



Coimisiún na Scrúduithe Stáit
State Examinations Commission

Leaving Certificate Examination 2024

Geography

Part One and Answerbook

Ordinary Level

Friday 7 June Morning 9:30 - 12:20

400 marks

Examination Number

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Date of Birth

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For example, 3rd February
2005 is entered as 03 02 05

Centre Stamp

Instructions

Write your Examination Number and your Date of Birth in the boxes on the front cover.

Write your answers to all parts of the examination into this answerbook. This answerbook will be scanned and your work will be presented to an examiner on screen. Anything that you write outside of the answer areas may not be seen by the examiner.

Write your answers in blue or black pen. You may use pencil for sketches, graphs and diagrams only.

There are two parts to this examination. Questions for **PART TWO** are supplied separately but your answers must be written in this answerbook.

PART ONE	Short-Answer Questions	100 marks
	Attempt any TEN questions.	
	All questions carry equal marks.	

PART TWO	Structured Questions	300 marks
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You must attempt **THREE** questions. You must answer one question from two different sections below.

- Section 1 – **Patterns and Processes in the Physical Environment** (Questions 1-3)
- Section 2 – **Regional Geography** (Questions 4-6)
- Section 3 – **Electives** (Questions 7-12)

The third question can be from any section.

All questions carry equal marks.

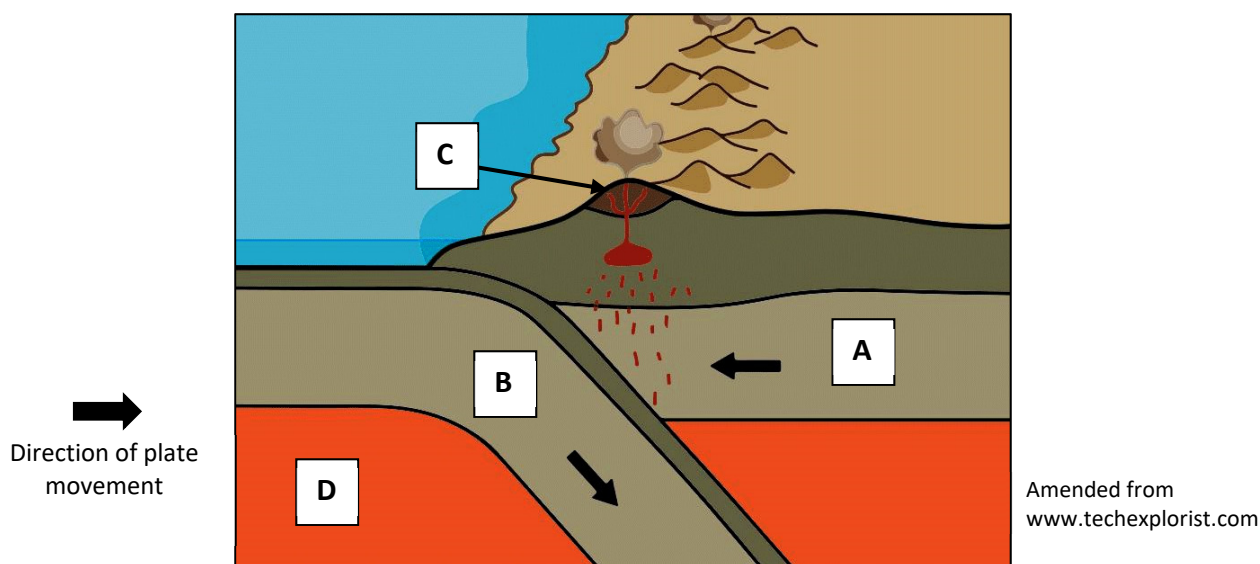
PART ONE – SHORT-ANSWER QUESTIONS – 100 MARKS

Attempt any **TEN** questions.

All questions carry equal marks.

THESE QUESTIONS ARE TO BE ANSWERED IN THE SPACES PROVIDED

1. Plate Tectonics



Examine the diagram above which shows a plate boundary and answer each of the following questions.

- (i) Match each of the letters **A**, **B**, **C** and **D** with the term that best matches it in the table below.

Term	Letter
Mantle	
Volcanic activity	
Subducting plate	
Continental plate	

- (ii) Indicate whether the following statement is true or false by ticking (✓) the correct box.

