

**UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS**  
**International General Certificate of Secondary Education**

**MARK SCHEME for the May/June 2012 question paper**  
**for the guidance of teachers**

**0460 GEOGRAPHY**

**0460/22**

Paper 2, maximum raw mark 60

This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began, which would have considered the acceptability of alternative answers.

Mark schemes must be read in conjunction with the question papers and the report on the examination.

- Cambridge will not enter into discussions or correspondence in connection with these mark schemes.

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- 1 (a) (i) railway [1]
- (ii) dam(s)/lake(s) [1]
- (iii) (seasonal) marsh [1]
- (iv) mine dump [1]
- (v) bush (any type)/(intensive) conservation area [1]
- (vi) aerodrome/landing area/airport/airstrip [1]
- (b) the river is between 100 m and 500 m wide  
there is a dam on the river  
there are islands in the river  
there are rapids on the river [4]
- (c) (i) Flood plain: 41–52 mm from left hand side of section [1]
- (ii) Group of huts: 4–16 mm from left hand side of section [1]
- (iii) Track: 3 options 48–53 mm/60–64 mm/87–89 mm from left hand side of section [1]
- (d) railway/tarred roads  
power line/fuel tanks/33 kV (line)  
built up area/huts/staff quarters/buildings/town/village/township/settlement/urban area/residential area, [3]
- (e) (i) 233° [1]
- (ii) 974/5 731 [1]
- (iii) gravel/earth (road) [1]
- (iv) cultivation [1]
- 2 (a) Caribbean  
Nazca [2]
- (b) (i) destructive [1]
- (ii) plates converge/push against/move towards/collide etc.  
subduction/description of subduction  
Nazca/oceanic plate subducted  
friction  
build up of stress/pressure  
fracturing/faulting  
release of energy/pressure [3]

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- (c) Haiti shallower  
Haiti nearer to (large) town

Allow with emphasis on Chile or without place names.

Repetition of figures alone = 0 but allow the use of the word "only". [2]

3 (a) (i) 5/5.2 million [1]

(ii) Germany [1]

(iii) allows easy comparison with other countries/other pyramids/other populations [1]

"see percentages/proportions" = 0

"easier to read" = 0

(iv) A Philippines  
B Germany [2]

(b) (i) Philippines [1]

(ii) Brazil [1]

(iii) Germany [1]

Page 4	Mark Scheme: Teachers' version	Syllabus	Paper
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- 4** waves parallel to coast  
 waves breaking/plunging/powerful/strong/swash/backwash  
 swell  
 low tide
- cliffs  
 wave-cut platform  
 rock layers/strata  
 sand/beach/shingle/pebbles  
 rocks/boulders/stones/rocky/jagged  
 brown/grey/dark rocks/coastline (not beach)  
 vegetation growing on cliffs  
small/slight bay  
 headland/point/peninsula  
 rock pool(s)
- flat inland/plateau/flat top  
 fields/agriculture/farm  
 buildings/houses/settlement/village/sparse/little settlement/population
- Photograph A cumulus  
 Photograph B stratus

No reserved marks.

Allow point such as “rocks”, “strata” and “powerful waves” unless they are clearly referring to formation processes in the past and not description of the photograph. [8]

- 5 (a) (i)** potato bar completed correctly at 10 fields [1]

Ignore shading and width of column.

- (ii)** fields of different sizes  
 crops of different yields/produce different amounts  
 crops of different value/market/profitability/price/demand  
 crops with different inputs e.g. labour/capital/land quality/fertiliser/irrigation/relief/  
 drainage etc.  
 crops with different speeds of growth/number of harvests  
 subsistence or commercial  
 crops with different space requirements/intensity of farming [2]

- (b) (i)** more than half the area correctly shaded

Any shading will do. There should be no significant area shaded outside the correct area. [1]

- (ii)** shortest route correctly plotted – via cross roads [1]

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(c) (i) pipes/pump [1]

(ii) far/farther/farthest from dam/pump/reservoir/remote/isolated  
at high/higher/highest level/uphill (allow by contour heights of dam and fields)  
need for pumping  
large/larger/largest area/fields [2]

**6 (a) Photograph C**

old/historic buildings/church/cathedral/castle/architecture/culture  
shopping/buying flowers/market  
cafes/restaurants/bars/coffee shop

**Photograph D**

safari/wildlife/national park  
hunting  
scenery/landscape specified e.g. savannah/desert/bush

**Photograph E**

swimming/pool  
sunbathing  
hotel/restaurant/bar/apartments/resort  
scenery/landscape specified e.g. coastal/cliffs  
sea via steps/beach  
rock climbing

**Any photograph**

photography, (once only)

At least one from each photograph.

Reference to Photos A and B = 0

Allow single word answers. [6]

**(b) congestion/overcrowding (any form)**

low wages  
temporary/seasonal work  
crime/vice/vandalism  
effect on local culture  
higher prices  
noise/less peaceful/less calm  
litter [2]