



# **Cambridge IGCSE™**

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**GEOGRAPHY**

**0460/41**

Paper 4 Alternative to Course work

**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 pages for planning. **Do not write your answers** on the insert.

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This document has **8** pages. Any blank pages are indicated.

**Fig. 1.1 for Question 1****Florentia Village commercial centre**

**Content removed due to copyright restrictions.**

## 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.

**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 lux <del>u</del> ry o mpari <del>o</del> n goods | eat in a res <del>u</del> aurant | go to the entertainment e ntre | look at the arb itet ure |
| 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 a riety of o mpari <del>o</del> n b ops | 15                |
| easy to get to by a r                         | 10                |
| it is open in the ee ning                     | 10                |
| traffic free area for b opping                | 8                 |
| high le <del>u</del> l of e a rity            | 7                 |

**Table 1.3 for Question 1****Results of question 5 in the questionnaire**

| dislike about visiting Florentia Village       | number of answers |
|--|-------------------|
| it is oe rc owded at times                     | 17                |
| eo enis e to park                              | 16                |
| nois near the entertainment e ntre             | 8                 |
| diffia lt ae s for older and dia bled vis tors | 5                 |
| diffia lt to get to by public transp ort       | 4                 |

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.

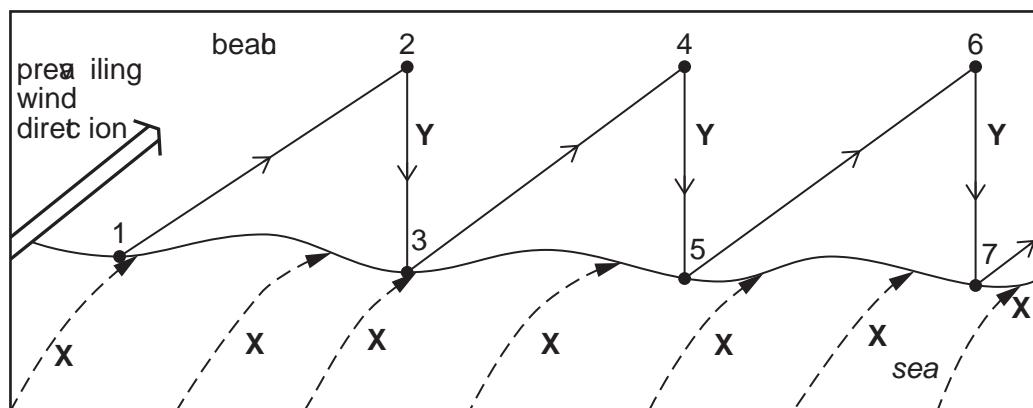
Another student uses a timer or tally board to count the number of waves which hit the pole in one minute.

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 wet and乾 sides of the groyne.
- Repeat the method on three other groynes.

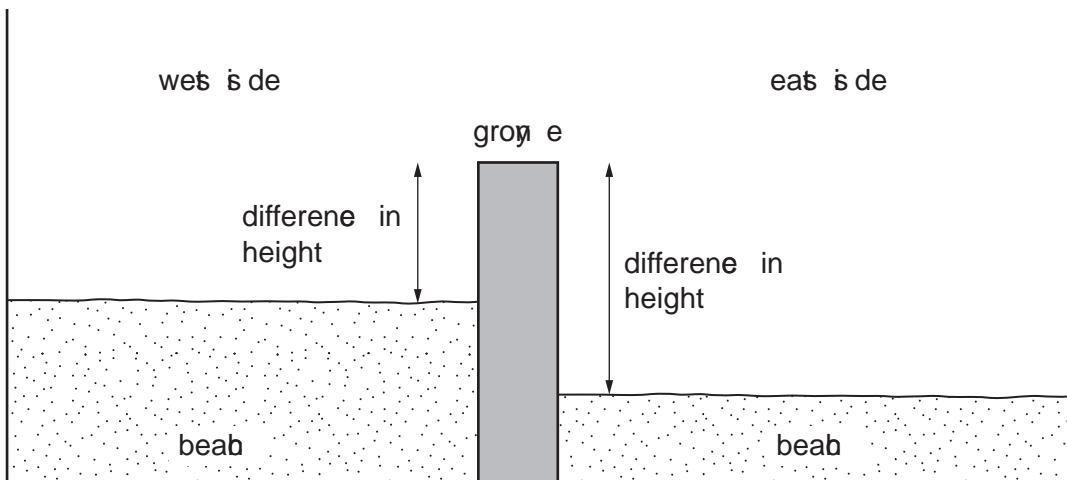


Table 2.2 for Question 2

## Results of the students' measurements

| groyne | average height difference between top of groyne and beach (m) |             |
|--------|---|-------------|
|        | wet side  | dry side    |
| A      | 0.70  | 0.88        |
| B      | 0.78  | 1.28        |
| C      | 0.48  | 1.12        |
| D      | <b>0.50</b>   | <b>1.20</b> |

**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 a lot of 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 attractions        | 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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