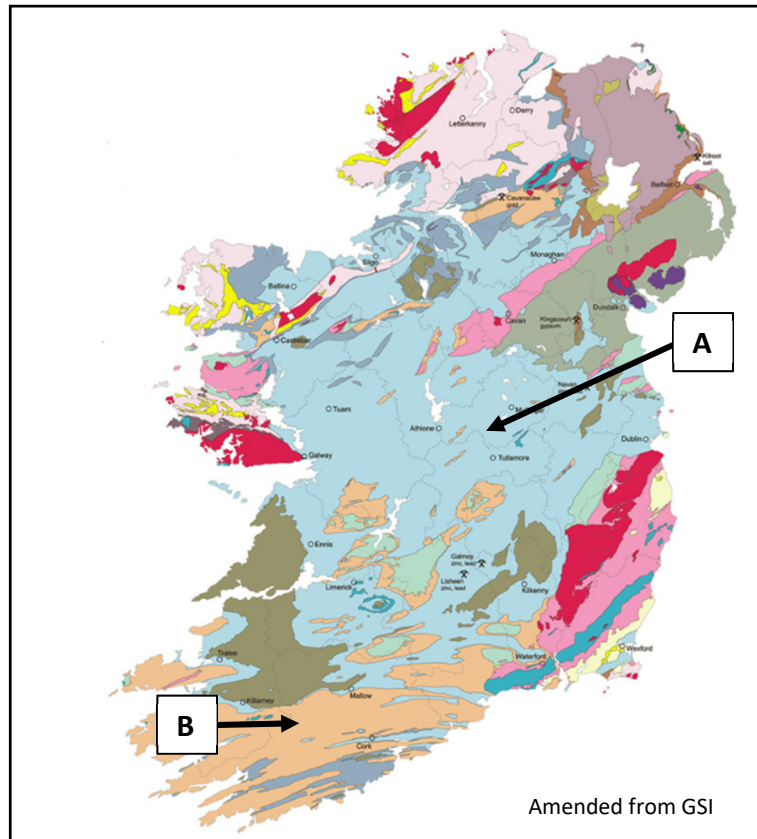
The diagram above shows an example of a destructive plate boundary.

True ☐

False ☐

[10m]

2. Rocks



Examine the map above showing the bedrock of Ireland and answer each of the following questions.

- (i) Match each of the locations **A** and **B** on the map with the correct rock type below.

Rock Type	Location
Sandstone	
Limestone	

- (ii) Indicate, by ticking (✓) the correct box, whether limestone and sandstone are examples of igneous or sedimentary rocks.

Igneous ☐

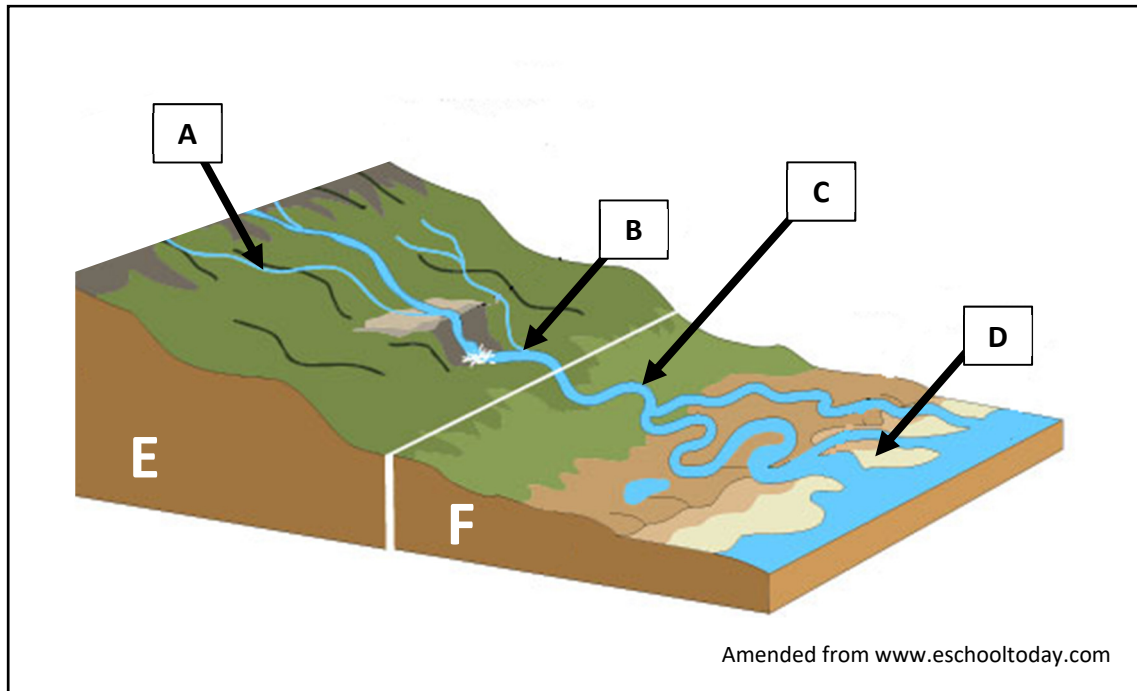
Sedimentary ☐

- (iii) Name any **two** types of metamorphic rock.

