

UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS

International General Certificate of Secondary Education

MARK SCHEME for the June 2004 question papers

	0460 GEOGRAPHY
0460/01	Paper 1 (Core), maximum mark 75
0460/02	Paper 2 (Extended), maximum mark 75
0460/04	Paper 4 (Alternative to Coursework), maximum mark 60

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*.

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

CIE is publishing the mark schemes for the June 2004 question papers for most IGCSE and GCE Advanced Level syllabuses.

Grade threshold	l s taken for Sylla maximum	-	graphy) in the J		hination	Cambridge.co.
	mark available	A	С	E	F	1000
Component 1	75	51	32	24	20	.69
Component 2	75	45	34	25	20	
Component 3	60	50	34	20	15	
Component 4	60	44	34	22	18	

The threshold (minimum mark) for B is set halfway between those for Grades A and C.

The threshold (minimum mark) for D is set halfway between those for Grades C and E.

The threshold (minimum mark) for G is set as many marks below the F threshold as the E threshold is above it.

Grade A* does not exist at the level of an individual component.

June 2004



INTERNATIONAL GCSE

MARK SCHEME

MAXIMUM MARK: 75

SYLLABUS/COMPONENT: 0460/01

Geography Paper 1

		4
Page 1	Mark Scheme	Paper
	Geography – June 2004	4 01

The features of the marking scheme

Each question carries 25 marks. Candidates cannot earn above the maximum mark within each sub section.

apacambridge.com The marking scheme attempts to give guidance about the requirements of each answer a lists a number of responses which will earn marks along with the general principles to be applied when marking each question.

It should be noted that candidates can earn marks if their answers are phrased differently provided they convey the same meaning as those in the mark scheme. THE CANDIDATES DO NOT NEED TO USE THE SAME WORDING TO EARN MARKS.

The notation 'etc' at the end of an answer in the mark scheme signifies that there may well be other correct responses or examples that can be given credit. Providing the statement is true, relevant to the question asked and not repetition of a previous point made credit should be given.

A point made within one sub-section which is an answer to the question set in a different sub-section should not be given credit as each sub-section asks different questions which require independent answers.

The mark scheme uses semi colons (;) to separate marks and diagonals to separate alternative answers.

During coordination the mark scheme is modified to add points agreed after discussion or to delete any points not allowed. All examiners should ensure that their modified scheme is fully up-to-date before marking begins.

Р	age 2	Mark Scheme 32	Paper
		Geography – June 2004	0 01
			20
Questio	n 1		°C.
a) (i)	Idea	s such as:	176.
, (-,	•	large number of people seen as an advantage/government s	aw por
		growth as healthy;	30
	•	country could afford people/oil revenues;	
	•	country had sufficient space/resources/was not overpopulated ef	Paper 01 Dana Cambridge aw pol
		2 at 1 mark	[2]
(ii)	Ideas	s such as:	
()	•	lower income from oil/resources declining;	
	•	economic decline;	
	•	growth was too rapid/population would double in less than 30 ye explosion.	ears/population
		2 at 1 mark	[2]
(iii)	Ideas	s such as:	
()	•	further decrease in oil revenues/exhaustion;	
	•	fewer family planning clinics/primary schools were built;	
	•	implications such as - no increase in women becoming educated	•
		Nigerian women still married before 15yrs/no increase in use of	contraception
	•	etc (MAX 2).	
		3 at 1 mark	[3]
(iv)	Ideas	s such as:	
	•	education in/awareness of family planning;	
	•	realisation of problems of too many people;	
	•	women more likely to obtain employment/delay child bearing;	
	•	raises average age of marriage/decreases reproductive span	etc
		2 at 1 mark	[2]
(v)	Ideas	s such as:	
. ,	•	tradition;	
	•	religious pressures;	
	•	zeal for son/inheritance;	
	•	ignorance of large sectors of the population on need to reduc	e B.R/illiterate
	-	population;	
	•	size of country/dispersed nature of population/isolation of rural a	reas;
	•	expense of introducing family planning policies/clinics; lack of/unpopularity of abortion/sterilisation/contraception;	
	•	lack of education re. birth control;	
	•	impact of early marriage;	
	•	need children to work on farms/in home;	
	•	need children to send out to work/beg;	
	•	large number of children to look after parents in old age;	
	•	high infant mortality/hence large families;	
	•	falling death rate etc	

6 at 1 mark or development

[6]

