.1

(i) **Complete the labels C**, **D** and **E**.

A and **B** have been given as examples.

A infiltration

B interception

C .....

D .....

E .....

[3]

(ii) What is meant by the following terms?

infiltration

.....

.....

interception

.....

.....

[2]

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(b) (i) Explain how deforestation disrupts the hydrological cycle.

.....

.....

.....

..... [2]

(ii) Suggest another way that people can disrupt the hydrological cycle.

.....

..... [1]

[Total: 8]

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4 **(a)** Study Fig. 4.1, a map showing the main destinations for migrants **from** Venezuela, a country in South America.

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Fig. 4.1

Using Fig. 4.1, describe the pattern of migration from Venezuela. Do **not** use statistics in your answer.

.....

.....

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.....

.....

.....

.....

..... [4]

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(b) Suggest **two** reasons why people such as those from Venezuela may migrate.

1 .....

.....

2 .....

.....

[2]

(c) **(i)** Suggest **one** economic opportunity that migrants can bring to the country they have moved to.

.....

..... [1]

(ii) Suggest **one** social problem that migrants may experience in the country they have moved to.

.....

..... [1]

[Total: 8]

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5 **(a)** Study Figs. 5.1 and 5.2 (Insert), which show two different tourist locations in Spain, a country in Europe.

Compare the **two** tourist locations.

.....

.....

.....

.....

.....

.....

.....

..... [4]

(b) **(i)** Suggest **two** reasons why the **local** population would welcome tourists to the area shown in Fig. 5.1.

1 .....

.....

2 .....

.....

[2]

(ii) Suggest **two** ways that tourists could damage the natural environment in the area shown in Fig. 5.2.

1 .....

.....

2 .....

.....

[2]

[Total: 8]

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6 **(a)** Study Table 6.1, which shows development indicators for seven countries in 2021.

Table 6.1

country	life expectancy (years)	GNP per capita ($US)	literacy rate (%)	population living in urban areas (%)
Moldova	70	5231	99	43
Nepal	69	1208	71	21
Nicaragua	72	2046	83	59
Nigeria	53	2066	62	53
Norway	83	89154	100	83
Pakistan	66	1505	58	37
Singapore	84	72794	97	100

(i) Suggest **one** reason why the percentage of population living in urban areas can be used as an indicator of development.

.....

..... [1]

(ii) Put the data for the percentage of population living in urban areas in order from highest to lowest.

Three have been done for you.

highest ↑

Singapore

.....

.....

Nigeria

.....

.....

lowest ↓ Nepal

[2]

(iii) Look at the literacy rate for Moldova. What is unusual about this data compared to Moldova's other development indicators?

.....

..... [2]

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(b) Fig. 6.1 is a scatter graph showing data from Table 6.1.

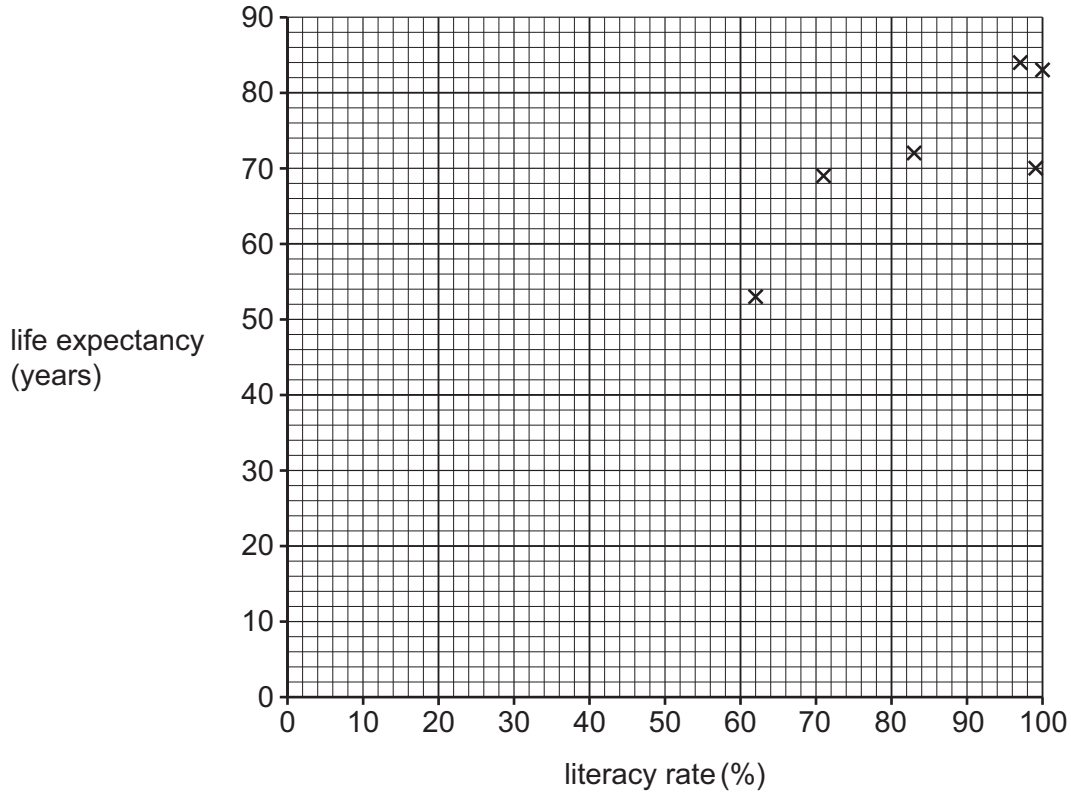


Fig. 6.1

(i) **Plot the data** for Pakistan shown in Table 6.1. [1]

(ii) Using Fig. 6.1, describe the relationship between literacy rate and life expectancy.

.....

..... [1]

(iii) Suggest **one** reason for this relationship.

.....

..... [1]

[Total: 8]

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