Cambridge Assessment International Education

Cambridge IGCSE™

GEOGRAPHY **0460/42**

Paper 4 Alternative to Coursework **October/November 2022**

INSERT **1 hour 30 minutes**

2312635762-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 (CE/SG) 304747/3
© UCLES 2022

Fig. 1.1 for Question 1

Migration questionnaire

I'm a student at the local college in Nairobi. Please answer the following questions to help me with my Geography fieldwork.

1. Why did you migrate to Kenya?

.....

2. Which country did you migrate from when you came to Kenya?

.....

3. What is the main problem of living in Nairobi?

.....

4. What is your job in Nairobi?

.....

Thank you for your help.

© UCLES 2022

Table 1.1 for Question 1

Answers to question 2

Which country did you migrate from when you came to Kenya?

continent	country	number of migrants
Europe	Austria	2
	Denmark	5
	Spain	3
	Sweden	5
North America	Canada	2
	USA	8
Africa	Ethiopia	**3**
	Morocco	3
	Somalia	25
	South Sudan	3
	Sudan	3
	Tanzania	5
	Tunisia	2
Asia	China	6
	India	**25**

© UCLES 2022

[Turn over

Table 1.2 for Question 1

Answers to question 3

What is the main problem of living in Nairobi?

problem	number of answers from migrants							
	Europe / North America		India		Somalia		other countries	
crime and lack of security	13	52%	10	40%	4	16%	0	0%
high cost of living	0	0%	2	8%	10	40%	4	16%
intolerance by people	0	0%	2	**8%**	4	16%	11	44%
poor housing	0	0%	4	**16%**	6	24%	10	40%
traffic congestion	12	48%	7	**28%**	1	4%	0	0%

© UCLES 2022

Table 1.3 for Question 1

Jobs of migrants

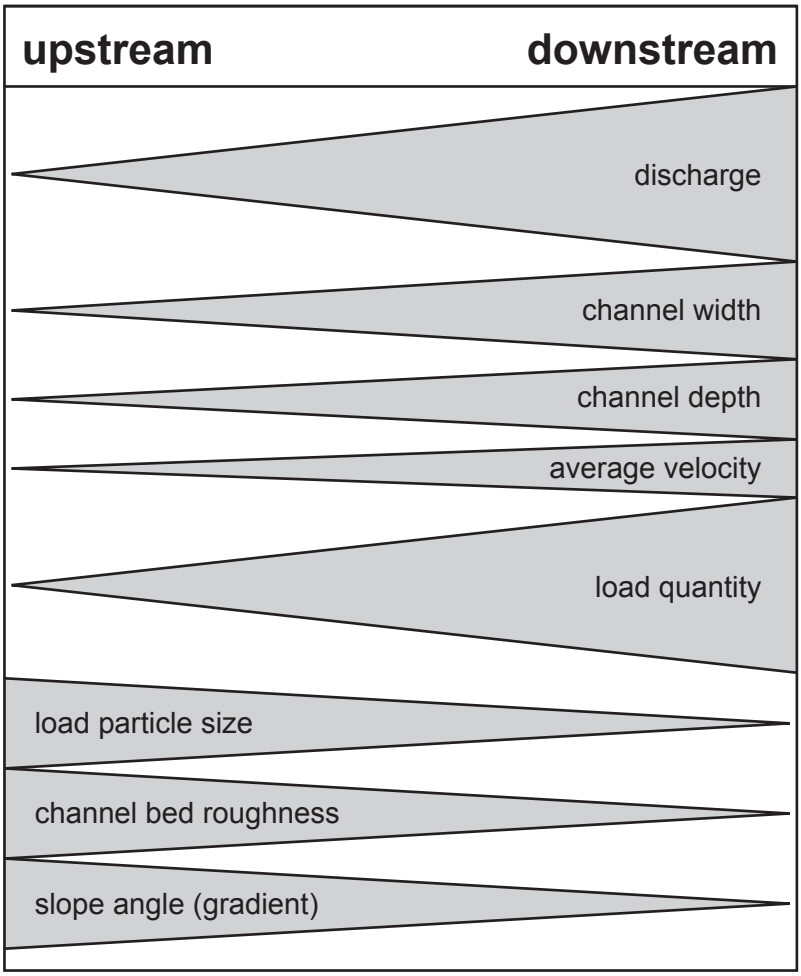
migrants from Somalia	migrants from Europe / North America
market trader	insurance broker
market trader	insurance broker
market trader	finance manager
market stall owner	finance manager
market stall owner	finance consultant
market stall owner	finance consultant
store owner	
store owner	company managing director
shop salesperson	factory manager
shop salesperson	factory manager
street seller	office manager
	department store manager
cleaner	sales manager
cleaner	
cleaner	government adviser
maid	government embassy official
waiter	government embassy official
hotel porter	
taxi driver	IT developer
taxi driver	IT developer
delivery driver	IT consultant
	research and development officer
security guard	energy research consultant
security guard	
	construction engineer
factory worker	construction engineer
factory worker	construction engineer
factory worker	
	teacher
	teacher

© UCLES 2022

[Turn over

Fig. 2.1 for Question 2

The Bradshaw model which shows how characteristics of a river change



© UCLES 2022

Table 2.1 for Question 2

Measurement results at site 1

measurement number	time for orange to travel 10 m (sec)	velocity (m per sec)
1	37	0.27
2	38	0.26
3	29	0.34
4	29	0.34
5	35	0.29
6	33	0.30
7	47	0.21
8	33	0.30
9	29	0.34
10	39	0.25
replacement	38	0.26
average	34	0.29

Table 2.2 for Question 2

Average velocity results at the three sites

site	average velocity (m per sec)
1	0.29
2	**0.38**
3	0.27

© UCLES 2022

[Turn over

Fig. 2.3 for Question 2

Measuring the pebble



© UCLES 2022

Table 2.3 for Question 2

Results of pebble measurements at site 3

pebble number	length (cm)
1	7.5
2	7.6
3	8.5
4	6.1
5	3.4
6	4.0
7	5.8
8	7.2
9	14.3
10	8.7
11	**12.8**
12	14.2
average	**8.3**

Fig. 2.5 for Question 2

Powers' scale of roundness

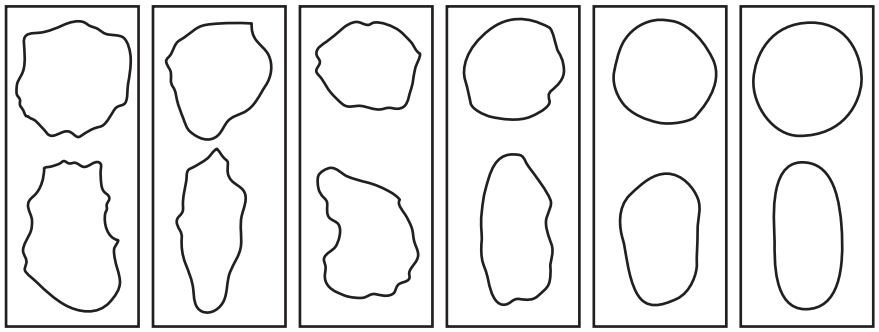


Table 2.4 for Question 2

Student's results of measurement of roundness

site	**number of pebbles**					
	very angular	angular	slightly angular	slightly rounded	rounded	very rounded
1	1	3	**6**	**1**	**1**	**0**
2	1	0	2	4	5	0
3	0	0	0	0	5	7

© UCLES 2022

BLANK PAGE

© UCLES 2022

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 2022