

CAMBRIDGE INTERNATIONAL EXAMINATIONS International General Certificate of Secondary Education

MARK SCHEME for the May/June 2013 series

0460 GEOGRAPHY

0460/21

Paper 2, maximum raw mark 60

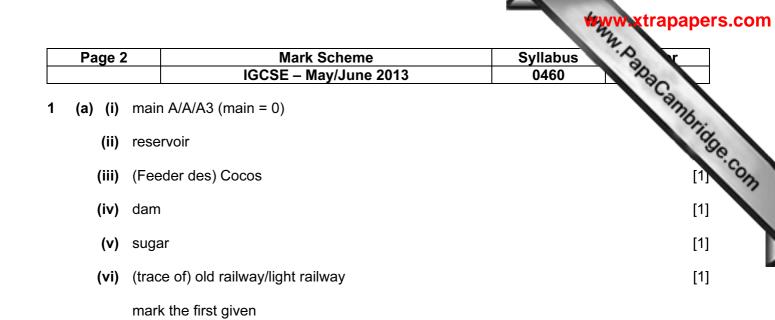
This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began, 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 May/June 2013 series for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level components and some Ordinary Level components.

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⁽b)

	Petit Verger (9002)	Petite Rivière (9100)	Both these areas	Neither of these areas
a temple		~		
scattered trees or scrub	✓			
linear settlement				~
nucleated settlement		~		
land over 50 metres above sea level		~		
	1	1	•	

(c)	(i)	correct position of the Belle Eau river 32–39 mm from left	[1]
	(ii)	correct position of the B78 Albion Road 50–53mm from left	[1]

(iii) correct position of the Feeder des Cocos river 66–69mm from left [1]

(d) (i) 2100–2200 (metres)

- (ii) south east
- (iii) 80m

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		IGCSE – May/June 2013	0460 230	
(e)	Adv	vantages: sand/beaches cliff <u>scenery</u> coral reef developed e.g. for trips, beauty e little settlement therefore quiet space for development <u>main</u> road access workforce from settlements	Syllabus 0460 etc.	abridge
	Disa	advantages: lack of <u>built</u> attractions/cultural landmark no hotels lack of roads <u>along coast</u> quarry/prison/poultry farm <u>not scenic</u>	KS	
	rese	erve one mark for each part		[3]
(a) (i	i) win	d vane/weather vane		[1]
(ii	i) ane	emometer		[1]
(iii		rometer and dry bulb <u>thermometers</u>		[1]
(b) (i	i) We	dnesday 18th		[1]
(ii	•	s cloud = higher temperatures/more cloud = lower ter least one part needs to be comparative)	nperatures	
	Fri 2 20 (d 18 and Thur 19 low cloud and high temperatures 20 and Sat 21 cloudy and low temperatures degrees or more = 3 otkas or less degrees or less = 8 oktas		
		st group days for last four points and not quote figure ts not needed	s for single days	[2]
(c) (i		grass 30cm/(high) above ground		[1]
(ii		ecting bottle enclosed/narrow neck ecting bottle below ground		[1]

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3	Page 4		Mark Scheme	
3			IGCSE – May/June 2013	Syllabus 0460
		Photograph A	small scale/small plots rectangular plots basins/ditches/flooded areas (water) pipe/tube hoe/mattock/digging tool/hand tool/s vegetables/green crops/cabbage fenced dry area therefore irrigation	Syllabus 0460 imple tool
		Photograph B	large scale/large plots canal/river <u>for irrigation</u> crops in rows greenhouses/covered areas	
		Photograph C	sheep/goats/cattle scrub/bushes/shrubs bare ground/barren/sparse vegetatic fenced/enclosed/paddocks	n
		Reserve one ma	ark for each photograph	[8]
4	(a) (i)	position of epice (all of E in correc	entre within intensity 6 area or adjacent s ct area)	sea [1]
	(ii)	line drawn betwe	een 4s and 5s	[1]
	(iii)	felt (only) by a fe birds and anima	ew/some people (at rest) Is uneasy	[1]
	(b)	11, 12, 9, 10 all correct = 2 2 correct = 1		[2]
	(c) (i)	buildings are on	sand and clay	[1]
	(ii)	country has had	few previous earthquakes to learn from	n [1]
	(iii)	a tsunami can ta	ake hours to travel across an ocean	[1]
5	(a)		shading for world shading for Asia and Oceania	
		shadings missed	d or reversed = 1	[2]
	(b) (i)	Japan		[1]
	(ii)	India		[1]
		China		[1]

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Page :		Syllabus
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(c)	uranium ore will not run out for a long time/hundreds of years does not produce carbon dioxide/acid rain therefore not pollu not contributing to greenhouse gases/not harmful to environn small amounts of uranium are needed (therefore cheap/susta safety records of nuclear power stations has improved the industry is highly-regulated in most countries therefore sa raw materials for nuclear weapons	uting/ nent ainable)
(a) (i)	8	[1]
(ii)	correct plot of 6 for Bay of Plenty	[1]
(b) (i)	lost population/population decrease/population increase if cle e.g West Coast <u>and</u> Southland	ear that Tasman included
(ii)	gained population/population increase e.g. Canterbury <u>and</u> Otago	
(iii)	no overall pattern overall increase Tasman/Malborough increased Nelson decreased	
	reserve one mark for each part	[4]
(c)	no/no overall movement from south to north/north has lost ar movement is north to south/it is the reverse north has lost 10.4 south has gained 11.4 (allow without thousand) north: 5 regions lost population and 4 gained	nd south has gained/

north: 5 regions lost population and 4 gained south: 4 regions gained population and 3 lost population

[2]