



---

**GEOGRAPHY**

**0460/43**

Paper 4 Alternative to Coursework

**May/June 2019**

INSERT

**1 hour 30 minutes**

---

**READ THESE INSTRUCTIONS FIRST**

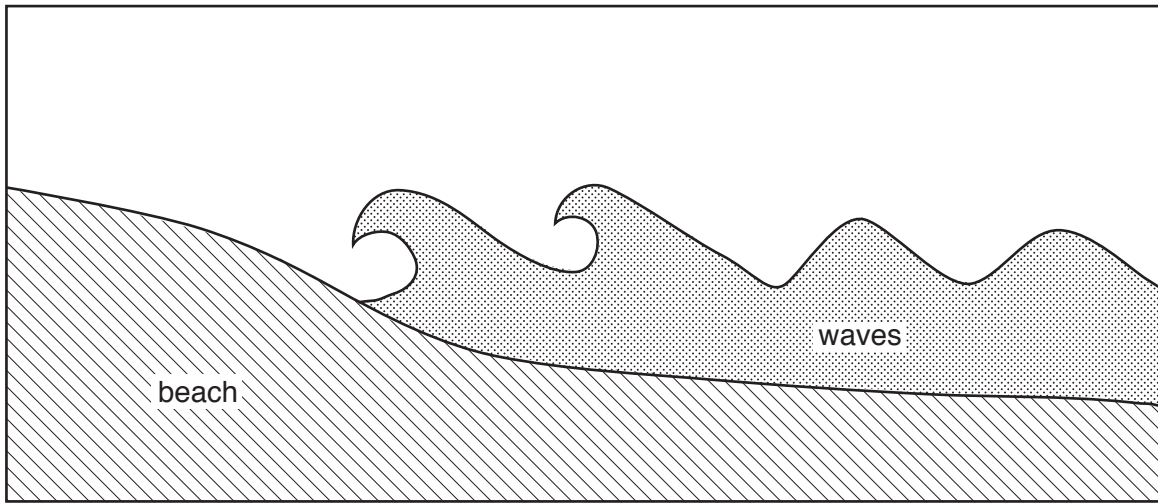
This Insert contains Figs. 1.1, 1.2 and 1.3 and Table 1.1 for Question 1, and Figs. 2.1, 2.2 and 2.4 and Tables 2.1, 2.2 and 2.3 for Question 2.

The Insert is **not** required by the Examiner.



Fig. 1.1 for Question 1

**Destructive waves**



**Constructive waves**

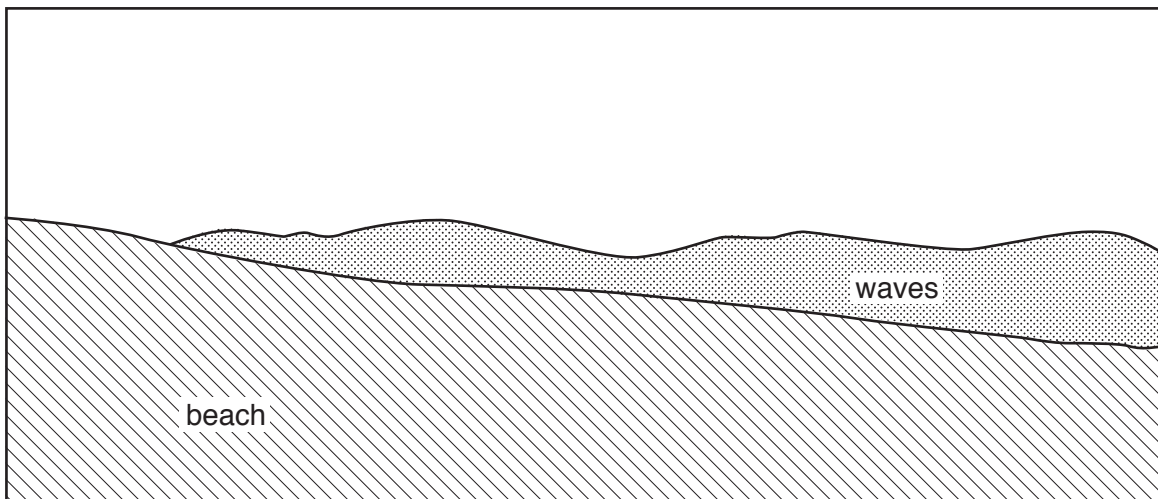


Table 1.1 for Question 1

## Wave frequency measurements

Archangelos beach

Measurement	1	2	3	4	5	6	7	8	9	10	Average
Wave frequency (waves per minute)	12	13	14	12	15	13	14	13	15	11	13.2

Afandou beach

Measurement	1	2	3	4	5	6	7	8	9	10	Average
Wave frequency (waves per minute)	6	7	6	9	7	8	6	8	7	9	7.3