Pa	ge 3	Mark Scheme Pape	er
		Geography – June 2004	
b) (i)	20-24 y	Mark Scheme Geography – June 2004 Arrs all countries decline - 30-34 yrs some increase. 1 mark in range -20%/20% reduction to -22% 1 mark	
		1 mark	nia
(ii)	Accept	in range -20%/20% reduction to -22%	30
		1 mark	[1]
(iii)	increas	lates can be credited for statements such as: e in some age groups in Sweden – decrease in all in Irish Republic; Ily larger change in Sweden than Irish Republic;	
	Develo	pment marks available up to MAX 3 for illustration by use of statistics	
		4 at 1 mark or development	[4]
(iv)	 e lc c: m e cl di e lc p h 	auch as: mancipation of women/freedom to be more than child bearer; onger time in education hence later marriage/less likely to bear children; areer development/working life first; hedically safe to bear children later; ffective birth control methods; hange in trend/fashion; esire for material possessions; ducation re. birth control; owering of IMR; eople aware of negative consequences of growth; igh costs of living/child bearing in early years; econd marriages etc 4 at 1 mark or development TOTAL 25 MA	[4] RKS
uestion	12		
a) (i)	A 6 km		
, , ,	B 5 km	2 at 1 mark	[2]
(ii)	Gymna	sium and post office added correctly (distance and sector required)	
		2 at 1 mark	[2]
(iii)	 Co Co fr Va Va Va 	euch as: onvenience goods/low order - short distances; omparison goods/specialised services - longer distances; equency of visits; ariation in number/spacing/distance of services ariation in spheres of influence; ariation in threshold population; erceived attractions of some services rather than others etc	
		2 at 1 mark or dovelopment	12.

3 at 1 mark or development

[3]

Pa	nge 4	Mark Scheme Paper Geography – June 2004 01
		Geography – June 2004
(b) (i)	 lov lov me hig 	be allocated based on line graph drawn and on any 3 of the v level in CBD (Zone 1) v level in forest (between zone 3 and 4) edium level in Inner City (Zone 2) h level in suburbs/villages to left (zones 3 and 4) edium level in suburbs/villages to right (zones 3 and 4)
	3 at 1 m	ark for correct identification of at least one area of low, medium and

- Marks to be allocated based on line graph drawn and on any 3 of the (b) (i)
 - low level in CBD (Zone 1)
 - low level in forest (between zone 3 and 4)
 - medium level in Inner City (Zone 2)
 - high level in suburbs/villages to left (zones 3 and 4)
 - medium level in suburbs/villages to right (zones 3 and 4)

3 at 1 mark for correct identification of at least one area of low, medium and high density. [3]

- (ii) Marks to be allocated based on reasoning included on annotation of line graph. Ideas such as:
 - low level in CBD (Zone 1) as most of land is used for service provision/cost •
 - of land is too high/there are only a small number of apartments; •
 - low level in forest (between zone 3 and 4) as people do not live in it/trees are
 - being conserved/it is used as a recreation area;
 - medium level in Inner City (Zone 2) as there are commercial land uses as
 - well as some residential
 - high level in suburbs/villages to left (zones 3 and 4) as all land is
 - residential/there are high rise flats.
 - medium level in suburbs/villages to right (zones 3 and 4) as high cost houses

3 at 1 mark

are likely to be large/have garden space

etc

- (iii) A Ideas such as:
 - older properties have fallen into disrepair/high cost of repair;
 - spread of CBD/offices;
 - need to use land more intensively;
 - demand for/building of apartments;
 - building of houses with better amenities/or examples;
 - new road developments;
 - new leisure/shopping centres;

B Ideas such as:

- older houses add character/retain culture/image;
- old houses are often large/well constructed;
- reduce idea of 'dead heart';
- convenient residential location close to workplaces/CBD
- social advantages of improved housing rather than flats
- people have lived there for many years/can't afford to move;
- community spirit;
- cheaper option for local authority;
- to restrict outward expansion etc.

3 at 1 mark

[3]

[3]

		4
Page 5	Mark Scheme	Paper
	Geography – June 2004	4 01

SabaCambridge.com Candidates need to identify a residential area in a named settleme (c) is no mark available for this alone) and describe the changes whic place as a result of either inward or outward migration. Be prepared to settlement, either rural or urban, crediting appropriate changes resulting location.

Credit 1 mark for residential area identified along with correct reference to either inward or outward migration as appropriate.

