CAMBRIDGE INTERNATIONAL EXAMINATIONS International General Certificate of Secondary Education

## MARK SCHEME for the October/November 2012 series

## 0460 GEOGRAPHY

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0460/21

Paper 2, maximum raw mark 60

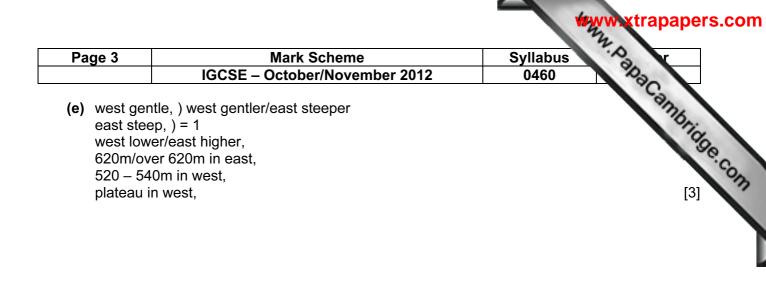
This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began,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

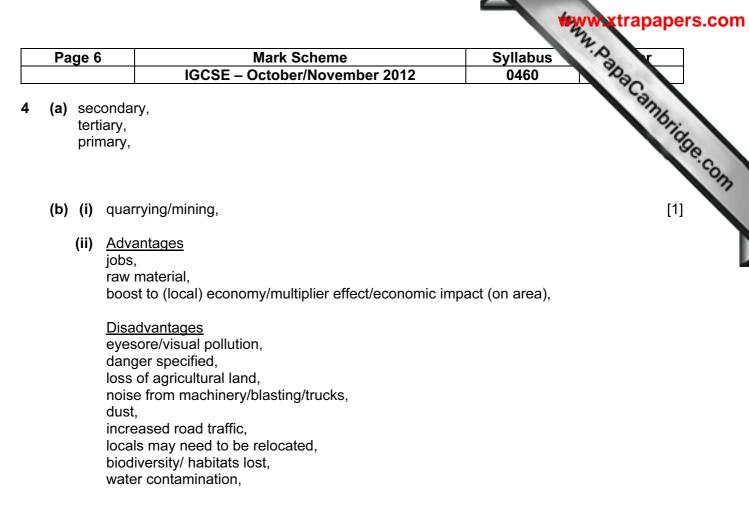
Cambridge is publishing the mark schemes for the October/November 2012 series for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level components and some Ordinary Level components.

Page 2	2 Mark Scheme Syllabus	N.
	IGCSE – October/November 2012 0460	30
(a) (i)	narrow tarred/Old Road,	anny.
(ii)	aerodrome landing area/airport/airstrip,	1990
(iii)	spot height,	trapapers
(iv)	quarry/excavation,	[1]
(v)	mining/prospecting trench,	
	In (a) if more than one answer is given and one is wrong then the answer = 0.	[1]
(b) (i)	north to south,	[1]
(ii)	narrower in north/wider in south, angle of tributaries/confluences, dendritic pattern, build up of water behind dam, higher land in north,	
	contours make V shape upstream,	[2]
(iii)	3350 – 3450 (metres),	[1]
(iv)	986495,	[1]
(c) (i)	correct position of Chantalitiki river: 89 – 92cm from left,	[1]
(ii)	correct position of wide tarred road: 34 – 38cm from left,	[1]
(iii)	correct position of building: 26 – 29cm from left,	
	Use the ruler device to measure the answers. Arrows should end within about 1cm of the profile. Measure to the point that projects to. There should be no ambiguity.	the arrow
	If there is more than one response and one is wrong then the answer = 0. Allow labels by names or question numbers.	[1]
spa sor trac one no	ts <u>and</u> buildings, arse/isolated/dispersed/scattered (allow sparse population but not low population me nucleation/clusters, cks/cut lines/game trails, e "other" road, tarred roads, twork/many junctions/interlinked,	ı),
rive par	ers/watercourses, ns,	



					-	www.xtrapapers.com
	Pa	ige 4	Ļ,	Mark Scheme	Syllabus	s P r
		<u>×</u>		IGCSE – October/November 2012	0460	No.
2	(a)	5,				s canton de con
	(b)	(i)	Em	ostly within intensity 8 area or adjacent ocean,		Se.co.
		(ii)	any	area within intensity 6 area shaded,		[1]
	(	(iii)	high cent som	centric pattern, lest in centre/effects get less further from epicentre, tred near San Francisco, le variations in pattern/not even/not regular, ated area of intensity 4 within intensity 3 area,		[2]
	(	(iv)	varia varia	ation in rocks/geology, ation in building type, ation in relief leading to landslides, ation in soil type/regolith,		[1]
	(c)	mar mar mar mar	ny yea ny yea ny yea ny yea	/strong earthquake/buildings collapsed, ears ago therefore poor building design, ears ago therefore poor relief available, ears ago therefore no warning systems, ears ago therefore no earthquake drills, ears ago therefore no planning regulations,		[2]

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	Pag	je 5	Mark Scheme	Syllabus Syllabus
			IGCSE – October/November 2012	0460 23
3	• •	insu	<u>ole Roof</u> ation, ent instruments from overheating,	Syllabus 0460 Syllabus 0460 Odeo Odeo Odeo Odeo Odeo Odeo Odeo Odeo
		allov stop	<u>s/louvres</u> v air to circulate, wind entering, ent instruments from overheating,	Com
		refle	<u>ted white</u> ct sun's rays, ent instruments from overheating,	L
		star	e <u>tre above ground</u> dardise with other weather stations, d heating/cooling from ground surface,	
		<u>On (</u> star little avoi		
		2 ex	planation points per feature.	[4]
	(b)	(i)	14°C and 22°C,	[1]
	(	(ii)	8°C,	
			In <b>(i)</b> and <b>(ii)</b> if units not given max 1. Use of correct units once validates the rest.	[1]
	<b>(</b> i	iii)	40, %,	
			Mark independently.	
			Carry forward errors from (i) and (ii).	[2]



Reserve one mark for each.

[4]

Page	e 7	Mark Scheme	Syllabus	<u>r</u>
		IGCSE – October/November 2012	0460	
(a) (i	i) Nort	thland,	Syllabus 0460	B
	Tara	anaki,		On
		nawatu-Wanganui,		19
	Cant	terbury,		
(ii	i) Wes	st Coast,		[1]
(iii	i) Haw	vke's Bay shaded with cross hatches,		[1]
(iv	<b>/)</b> 90 0	)00,		[1]
lo m lo de sp	ow(er)/s nedium/ ow/fairly ensest parsest	lensities low, sparse(r) in west, /high <u>er</u> /dens <u>er</u> in east, / low density in north/south, in Canterbury/central-east, t in West Coast/central-west, nerical value with units to illustrate any of the above	e points,	
Fi	igures	alone = 0		[3
	ottor a	reas sparser/drier areas denser,		[1]