1:
2:

[10m]

3. Rivers



Examine the diagram of a river profile above and answer each of the following questions.

- (i) Match each of the features labelled **A**, **B**, **C** and **D** with the term that best matches it in the table below.

Term	Letter
Meander	
Confluence	
Tributary	
Delta	

- (ii) Indicate whether the following statement is true or false by ticking (✓) the correct box.

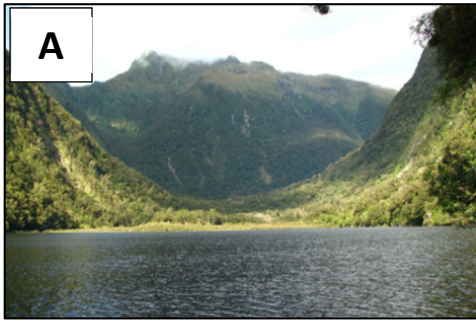
The part of the river profile labelled **F** above is called the upper course.

True ☐

False ☐

[10m]

4. Surface Processes



Amended from www.mistermoose.org



Amended from www.geograph.org.uk



Amended from www.geograph.org.uk



Amended from www.bbc.co.uk

Examine the photographs above and answer each of the following questions.

- (i) Match each of the photographs **A**, **B**, **C** and **D** with the landform in the table below that best matches it.

Landform	Letter
Scree slope	
U-shaped valley	
Terracette	
Sand spit	

- (ii) Which of the following processes are most associated with the formation of a U-shaped valley?

Tick (✓) the correct box.

Erosion ☐

Deposition ☐

[10m]

5. Regions

Match the **type of region** with the **example of the region** that best matches it, by writing the correct letter in each case, in the table below.

Letter	Type of Region
A	Cultural region
B	Urban region
C	Region of industrial decline
D	Administrative region in Ireland
E	Climatic region

Example of Region	Letter
Sambre Meuse Valley, Belgium	
London	
The Islamic World	
Cool Temperate Oceanic	
Meath County Council	

[10m]

6. Map Skills

Examine the 1:50 000 Ordnance Survey map and legend accompanying this paper, and answer each of the following questions.

- (i) The town of Bantry is located in which area of the Ordnance Survey map?
Tick (✓) the correct box.

South west ☐

South east ☐

- (ii) What is the length of the R584 road from where it enters the map at W 043 560 to where it meets the N71 road at W 005 533?
Tick (✓) the correct box.

4.8 km ☐

5.6 km ☐

[10m]

7. Ordnance Survey Map

Examine the 1:50 000 Ordnance Survey map and legend accompanying this paper and answer the following questions.

- (i) Name the feature shown at each of the following grid references:

V 999 509:
W 026 477:
W 098 473:

- (ii) What is the height, in metres, of the spot height at W 074 557?

--

- (iii) Draw the Ordnance Survey map symbol for boating activities in the space below.

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[10m]

8. Aerial Photograph

Examine the aerial photograph of Bantry accompanying this paper.

Indicate whether the following statements are true or false by ticking (✓) the correct box.

	True	False
(i) There is a harbour in the right foreground.	☐	☐
(ii) There is a housing estate in the left foreground.	☐	☐
(iii) There is agricultural land in the right middleground.	☐	☐
(iv) There is a car park in the centre middleground.	☐	☐
(v) This aerial photograph is a vertical aerial photograph.	☐	☐

[10m]