Changes such as:

Stevenson screen

- building of housing estates/high rise flats/demolition of housing;
- change in characteristics of housing/e.g. replacing terraced with high rise;
- provision/reduction of amenities or examples such as bus services, rail
- services, schools, clinics, leisure centres, shops etc (MAX 2);
- improvement of road network etc

5 at 1 mark or development [6]

TOTAL 25 MARKS

Question 3

(a) (i) A

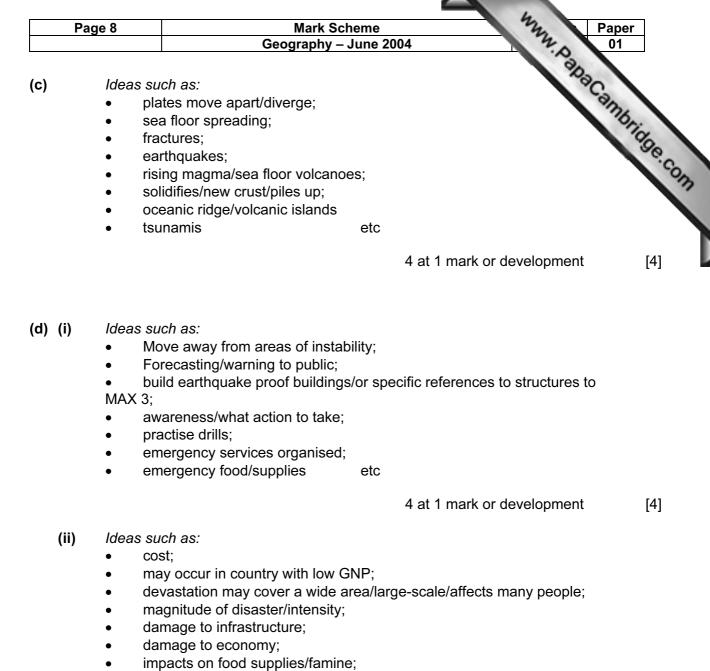
1 mark [1] В Ideas such as: legs, height 120cm; louvres on sides; painted white; insulated/double roof; drop down door/down opens away from sun etc 4 at 1 mark [4] С Ideas such as: protects instruments from sun's rays/white to reflect sun's rays; allows shade/true temperature of the air to be measured; allows flow of air: accommodate instruments such as thermometers. etc 2 at 1 mark [2] (ii)A labels such as: tube/capillary; alcohol; mercury; indices; indicator of max/min temperatures; bulb; scale etc

3 at 1 mark

[3]

Pa	ge 6		k Scheme		M Paper
		Geograp	hy – June 200)4	MANAN, Papar 01 Anarcambra
					2
В	Ideas such as				°C
	-	s taken at lower end		ex;	SIDE
	-	nb - highest tempera			101
		- lowest temperatu			
	-	s at regular time ea	ch day		
		eye level;	- 4 -		
	• reset w	ith magnet	etc		
				3 at 1 mark	[3
o) (i) A B		1200mm-2000mm, 70-1300_temps20			edium precipitation.
_				-	
				2 at 1 mark	[2
(ii)	The freeze th	aw process is the o	nly acceptab	le answer here. A	Accept ideas such as
. ,		thaw/frost shattering	•		
	 rain col 	ects in cracks/joints	S;		
	 temperative 	ature falls;			
	 water fr 	eezes – expands;			
		on cracks/joints;			
	 joints op 	-			
	 melting 				
	-	ater enters the joint	s/repetition:		
		fragments/scree/lo		nark reserved).	etc
	angular	nagmente/eeree/ie			
				5 at 1 mark	[5
(iii)	Accept carbo	nation, oxidation, hy	ydrolysis or h	ydration.	
	• e.g. ca	r bonation (1 mark);			
	• rain + C	02/carbonic acid;			
	 reacts v 	with limestone/forms	s calcium bica	arbonate;	
	 washed 	away/dissolved/Ca	aCo3 is solub	le;	
		g of joints	etc	-	
	-	idation (1 mark);			
		in water;	fo was in		
		with iron minerals to	iorm iron ox	ues/nyaroxides/r	ust;
		nerals crumble;	~ ¹ ~		
	 weaker 	IS FOCK	etc		
				3 at 1 mark	[3
•)	ldeas such as	e.			
;)					
	hardnes				
	• compos				
	• size of	-			
		and other weaknes	ses;		
	• permea	ibility;	_		
	• colour		etc	2 at 1 mark	۲/
					[2
					TOTAL 25 MAR

