Cambridge Assessment International Education

Cambridge IGCSE™

GEOGRAPHY **0460/42**

Paper 4 Alternative to Coursework **October/November 2023**

INSERT **1 hour 30 minutes**

1645839804-I

INFORMATION

- This insert contains additional resources referred to in the questions.
- You may annotate this insert and use the blank spaces for planning. **Do not write your answers** on the insert.

DC (RW/FC) 312455/3
© UCLES 2023

Fig. 1.1 for Question 1

Beach where students did fieldwork



© UCLES 2023

Fig. 1.2 for Question 1

Example of measurements made by the students

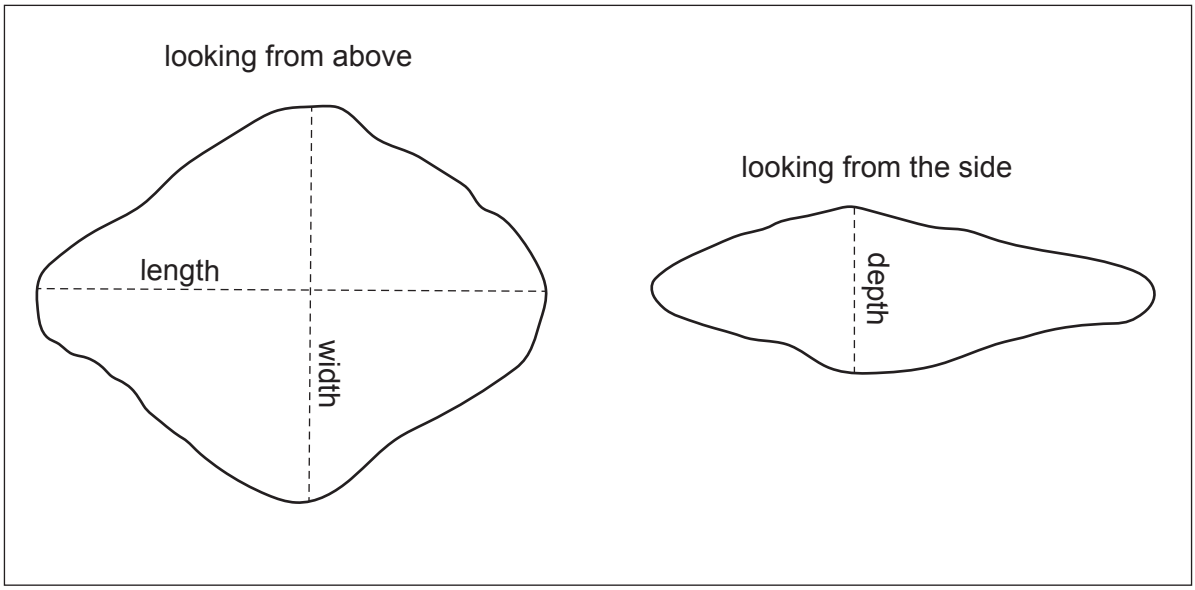


Table 1.1 for Question 1

Average size of beach material at the ten sites

	distance from north groyne (m)	average size of beach material (mm)
north groyne		
	10	94
	20	**91**
	30	70
	40	56
	50	60
	60	53
	70	63
	80	48
	90	53
	100	36
south groyne		

Table 1.2 for Question 1

Average size of beach material samples at site 3 which is 50 m from the sea

beach material sample number	average size (mm)
1	103
2	127
3	125
4	86
5	123
6	81
7	32
8	90
9	125
10	170
11	81
12	24
13	19
14	176
15	147
16	96
17	71
18	120
19	52
20	97

© UCLES 2023

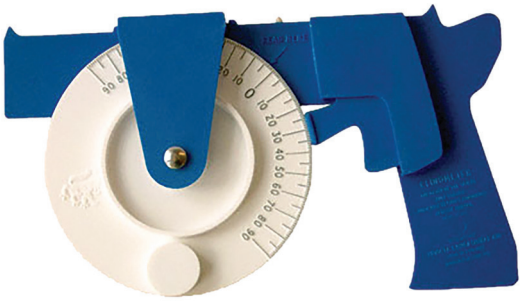
Fig. 1.7 for Question 1

Fieldwork equipment used to measure the beach profile

ranging poles



clinometer



tape measure



Fig. 2.1 for Question 2

Quarry in the Peak District



Table 2.1 for Question 2

Employment in the Peak District

industry	people employed (%)
tourism	24
manufacturing	19
quarrying	12
agriculture	**12**
others (includes transport, services and offices)	**33**

© UCLES 2023

Table 2.2 for Question 2

Impacts of the quarry on the local area

benefits of the quarry	number of answers	problems caused by the quarry	number of answers
It provides employment for local people.	41	Lorries going to and from the quarry are noisy.	45
Workers spend money in local shops.	30	Lorries are too big for local roads and damage the pavement.	38
The quarry owner supports the local community.	17	Dust from quarrying covers houses and cars.	**36**
Disused areas of the quarry are landscaped for leisure facilities.	11	The noise from blasting can be heard.	**20**
		It spoils the view of the natural landscape.	**17**
total	99	total	156

Table 2.3 for Question 2

Overall opinion of residents

the quarry is	percentage (%) of answers	the quarry is	percentage (%) of answers
good for the local area	37	bad for the local area	63

Table 2.4 for Question 2

Effect of the quarry on different businesses

type of business	how much the business was affected (% of answers)		
	greatly	a little	not at all
farming	66	18	16
hotels and restaurants	73	15	12
shops	33	39	28
transport	51	**30**	**19**

© UCLES 2023

Fig. 2.6 for Question 2

Developments in a disused quarry

Walking trail

Content removed due to copyright restrictions.

Caravan site



© UCLES 2023

Mountain biking



Fishing lake



© UCLES 2023

BLANK PAGE

BLANK PAGE

BLANK PAGE

The boundaries and names shown, the designations used and the presentation of material on any maps contained in this question paper/insert do not imply official endorsement or acceptance by Cambridge Assessment International Education concerning the legal status of any country, territory, or area or any of its authorities, or of the delimitation of its frontiers or boundaries.

Permission to reproduce items where third-party owned material protected by copyright is included has been sought and cleared where possible. Every reasonable effort has been made by the publisher (UCLES) to trace copyright holders, but if any items requiring clearance have unwittingly been included, the publisher will be pleased to make amends at the earliest possible opportunity.

To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced online in the Cambridge Assessment International Education Copyright Acknowledgements Booklet. This is produced for each series of examinations and is freely available to download at www.cambridgeinternational.org after the live examination series.

Cambridge Assessment International Education is part of Cambridge Assessment. Cambridge Assessment is the brand name of the University of Cambridge Local Examinations Syndicate (UCLES), which is a department of the University of Cambridge.

© UCLES 2023