## **CAMBRIDGE INTERNATIONAL EXAMINATIONS**

**Cambridge International General Certificate of Secondary Education** 

## MARK SCHEME for the October/November 2014 series

## 0460 GEOGRAPHY

0460/21

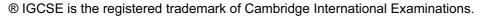
Paper 2, maximum raw mark 60

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 should be read in conjunction with the question paper and the Principal Examiner Report for Teachers.

Cambridge will not enter into discussions about these mark schemes.

Cambridge is publishing the mark schemes for the October/November 2014 series for most Cambridge IGCSE<sup>®</sup>, Cambridge International A and AS Level components and some Cambridge O Level components.





[1]

[1]

Page	2	Mark Scheme	Syllabus	Paper
		Cambridge IGCSE – October/November 2014	0460	21
1 (a)	(i)	Vonko		[1]
	(ii)	dip tank		[1]
	(iii)	ruins/national monument/place of historical interest		[1]
	(iv)	942 <u>metres</u>		
	(v)	bush/track/trees/forest		[1]
	(vi)	reservoir		[1]
(b)	the the	river is about 100 m wide river has many tributaries river flows towards the east river meanders		[4]
(c)	(i)	linear		[1]
	(ii)	along/next to roads/tracks (for transport) on ridges avoids rivers/flooding/bush in/next to cultivated land near springs/small rivers		[1]
	(iii)	huts		[1]
(d)	(i)	position of the Nkazhe river 52 – 58 mm from left hand margin		[1]
	(ii)	position of south facing slope of Banbanika hill 36 – 48 mm from lef	t hand marg	in <b>[1]</b>
	(iii)	position of a track (three options) $0 - 4/9 - 12/67 - 71  \text{mm}$ from left	hand margi	n [1]
		Use the ruler device to measure the answers Arrows should end within about 1 cm of the profile. Measure to the projects to	point that th	e arrow
(e)	(i)	cultivation		[1]
	(ii)	east		[1]

(iii) 5 km

(iv) 980 m

Page 3	Mark Scheme	Syllabus	Paper
	Cambridge IGCSE – October/November 2014	0460	21

2 (a) mainly/mostly outward migration to M.E.D.C.s/northern hemisphere countries mostly/mainly/all east to west

China to U.S.A.

China to Italy/Europe/named European country

Afghanistan/Pakistan/India/South Asia/Philippines to U.A.E./Oman/Arabia/Middle East India to U.K.

Philippines to China/Vietnam/South East Asia/other parts of Asia

For other sources and destinations not linked:

2 sources = max 1

2 destinations = max 1

Max 2

(b) (i) Canada 18/19

- -

[5]

[1]

(ii) France 4.9

[1]

(iii) total is <u>much</u> bigger/<u>much</u> more people total higher with 2 figures quoted

[1]

3 (a) X plateau

Y interlocking spurs

Z V-shaped valley [3]

(b) small/narrow river/up to 10 m wide meanders islands/braiding/deposition in river point bars/deposition on inside of bend gentle gradient

> steep slope located/(river) cliff gentle(r) slope slip off slope <u>small/narrow</u> flood plain winding <u>valley</u> (in distance) tributary <u>valley</u>

[5]

4 (a) in north/north east (of South America) along/near(er) Equator in centre of continent/inland on east coast more south of the Equator to 10/11/12/13°S

"above and below" = 0

[2]

Page 4		Mark Scheme Syllabus				
		Cambridge IGCSE – October/November 2014	0460	21		
(b)	Ario Ario	rica larger/Iquitos lower rica 7°C Iquitos 1°C rica low juitos <u>very</u> low				
(c)	(i)	high pressure descending air stable air offshore winds cold ocean current rainshadow		[2]		
	(ii)	sun (almost) overhead <u>all year</u> constant length of day and night much cloud cover/cloudy		[2]		
5 (a)	•	gles correctly plotted – smaller subdivision 114 -116° rect use of key				
	Ма	rked independently		[2]		
(b)	(i)	commercial for sale/market but subsistence for consumption,		[1]		
	(ii)	Intensive:  smaller farms/area fewer machines higher labour input (per hectare) higher fertiliser input (per hectare) greater output per hectare higher capital input per hectare				
		Or emphasis on extensive or pairs of points (must be comparative e	element)	[1]		
(c)	(i)	fertile soil flat/open land fields more than 400 ha/large fields low precipitation/450 mm		[1]		
	(ii)	fertiliser government subsidies (improved) seeds research machinery/harvesters		[1]		
	(iii)	Commercial:  exporter research large amount/increased use of fertiliser better harvesters mostly for sale/not consumption		[1]		

[1]

[1]

Page 5	Mark Scheme		Syllabus	Paper	
	Cambr	ridge IGCSE – October/November 2014	0460	21	
(iv	la la	rge fields/more than 400 h rge farms/more than 5000 ha o irrigation,			
	Intensive: <u>la</u>	rge amount/increased use of fertiliser		[1]	
	(a) two correct subdivisions plotted correct use of key				
(b) (i	(i) Maritsa: close/closest to motorway Parvomay: close/closest to main road			[1]	
(ii	(ii) Kuklen: close/closest to airport			[1]	
(iii	) no difference:	all have rail links		[1]	
(iv	) Kuklen close/c	losest to urban areas/Plovdiv and Asenovgrad		[1]	

(v) Maritsa: largest site

(vi) Kuklen: near(est) to resorts/(Rodopi) Mountains