Fig. 1.2 for Question 1

## Beach profiles

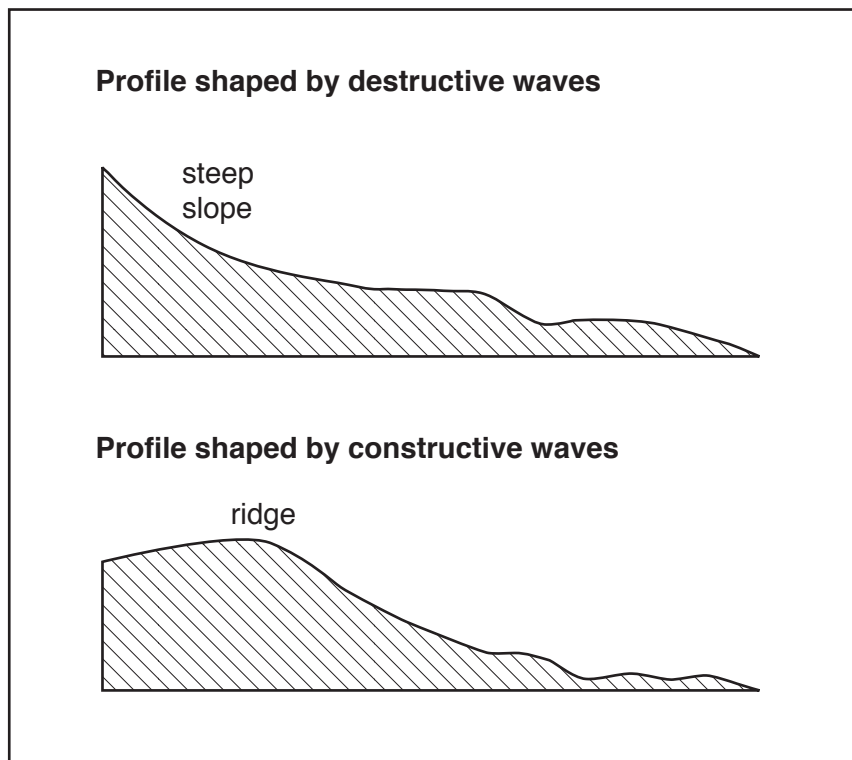


Fig. 1.3 for Question 1

Measuring a beach profile





Fig. 2.1 for Question 2

Mossbank



Ratcliffe



Fig. 2.2 for Question 2

Recording form

Features of the local environment

Location: Ratcliffe		Mossbank (circle the area)							
Feature	Negative description	-3	-2	-1	0	+1	+2	+3	Positive description
Housing design	Identical, cramped and low quality								Varied, spread out and high quality
Condition of buildings	Poorly maintained and decaying								Well maintained and attractive
Open space	Unattractive, derelict wasteland								Attractive and well cared for
Noise	Very noisy from different sources								Quiet, and causes no inconvenience
Traffic	Constant heavy traffic flow								No passing traffic
Vandalism and graffiti	Widespread damage, graffiti and mess								No sign of any damage, graffiti or mess
Litter	Much litter around								No evidence of litter

Table 2.1 for Question 2

**Students' results of the fieldwork survey**

Feature	Mossbank	Ratcliffe
Housing design	-3	0
Condition of buildings	-2	+1
Open space	-2	+1
Noise	0	+1
Traffic	-1	<b>+2</b>
Vandalism and graffiti	-2	<b>+3</b>
Litter	0	<b>+1</b>
Total score	-10	+9

Table 2.2 for Question 2

**Residents' results of the fieldwork questionnaire**

Feature	Mossbank	Ratcliffe
Housing design	-1	+1
Condition of buildings	+1	+2
Open space	-2	0
Noise	-1	0
Traffic	+1	0
Vandalism and graffiti	0	+1
Litter	+1	+1
Total score	-1	+5

Fig. 2.4 for Question 2

## Resident questionnaire

Area: Mossbank Ratcliffe (circle the area)

This questionnaire is part of our Geography fieldwork.

Complete the table below by putting an 'X' in the appropriate box to assess each of the following features of the local area.

Feature	Negative description	-3	-2	-1	0	+1	+2	+3	Positive description
Housing design	Identical, cramped and low quality								Varied, spread out and high quality
Condition of buildings	Poorly maintained and decaying								Well maintained and attractive
Open space	Unattractive, derelict wasteland								Attractive and well cared for
Noise	Very noisy from different sources								Quiet, and causes no inconvenience
Traffic	Constant heavy traffic flow								No passing traffic
Vandalism and graffiti	Widespread damage, graffiti and mess								No sign of any damage, graffiti or mess
Litter	Much litter around								No evidence of litter

Complete the table below to show your opinion of aspects of the local area. Put a tick (✓) to show your decision.

Aspect	Excellent	Good	Satisfactory	Poor	Very poor
Local schools					
Health services					
Parks and playgrounds					
Personal safety					
Community spirit					

Thank you for your help.



Table 2.3 for Question 2

## Residents' opinions of their local area

Mossbank	Number of residents' opinions				
Aspect of the local area	Excellent	Good	Satisfactory	Poor	Very poor
Local schools	5	7	6	4	3
Health services	4	9	6	3	3
Parks and playgrounds	6	6	7	3	3
Personal safety	4	5	6	4	6
Community spirit	7	5	9	3	1
Total	26	32	34	17	16

Ratcliffe	Number of residents' opinions				
Aspect of the local area	Excellent	Good	Satisfactory	Poor	Very poor
Local schools	2	4	10	5	4
Health services	3	6	8	6	2
Parks and playgrounds	1	2	9	7	6
Personal safety	3	6	5	6	5
Community spirit	2	4	7	3	9
Total	11	22	39	27	26





**BLANK PAGE**

---

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](http://www.cambridgeinternational.org) after the live examination series.

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