



Cambridge International Examinations
Cambridge International General Certificate of Secondary Education

GEOGRAPHY

0460/42

Paper 4 Alternative to Coursework

May/June 2017

INSERT

1 hour 30 minutes



READ THESE INSTRUCTIONS FIRST

This Insert contains Photographs A and B and Table 1 for Question 1, and Figs. 5 and 7 and Tables 4 and 5 for Question 2.

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

The syllabus is approved for use in England, Wales and Northern Ireland as a Cambridge International Level 1/Level 2 Certificate.

This document consists of **6** printed pages and **2** blank pages.

Photograph A for Question 1



Photograph B for Question 1



Table 1 for Question 1

Results of the students' fieldwork

Area with no visitor access

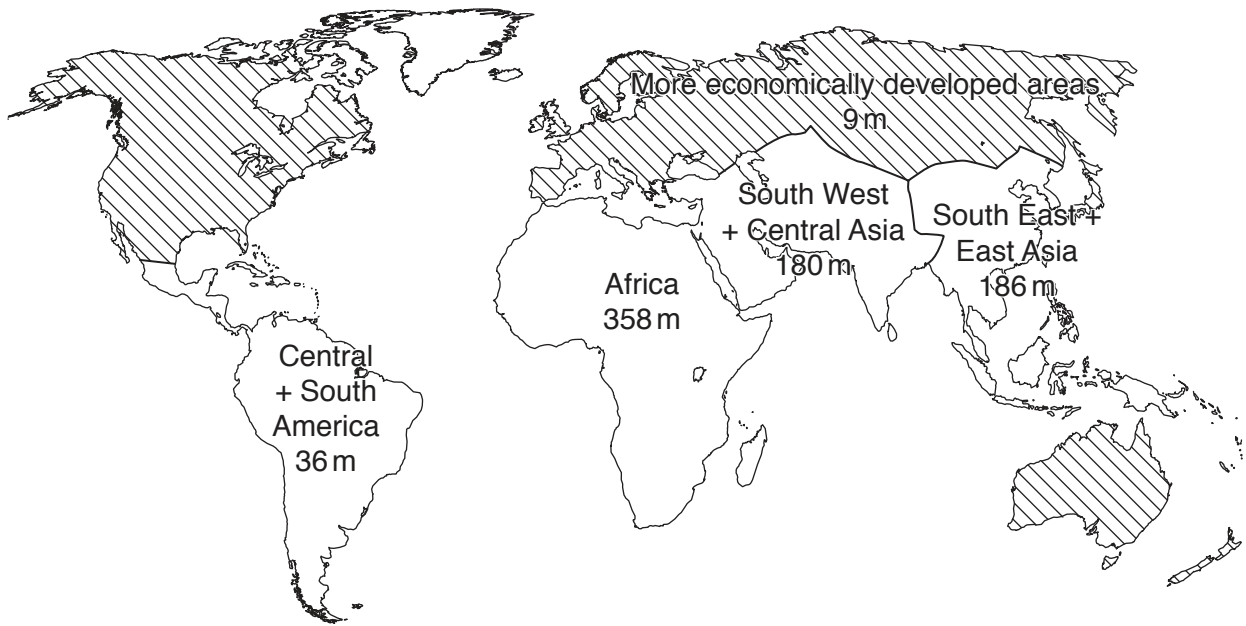
| Distance from high water mark (m) | Vegetation cover (%) | Number of different plant species |
|-----------------------------------|----------------------|-----------------------------------|
| 0 | 0 | 0 |
| 10 | 70 | 2 |
| 20 | 65 | 3 |
| 30 | 85 | 5 |
| 40 | 95 | 5 |
| 50 | 80 | 4 |
| 60 | 75 | 3 |
| 70 | 80 | 6 |
| 80 | 90 | 6 |
| 90 | 75 | 6 |
| 100 | 90 | 6 |

Area open to visitors

| Distance from high water mark (m) | Vegetation cover (%) | Number of different plant species |
|-----------------------------------|----------------------|-----------------------------------|
| 0 | 0 | 0 |
| 10 | 50 | 1 |
| 20 | 40 | 1 |
| 30 | 65 | 3 |
| 40 | 65 | 3 |
| 50 | 85 | 4 |
| 60 | 70 | 3 |
| 70 | 40 | 2 |
| 80 | 65 | 3 |
| 90 | 40 | 1 |
| 100 | 85 | 4 |

Fig. 5 for Question 2

World distribution of people with no access to clean water

**Key**

36m millions of people who do not have access to clean water



more economically developed areas

Fig. 7 for Question 2

Resident questionnaire

I am a researcher for a charity which tries to improve water supplies in villages. Please answer the following questions to provide information to the charity.

1. How many hours per week does the family spend collecting water?

.....

2. How far do you have to go to collect water?

..... metres

3. How much water do you use per day in the household?

..... litres

4. Which of the following sources do you use for getting water?

Piped through a tap

Hand-operated pump

Well

Rainwater tank

River

Pond

Thank you for your help.

Table 4 for Question 2

Results of questions 1, 2 and 3 in the questionnaire

| Village | Average time spent collecting water (hours per week) | Average distance travelled to collect water (m) | Average amount of water used per family (litres per day) |
|--------------|--|---|--|
| Anganwa | 14 | 120 | 316 |
| Bacharna | 22 | 950 | 286 |
| Kalijal | 19 | 1460 | 215 |
| Lolawas | 15 | 217 | 257 |
| Modijoshiyan | 17 | 283 | 343 |
| Soorpora | 18 | 136 | 311 |

Table 5 for Question 2

Percentage of families using different sources of water

| Village | Sources of water | | | | | |
|--------------|---------------------|--------------------|------|----------------|-------|------|
| | Piped through a tap | Hand-operated pump | Well | Rainwater tank | River | Pond |
| Anganwa | | 100 | | | | |
| Bacharna | | | 100 | 13 | 40 | |
| Kalijal | | | 47 | 65 | | 94 |
| Lolawas | | 20 | 27 | 86 | | 20 |
| Modijoshiyan | | 53 | | 100 | | 7 |
| Soorpora | 29 | 41 | 30 | | | |

Note: In some villages families used more than one source of water

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