

Wany, Papa Cambridge, com MARK SCHEME for the May/June 2012 question paper

for the guidance of teachers

0460 GEOGRAPHY

0460/23

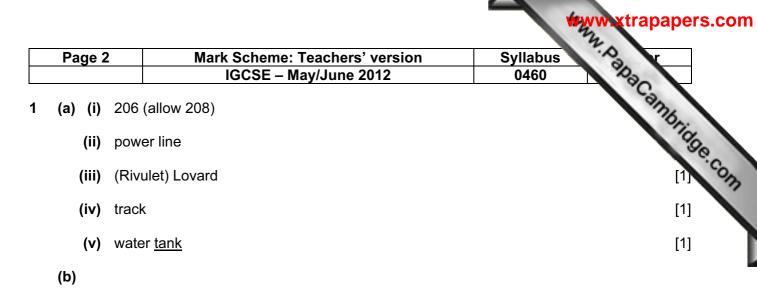
Paper 2, maximum raw mark 60

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.

Cambridge is publishing the mark schemes for the May/June 2012 question papers for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level syllabuses and some Ordinary Level syllabuses.



Vegetation type	Relief
1 – tea	gentle sloping/flat/330 to 369 m/valley side
2 – riverine trees	flat/valley floor/low/lower/lowest/floodplain
3 – scrub	steep/north facing/high/higher/highest/any height between 370 and 440 m/hill/mountain

If the vegetation is wrongly identified, the description of the relief can still be credited.

[6]

One mark for each cell.

(c)	zigz up a cros cros	\rightarrow N \rightarrow SE \rightarrow N (accept any two so long as sequence/location is clear) zags/bends/hairpins/twists and turns/U turns/curves/ winding and down sses river sses valley	
	para pos avo	sses ridge allel to the slope/along the slope/across the slope/around the hill/keeps as level sible ids steep slope/avoids hill/avoids higher	as
	plar scru	ntation/sugar ub	[4]
(d)	(i)	westwards	[1]
	(ii)	dam extends to the west flat/level ground/gentle slope marsh cannot expand to south because of dam cannot expand to east because of hill/steep slope	[2]
	(iii)	reservoir (for water storage) steep slopes (for fast water flow)	

(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	steep slopes (for fast water flow)	
	decrease in height/head of water	
	road/valley access	[2]

Page 3	Mark Scheme: Teachers' version	Syllabus	r
	IGCSE – May/June 2012	0460	
(a) (i) Kila	Jea	10	no.
(ii) Naz	ca <u>and</u> South American		Tie
(iii) Coc	os/Nazca/Antarctic	Syllabus 0460	[1]
(iv) Nort	h American <u>and</u> Eurasian/Europe		[1]
	e uncertain plate boundary/rift valley frica/east of plate/named country		
inland/or	n land		[2]
(c) (i) ash			[1]
(ii) blow	n by the wind		[1]
V shape bare roc gorge/ra steep (si no/little f deep val scree	k/rocky/pale/multicoloured rock/little vegetation/spa vine/canyon des)/cliffs loor (or flood plain)/river fills the floor/narrow valley	-	[5]
(b) gentle waterfall plunge p rapids/in smooth			
Only acc	ept labels in appropriate places.		[2]
expense effect on	spoil the beauty of the area plants/animals ake possibility		
oorthour			

Page 4 Mark Scheme: Teachers' version Syllabus (a) (i) bar at 550 000 0460 (ii) 215 000 – 224 000 0460 (b) (i) higher/high GDP/standard of living/wealthy countries/rich English language 2 Allow high GDP/person and high GDP rank = 2 2 (ii) no/distance has little/no effect have almost the same number of migrants/slightly more in Kuwait 2 (c) line at 59% (or 41% if largest segment is to the right) correct shading (larger segment block shading, smaller line shading) 2 Accept in any order 2 (a) division between 80% and 18% – smaller segment 64–66° shading correct (raw materials lines, labour etc. block shading – larger segment black) Accept in any order. 2 (b) (i) university for well educated workforce/research railway/expressway for transport of raw materials/components/products/ employees/customers airport for transport of raw materials/components/products/ employees/customers airport for transport of raw materials/components/products/ employees/customers 1 (ii) omponents/raw materials/products are light in weight/low bulk/high value for bulk only need small quantities of raw materials 1 (iii) highly skilled workforce qualified employees expect high wages need to attract the best workers 1 (c) shortage of land in Singapore/more land available in Bangalore cheaper labour costs in Bangalore financial lincentives offered by the Indian Government access to large/	Ρ	age	94			Ma							ersior	1			labu	s		200	Y.
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F	Page 5	Mark Scheme: Teachers' version Syllabus	K
		IGCSE – May/June 2012 0460	
(2	it w dee mo	Mark Scheme: Teachers' version IGCSE – May/June 2012 Not measure it/difficult to measure as getting worse day by day/more leaked out pp/1500 m ved by currents/wind eading out/200 km	mbridge.
(t	o) (i)	Louisiana SE/onshore winds nearest coast to the well Florida carried by ocean current SW winds/NE winds/onshore winds	
		Mississippi SE/onshore winds near to the well	
		Alabama SW winds/SE winds/onshore winds near to the well	
		Cuba carried by ocean current NE winds/onshore winds	
		Name = 1 Reasons = 2.	[3]
	(ii)	carried by ocean current onshore/NE winds carry it on to the beach (contradictions = 0)	[2]
	(iii)	people involved directly or indirectly with tourism e.g. hotel owners/coach drivers/ shopkeepers – loss of earnings/unemployment	
		fishers – loss of earnings/unemployment	
		tourists owning holiday homes – possibility of oil on beaches	
		environmentalists – damage to ecosystems/wildlife/no repetition of the event	
		Two <u>different</u> reasons required	[2]