Page 7		Mark Scheme 2 2 Paper	
		Geography – June 2004 01	
	_	20	
Questior	า 4	Mark Scheme Geography – June 2004 s such as: plate boundaries; plates moving towards each other/converge; oceanic plates move towards continental; subduction zones; heat/friction;	
(a) (i)	Ideas	s such as:	
	• r	plate boundaries;	
	-	plates moving towards each other/converge;	
		oceanic plates move towards continental;	On
		subduction zones;	~
		,	
		upper layer of oceanic crust partly melted at depth/destruction of	
		crust/destructive margin; rising magma;	
		through fractures etc	
	• .		
		4 at 1 mark or development [4]	
(b) (i)		ls on diagram such as:	
		alternate layers;	
		ash/cinders and lava;	
		slopes steeper at summit;	
		main cone;	
		crater;	
		secondary cones; vent/pipe;	
		vent/pipe; magma chamber;	
		dyke etc	
		4 at 1 mark [4]	
/ii) A	Idaaa		
(ii)A		s such as: melting snows;	
		heavy rainfall/water content of magma;	
		mix with ash;	
		flow down steep slopes/gravity;	
		triggered by earthquakes etc	
		2 at 1 mark [2]	
в	ldeas	s such as:	
	•	loss of life;	
		destroy buildings/homes;	
	• i	inundate farmland/destroy crops/livestock;	
		disrupt communications;	
		bring down power lines/damage water pipes;	
		destroy workplaces/damage factories; occur without warning/at great speed etc.	
	• .	occur without warning/at great speed etc.	
		2 at 1 mark [2]	



- impacts of disease on recovery;
- lack of hospitals/health care hinder recovery;
- homelessness;
 - psychological impacts etc

5 at 1 mark or development [5]

TOTAL 25 MARKS

-	Page 9	Mark Scheme Pape	er
		Geography – June 2004 01	
		22	
Questic	on 5	°C.	
a) (i)	Idea	Mark Scheme Pape Geography – June 2004 01 s such as: 01 mechanisation; 01 rich countries can import food/ raw materials; 01 industry and services more important; 01 labour prefers to work in industry and services/or reasoning 01 many raw materials exhausted etc	5
aj (.,	•	mechanisation;	na.
	•	rich countries can import food/ raw materials;	90
	•	industry and services more important;	6
	•	labour prefers to work in industry and services/or reasoning	
	•	many raw materials exhausted etc	
		2 at 1 mark	[2]
(ii)	Fea	tures such as:	
	•	largest sector – tertiary;	
	•	secondary second largest.	
		2 at 1 mark	[2]
	~		[_]
(iii)	Cha	nges such as:	
	•	increase of proportion in tertiary; decline in primary;	
	•	decline in secondary.	
		3 at 1 mark	[3]
(iv)	Idea	s such as:	
	•	competition in manufacturing with other countries;	
	•	more developed economies - greater demand for services;	
		greater development of high tech. industries; more sophisticated/educated labour force;	
	•	countries can afford to import primary products/manufactured goods;	
	•	more live in urban centres where secondary and tertiary sectors concentra	ited;
	•	manufacturing/agriculture becoming more mechanised;	
	•	tertiary employment better paid;	
	•	exploiting cheaper workforce in manufacturing in developing countries etc	
		4 at 1 mark or development	[4]
(v)	Idea	s such as:	
-	•	greater percentage in primary industries;	
	•	smaller/larger percentage in secondary industries;	
	•	smaller percentage in tertiary industries	
		3 at 1 mark	[3]
(vi)	Idea	s such as:	
. ,	•	developing countries - greater dependence upon agriculture/raw material	
		exploitation;	
	•	subsistence agriculture;	
	•	limited development of manufacturing/import manufactured goods; less demand for/ability to afford services/few services available or egs	
	•	lack of reliable infrastructure;	
	•	lack of investment;	
	٠	lack of skills development etc	
		3 at 1 mark	[3]

		4	
Page 10	Mark Scheme	32	Paper
	Geography – June 2004	2	01

High-technology industries (b)

Ideas such as:

transport -

- not of fundamental importance in location; •
- Sapacambridge.com but advantage to be near good roads - for assembly of large number • components;
- items low bulk and high cost;
- industry footloose;
- high speed transport components/products;
- proximity to/links to airport;
- major road links;

labour -

- highly skilled universities/technical colleges; •
- workforce suited to assembly work; •
- female labour relatively low wages;
- research and development universities/research firms;
- skilled labour/well educated;
- expert management;
- different skill levels subcontracting/division of labour;

markets -

- large market;
- widely dispersed regional/international;
- access to other firms industrial linkages;

other factors e.g. siting factors -

- science parks/industrial estates;
- greenfield sites/edges of urban areas;
- pleasant surroundings/countryside attracts labour;
- possibly low cost land areas,

education/research

- research and development; •
- universities;
- government support etc

OR Small-scale cultivation of cash crops

market -

- urban areas: ٠
- large retail outlets; •
- export markets;

transport -

- road; •
- refrigeration; •

labour

- skilled labour; •
- labour intensive;
- training;
- possibly family labour;

other factors e.g.

