

Cambridge O Level

GEOGRAPHY

2217/03

Paper 3 Geographical Investigations

For examination from 2027

SPECIMEN INSERT

1 hour 30 minutes

INFORMATION

- This insert contains all the 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.



This document has **8** pages.

Table 1.1 for Question 1

Results of students' measurements


direction along beach	sampling site	distance along beach (m)	mean (average) length of pebbles (cm)	total roundness index score
west	1	0	8.4	27
	2	120	8.5	48
	3	240	7.7	36
	4	360	8.1	58
	5	480	6.6	33
	6	600	6.4	45
	7	720	6.2	31
	8	840	8.2	50
	9	960	6.8	39
	10	1080	6.2	40
	11	1200	6.5	34
	12	1320	5.8	31
	13	1440	4.8	38
	14	1560	5.0	52
east	15	1680	5.1	41

Fig. 1.3 for Question 1

Roundness index

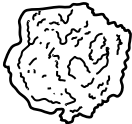





roundness classes	very angular	angular	slightly angular	slightly rounded	rounded	very rounded
						
roundness score	1	2	3	4	5	6

Figure 1.5 for Question 1

Groynes



groynes

Figure 1.6 for Question 1

Sea wall and rock armour



sea wall

rock armour

Table 1.3 for Question 1

Students' bi-polar survey recording form

Circle the coastal protection method being studied								
			groynes		sea wall		rock armour	
disadvantage	-3	-2	-1	0	+1	+2	+3	advantage
looks unattractive								looks attractive
prevents access to beach								allows access to beach
danger of accident walking on it								safe to walk on
does not protect the coast								protects the coast
does not stop erosion by waves								stops all erosion by waves
total score =								

Table 1.4 for Question 1

Results of students' bi-polar survey

feature being assessed	students' score		
	groynes	sea wall	rock armour
does it look attractive?	+1	-1	-2
does it allow access to the beach?	+3	-3	-3
is it safe to walk on?	-3	-2	-3
does it protect the coast?	+1	+3	+2
does it stop wave erosion?	+1	+3	+3
total score	+3	0	-3

Figure 2.1 for Question 2

Migration questionnaire

I'm a student at a school in Rome. Please answer the following questions to help me with my geography fieldwork.

1 In which country were you born?

.....

2 What is the main reason why you moved to Rome?

.....

3 What do you think are the benefits and problems of living in Rome?

benefits

.....

.....

problems

.....

.....

Thank you for your help.

Table 2.1 for Question 2

Results of Question 1: In which country were you born?

continent	country	number of migrants
Europe	Albania	5
	Moldova	3
	Poland	4
	Romania	36
	Ukraine	6
Africa	Egypt	3
	Libya	2
	Mali	2
	Nigeria	1
	Tunisia	3
Asia	Bangladesh	8
	China	5
	India	4
	Philippines	11
	Sri Lanka	2
South America	Ecuador	2
	Peru	3

Table 2.2 for Question 2

Results of Question 2: What is the main reason why you moved to Rome?

pull factor	number of migrants	push factor	number of migrants
employment or higher wages	18	war or conflict	35
better education for children	9	racial or religious persecution	19
better quality of life	5	natural hazard or famine	7
family already live in Rome	3	poverty	4

Table 2.3 for Question 2

Benefits and problems of living in Rome

benefit	number of answers	problem	number of answers
opportunity to work	67	high cost of living	92
children go to school	64	racial and religious intolerance	74
good healthcare	53	low paid jobs/exploitation	69
meet with local community and family	48	poor houses and accommodation	57
cheap food	29	not understand Italian language	39
many shops and services	19	loneliness/miss family still living in the home country	34
		traffic noise and fumes	31
		qualifications achieved in their country not accepted	24
total	280	total	420

Copyright acknowledgements

- Question 1, Figure 1.1 © *Using calipers to measure the a, b and c axes of a pebble*; Field Studies Council; www.geography-fieldwork.org/a-level/coasts/coastal-management/method/; CC BY; <https://creativecommons.org/licenses/by/4.0>
- Question 1, Figure 1.5 © Ref: F0Y2KY; Simon Youe / Alamy Stock Photo; *Beach between Porlock and Porlock Weir, Bossington Hill in background*; www.alamy.com
- Question 1, Figure 1.6 Minehead – Esplanade; cc-by-sa/2.0 - © Chris Talbot – geograph.org.uk/p/2799904; Copyright Chris Talbot and licensed for reuse under creativecommons.org/licenses/by-sa/2.0

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 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 (Cambridge University Press & Assessment) 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.

Cambridge International Education is the name of our awarding body and a part of Cambridge University Press & Assessment, which is a department of the University of Cambridge.