9. Economic Activities



Amended from www.wikipedia.org, www.rte.ie and www.irishexaminer.com

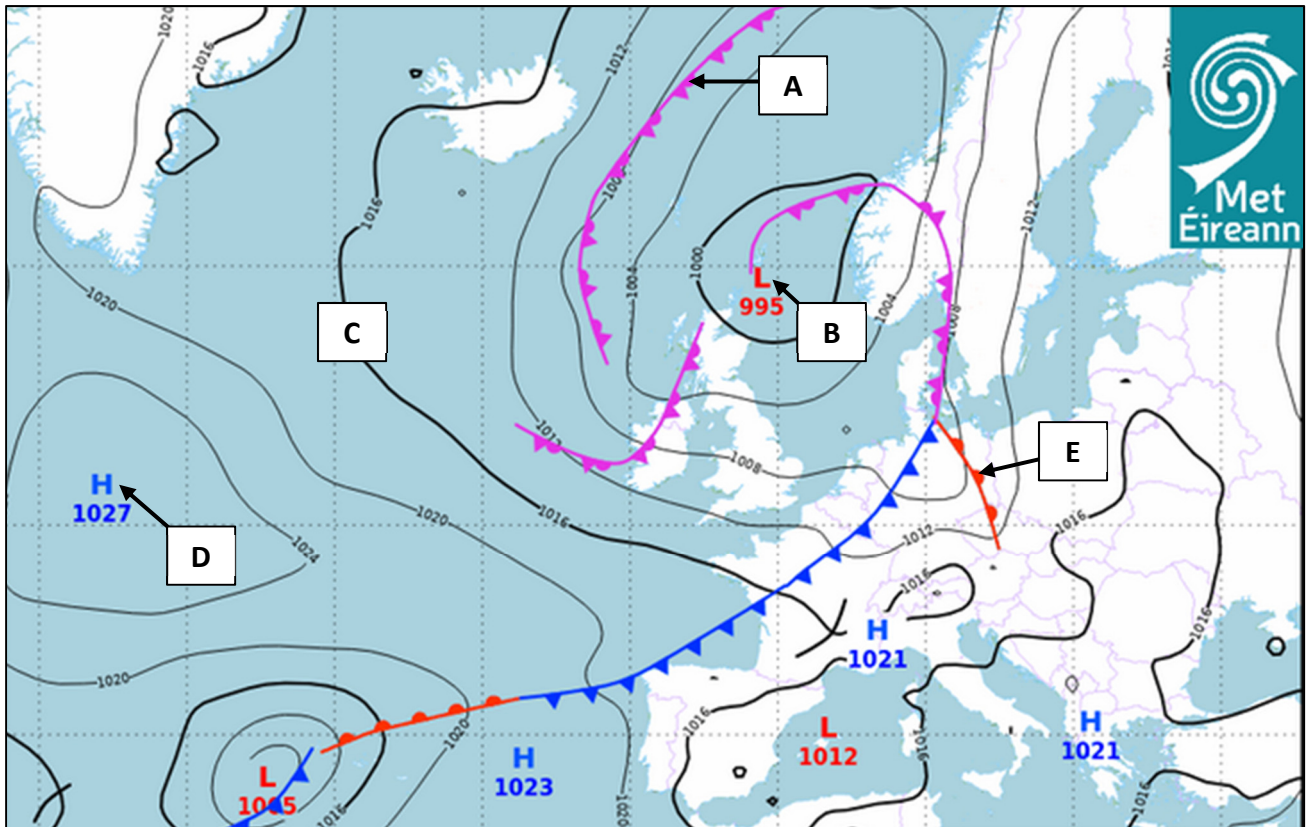
- (i) Examine the photographs above and indicate whether each is an example of a Primary, Secondary or Tertiary economic activity, by ticking (✓) the correct box in the table below.

Photograph	Primary	Secondary	Tertiary
A			
B			
C			
D			

- (ii) Name **one** tertiary economic activity **NOT** shown in the photographs above.

[10m]

10. Weather Charts



Examine the weather chart above and answer the question that follows.

Match each of the labels **A** to **E** with the weather chart feature that best matches it, by writing the correct letter, in each case in the table below.

Weather Chart Feature	Letter
Occluded front	
Area of high pressure	
Area of low pressure	
Warm front	
Isobar	

[10m]

11. Statistical Interpretation

Area of Forested Land in Selected EU Countries in 2020

EU Country	Area of Forested Land (thousand hectares)	% of Land Covered by Forestry
Sweden	27,980	63
Spain	18,572	37
Germany	11,468	32
Poland	9,464	30
Ireland	799	11
Denmark	628	15

Amended from ec.europa.eu

Examine the table above showing information on the area of forested land (thousand hectares) and the percentage of land covered by forestry in selected EU countries in 2020 and answer each of the following questions.

- (i) What was the area of forested land (thousand hectares) in Spain?

- (ii) Which country had 32% of its land covered by forestry?

