UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS

International General Certificate of Secondary Education

MARK SCHEME for the May/June 2006 question paper

0460 GEOGRAPHY

0460/04

Paper 4, maximum raw mark 60

MMM. igetans. com

These mark schemes are published as an aid to teachers and students, to indicate the requirements of the examination. They show the basis on which Examiners were initially instructed to award marks. They do not indicate the details of the discussions that took place at an Examiners' meeting before marking began. Any substantial changes to the mark scheme that arose from these discussions will be recorded in the published *Report on the Examination*.

All Examiners are instructed that alternative correct answers and unexpected approaches in candidates' scripts must be given marks that fairly reflect the relevant knowledge and skills demonstrated.

Mark schemes must be read in conjunction with the question papers and the *Report on the Examination*.

The minimum marks in these components needed for various grades were previously published with these mark schemes, but are now instead included in the Report on the Examination for this session.

• CIE will not enter into discussion or correspondence in connection with these mark schemes.

CIE is publishing the mark schemes for the May/June 2006 question papers for most IGCSE and GCE Advanced Level and Advanced Subsidiary Level syllabuses and some Ordinary Level syllabuses.



UNIVERSITY of CAMBRIDGE International Examinations

	Pag	e 2		IG	Mark Scheme CSE – May/June		Syllab 0460		Paper 04	
(a)	(i)			m/bought ad/newspa	ght frequently item/low profit item spaper			2@) 1 mark	
	(ii)	Descr Expla Acces Descr	nation e sibility l iption M	ligher cost e.g. Compe by road ch lain road/ji	etition for land fo ange	asing cost away fr prces up the price increases access s to the shops		Des) 1 mark and Exp	
(b)	(i)			l at 3, 12 a	-) 1 mark	
	(ii)	Shop Speci Shop	fic com	ger in all as ment ess employ		ners/smaller front	age	2 @) 1 mark	
(c)	- qui Disa	ck/easy dvanta	ge of pa	uipment ne acing		between students	6	2 @) 1 mark	
(d)	(i)		ple to use							
	(::)	cars	00 v 10	0 - 250/				-) 1 mark	
	(ii) (iii)	175/500 x 100 = 35% Accurate plotting of 35% onto Fig. 3 using key) 1 mark) 1 mark	
(e)	(ii)	e.g. C the pr	hoose t ice of e	five items v ach item; ⁻	which will be sol	d in both shop A a d be the same siz m in both shop A	e/quantity;) 1 mark	
	(ii)				d B in individua s well presented	al columns, items d	s 1 – 5 or	4@) 1 mark	
				ITEM 1 2 3 4 5	SHOP A	SHOP B				
(f)	E.g. Shop A will have a smaller sphere of influence than shop B Credit reasons e.g. Shop B has 175/many people coming by car but shop A has only 5/few people; If people come by car they usually travel greater distances so there will be a larger sphere of influence; Shop B sells comparison goods so people will travel further							for s 2 m reas	ark res statement arks for sons	
(g)	- Sta - Col (i) siz	itemen mparat ze	t that hy ive com	pothesis is				3 (d) 1 mark	
		usines: mporta						-) 1 mark Fotal 30 m a	~ .

	age 3	Mark Scheme S IGCSE – May/June 2006	Syllabus 0460	Paper						
			0400	04						
	High pressure = sinking air, stable unchanging conditions, expected dry weather									
Lo	Low pressure = rising air, unstable changeable conditions, expected wet weather									
(b) (i)	 (i) To provide/gain reliable results/for easy comparison/no bias/fair test 									
(ii)		ct reading of barometer at 1018 Mb and complete Tab omplete line graph on Fig. 6) 1 mark						
(iii	- afte	should include r each daily reading the index pointer is moved to ure indicator;	the							
	•	licates the change in the pressure from the previous read	ing; 2 @) 1 mark						
		ttle change over the seven days; all readings are betv 016; small increases on 10 th and 12 th ; fluctuating) 1 mark						
(d) (i)		ntage = quick/more accurate/no student error vantage = costs money/needs batteries/may go wrong	for	s 1 mark adv. Ø 1 mark						
(ii)	Comp	lete the wind speed bars at 4, 12, 13 and 11 km/hr	2 @) 1 mark						
e.ę 25	g. Wetter 0 mm;	of difference (up to 2 marks) /more rainfall/higher rainfall; up to 2000 mm compare n e.g. uprising of moist air at the equator causing high rair	for	s 1 mark exp. Ø 1 mark						
(f) (i)	Corre	ct plotting of the 8 points on line graph (Fig. 6)	4 @) 1 mark						
(ii)	Schoo Latitu	ol X always has higher pressure than school Y; ol Y varies less than school X; de/location; School Y has an equatorial location with st insolation causing low pressure; ITCZ	the exp	s 2 for). ② 1 mark						
Da pre Da	ata = Fig essure bu	 inconclusive 7 shows no correlation; Fig. 6 shows school Y has lost not higher wind speeds; tion methods = only for seven days; student error; sitinetc. 	ower for hyp ng of Re and	s 1 mark oothesis s 2 for D d 2 mark data						

[Total 30 marks]