Cambridge Assessment International Education

Cambridge IGCSE™

GEOGRAPHY **0460/41**

Paper 4 Alternative to Coursework **October/November 2024**

INSERT **1 hour 30 minutes**

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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.

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Fig. 1.1 for Question 1

Florentia Village commercial centre

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Fig. 1.2 for Question 1

Visitor questionnaire

Date: ..... Time: .....

Excuse me; I am a student at the international college. Please could you answer these questions to help me with my geography fieldwork?

1. How many times have you visited Florentia Village in the previous 12 months? (include this visit).

   .....

2. How far have you travelled to get to Florentia Village?

   ..... km

3. What is your main reason for visiting Florentia Village? Tick (✓) your answer.

	tick (✓)
to buy luxury comparison goods	
to eat in a restaurant	
to go to the entertainment centre	
to look at the architecture	

4. What do you most like about visiting Florentia Village?

   .....

   .....

5. What do you dislike about visiting Florentia Village?

   .....

   .....

Thank you for answering my questions.

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Table 1.1 for Question 1

Results of question 1 and question 3 in the questionnaire

number of visits in the previous 12 months	**main reason for visiting Florentia Village**			
	buy luxury comparison goods	eat in a restaurant	go to the entertainment centre	look at the architecture
1 to 5	13	6	3	3
6 to 10	8	4	2	1
11 to 15	**4**	**1**	**2**	**3**

Table 1.2 for Question 1

Results of question 4 in the questionnaire

most like about visiting Florentia Village	**number of answers**
large variety of comparison shops	15
easy to get to by car	10
it is open in the evening	10
traffic-free area for shopping	**8**
high level of security	**7**

Table 1.3 for Question 1

Results of question 5 in the questionnaire

dislike about visiting Florentia Village	**number of answers**
it is overcrowded at times	**17**
expensive to park	**16**
noisy near the entertainment centre	8
difficult access for older and disabled visitors	5
difficult to get to by public transport	4

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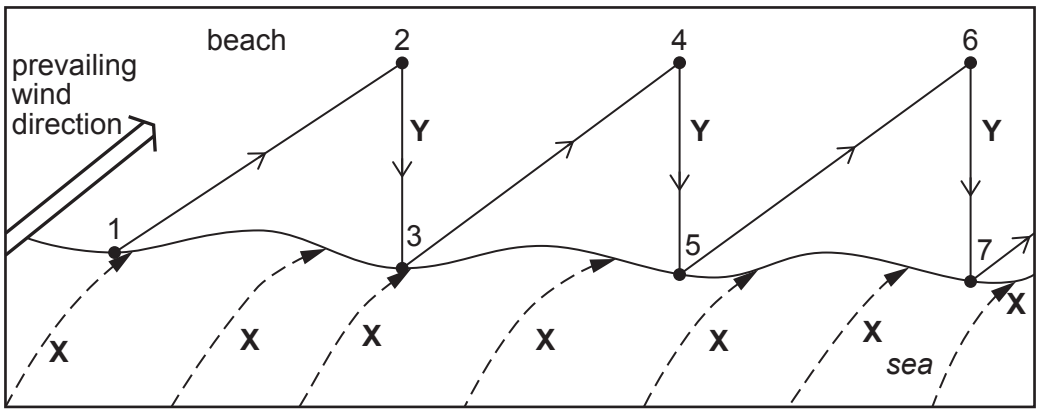
Fig. 2.1 for Question 2

How the students measure wave frequency

One student holds a ranging pole in the sea where waves go up the beach. Another student uses a clicker or tally chart to count the number of waves which hit the pole in one minute. A third student uses a stopwatch to measure one minute. The students repeat the task three times along the beach.

Fig. 2.2 for Question 2

Longshore drift



Key

movement of pebble

• 1 – 7 positions of pebble

Fig. 2.3 for Question 2

Students' method to measure the height of a groyne above the beach

- Go along the groyne from the back of the beach to the sea.
- Use a ruler or tape measure to measure from the top of the groyne to the beach.
- Measure and record the difference in height at three points along the groyne.
- Make the measurements on both the west and east sides of the groyne.
- Repeat the method on three other groynes.

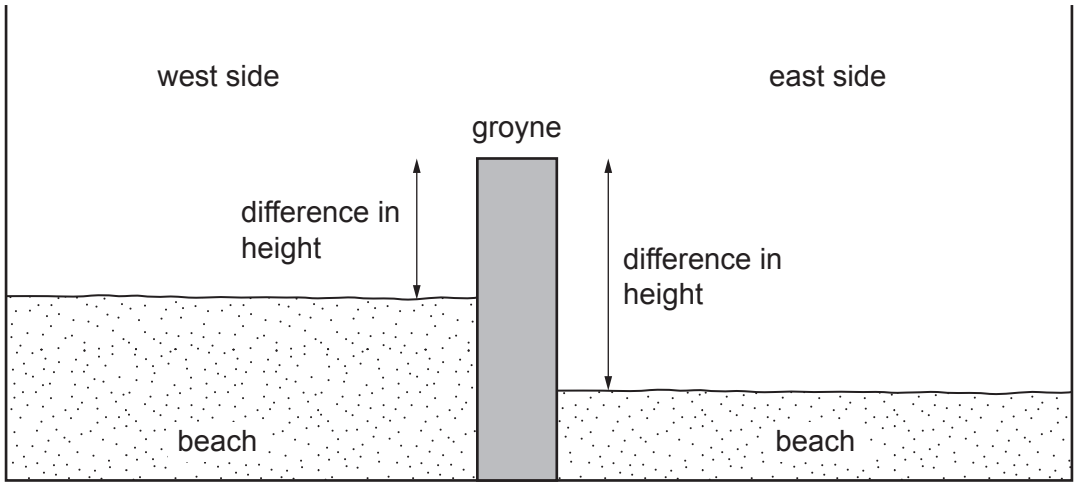


Table 2.2 for Question 2

Results of the students' measurements

groyne	**average height difference between top of groyne and beach (m)**	
	west side	east side
A	0.70	0.88
B	0.78	1.28
C	0.48	1.12
D	**0.50**	**1.20**

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Table 2.3 for Question 2

Results of the interviews with local residents

Q1: Do you think the coastal defences are needed along the local coastline?

Yes	77%
No	16%
Not sure	7%

Q2: Coastal protection is very expensive. Do you think it is worth spending so much money?

Yes	52%
No	36%
Not sure	12%

Q3: If you think that coastal defences are needed, explain why.

stop houses falling into the sea	39%
protect beaches	32%
protect farmland	**18%**
protect tourist caravan sites	7%
stop roads collapsing into the sea	4%

Table 2.4 for Question 2

Results of the final interview question

Q4: Who do you think should pay for any new coastal defences?

local residents	5%
local town council	19%
national government	40%
tourists	36%

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