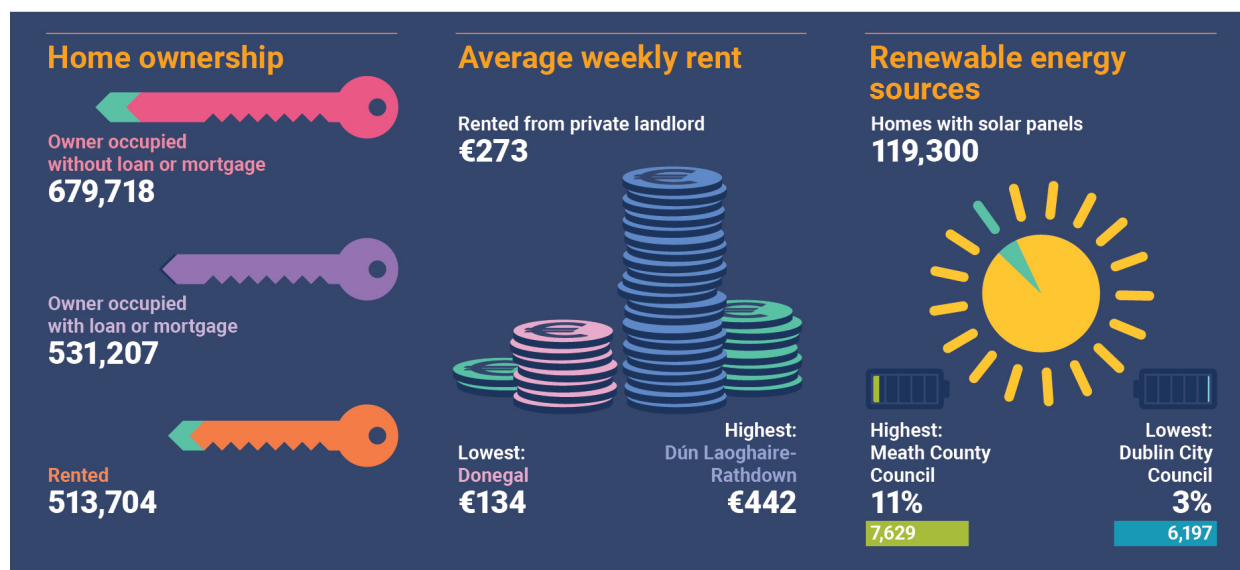
- (iii) Which country had the largest area of forested land?

- (iv) Which country had the smallest percentage of its land covered by forestry?

- (v) Suggest **one** benefit to a country of having more of its land covered by forestry.

[10m]

12. Graphical Interpretation



Examine the infographic above on housing in Ireland in 2022 and answer each of the following questions.

- (i) Of the owner-occupied homes, were there more with a loan or mortgage **or** more without a loan or mortgage?

- (ii) What was the average weekly rent (in €) paid in Donegal?

- (iii) How many homes in Ireland had solar panels?

- (iv) Which county council had the highest number of homes with solar panels?

- (v) State **one** example of renewable energy, other than solar.

[10m]

Answerbook for PART TWO

Instructions

Questions for **PART TWO** are supplied separately.

Start each question on a new page. Write the question number in the box at the top of each page.

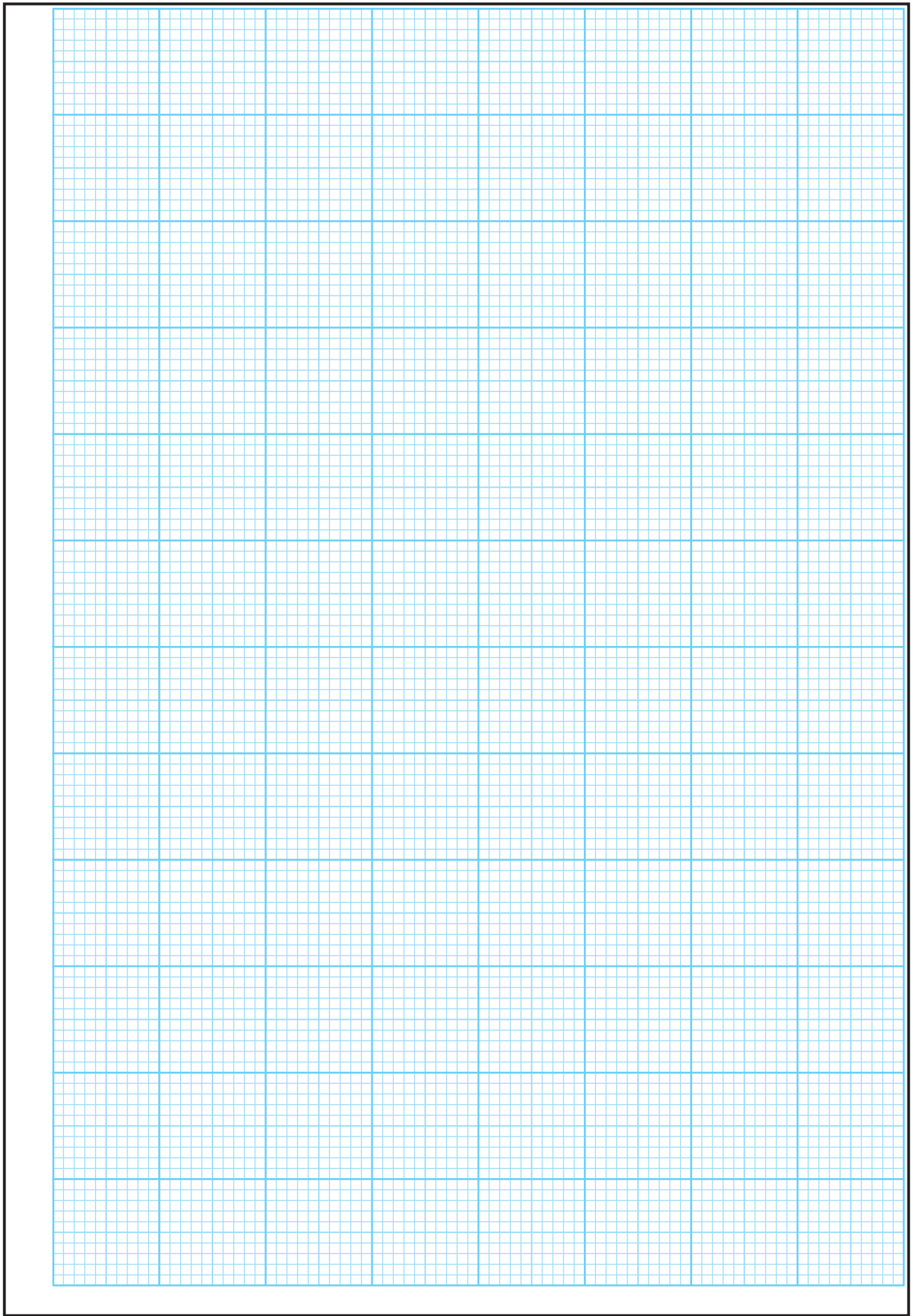
Use the left-hand column to label each part, as shown below.

Question		04	Start each question on a new page
Part			
(a)			
(b)(i)			
(b)(ii)			

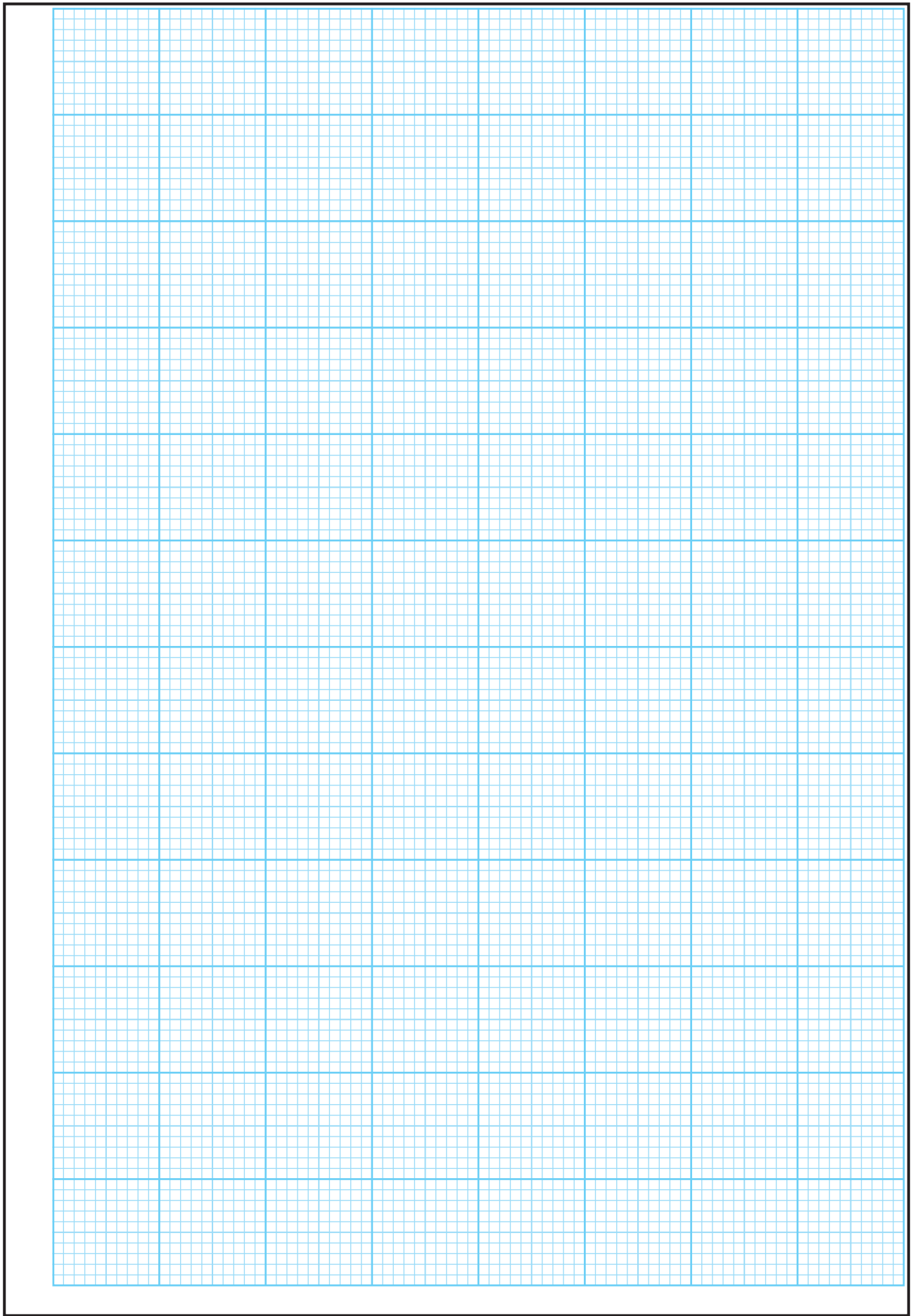
Four pages of graph paper are provided on the next four pages of this answerbook. On pages with graph paper, the box for the question number is at the bottom of the page.

You do not need to use all of the pages in this answerbook. If you run out of space in this answerbook, you may ask the superintendent for more paper or graph paper.

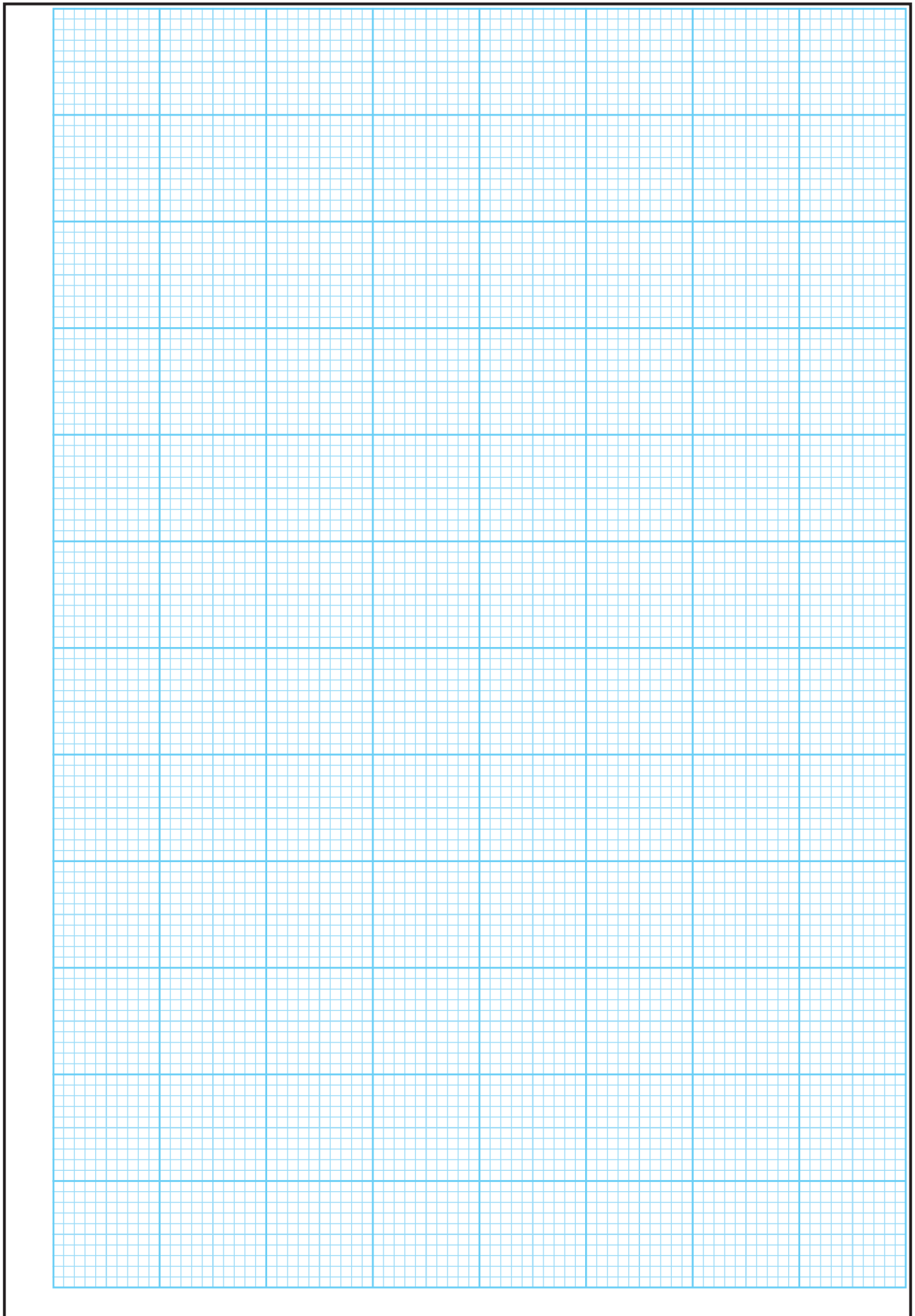
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Question

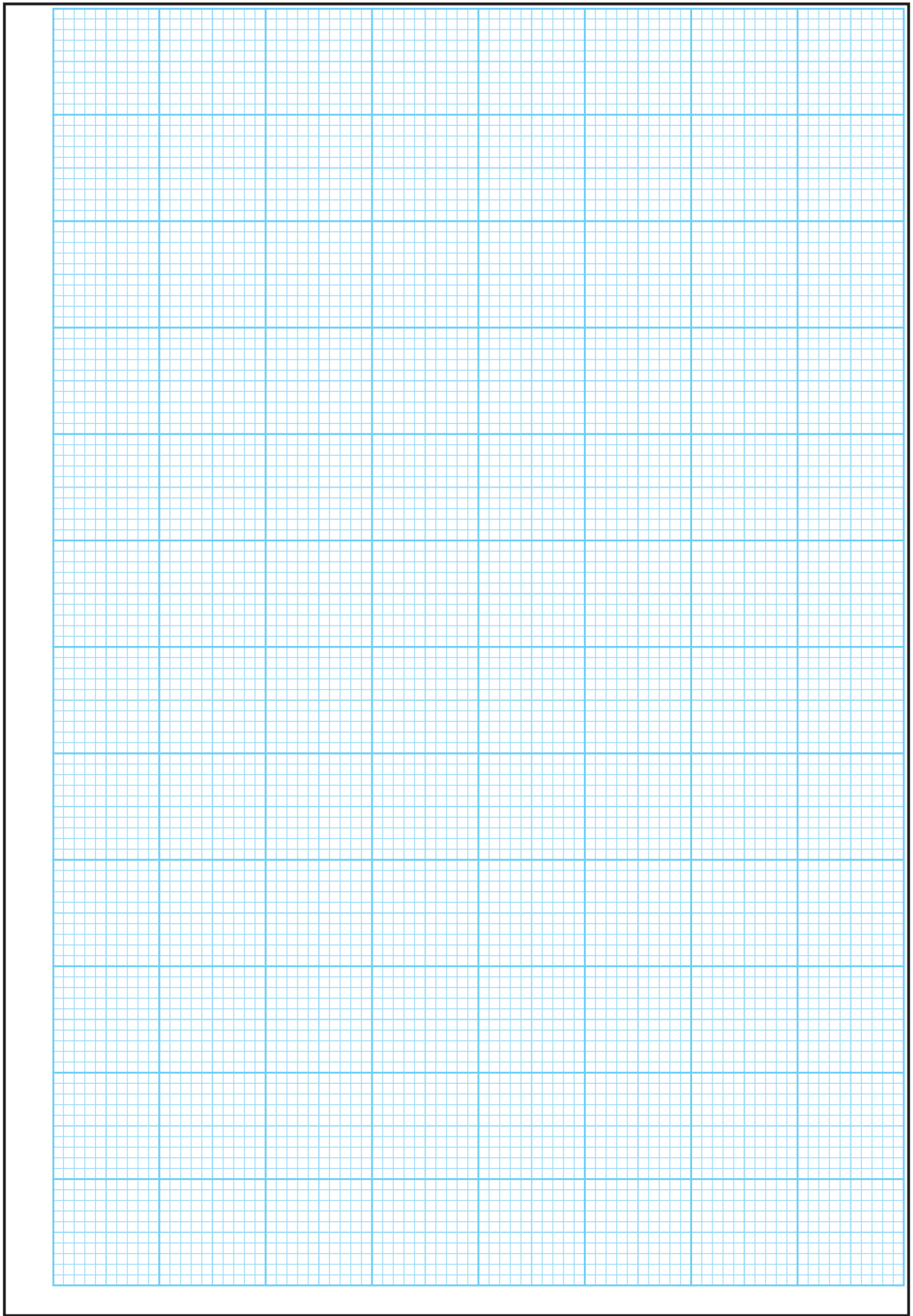


Question



Question

☐☐



Question

Part

[illegible]

Part

[illegible]

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Part

[illegible]

Part

[illegible]

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Part

[illegible]

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Part

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Part

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Part

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Part

[illegible]

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Part

[illegible]

A diagram showing a large rectangle divided into four smaller squares by a horizontal and a vertical line. The top-left and top-right squares are shaded gray, while the bottom-left and bottom-right squares are white and empty.

Part

[illegible]

Part

[illegible]

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Part

[illegible]

Part

[illegible]

Do not write on this page

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