physical advantages -

- soils light; .
- well drained;
- climate advantages high temperatures;
- heavy reliable rainfall;

technology -

- water supply/water sprinklers/irrigation;
- motorised soil tillers/other machinery;

Paç	ge 11	Mark Scheme 3	Paper
		Geography – June 2004	01
			Paper 01 Danacannbride
		ertilisers;	S.
		prays/pesticides;	m
		se of glass; esearch - plant genetic engineering;	"Tio
		oilless culture/hydroponics;	3
		ontrolled conditions/automation etc	
			You may awar
		marks for simple points, examples of which include: ansport;	
		workers:	
	near m		
	lots of r	machinery etc	
		8 at 1 mark	[8]
		ТО	TAL 25 MARKS
	_		
uestion	16		
	Defore	station – removal of tree cover from the land.	101
		3 at 1 mark	[3]
(ii)	ldeas s	uch as:	
	• d	epletion of fish stocks;	
	•	opulation increase;	
		oss of soil fertility/soil erosion;	
		overty/4bn live on less than US\$2 a day;	
		uilding of roads/urban areas on farmland; ack of water to irrigate etc	
		2 at 1 mark	[2]
(iii)	ldeas s	uch as:	
	• lo	oss of habitats;	
		eforestation;	
		rater pollution;	
		estruction of food chains;	
		unting/poaching; gricultural activities such as pesticides/hedgerow removal	etc
	• a		eic
		2 at 1 mark	[2]
b)	Candid	ates need to select 2 problems and explain their causes.	
	Urban		
		uch as:	
		ttractions of urban centres;	
	• na	atural population growth;	
	• d	emand for larger houses/more garden space	

• any pull/push factors (no MAX) etc

Page 1	12	Mar	rk Scheme	Paper
		Geograpi	hy – June 2004	⁴² ,0 01
	_	-		20
	-	ncentrations of CO ₂		S.
1	Ideas su			The last
-		dustrial pollution; ansport;		Tic
-		insport; irning of fossil fuels;		30
-		oforestation;		3.
(irning of forests	etc.	Paper 01 01 Papacambridge.co.
		-		
	Deforest			
I	Ideas su		with real land for each groppy	
-		_	cultural land for cash crops;	
-		e of land for ranching;		
-		crease in population;		
-		crease in logging; creased world demand for	se timbor	
-		creased world demand fol larrying/mining;	r timber,	
-		ad building;		
-		oding land for HEP gener	viction.	
-		el wood;	etc	
	· · · · -	<i></i>		
	-	es of drinking water		
Ι	ldeas su			
•		ater supplies limited in are	eas of demand;	
•		pulation increases;		
•	•	ollution of river water - ind		
•		adequate infrastructure/re	eservoirs;	
•		st implications;	f i suinding.	
-		mpetition with other uses		
-		mate problems - inadequa	ate raintail;	
-	-	gh evaporation rates; astage	etc	
-	1 110	Slage	elu	
	Soil eros			
Ι	ldeas su			
•		rercultivation;		
•		ergrazing;		
•		onoculture;		
•	-	oughing up and down slop		
•		andoning cultivated land	-	
•		forestation/loss of roots to	o anchor soil;	
•		ss interception;		
•	-	anting in regions of unrelia	able rainfall;	
•	-	y farming;		
•		moval of hedges;	" " off	
•	 heat 	eavy machines compact s	oils/increasing run-on	etc
	4 at	1 mark or development f	for each of causes of two problems	s [8]
) (i) /	ldeas su			
•	 ultr 	ra-violet radiation/inciden	nce of skin cancer 1 mark	
	• re	duction in use of CFCs		
-	100		1 mark	[2]

1 mark

[2]

		4
Pag	ge 13	Mark Scheme Paper Geography – June 2004 01
		Geography – June 2004 01
(ii)	likely to pro pro ma lim im	ared to accept a wide variety of points here though the follo be expressed on the importance of extending protected areas: otection of fauna e.g. animals/birds; otection of flora; aintaining biodiversity; ainted/declining number of wilderness/protected areas; portance for educational/research purposes; portance for tourism;

- (ii) Be prepared to accept a wide variety of points here though the fold likely to be expressed on the importance of extending protected areas:
 - protection of fauna e.g. animals/birds;
 - protection of flora; •
 - maintaining biodiversity; •
 - limited/declining number of wilderness/protected areas; •
 - importance for educational/research purposes;
 - importance for tourism;
 - legacy for future generations;
 - find plants/substances of medicinal use;
 - maintain oxygen/CO2 balance etc

The following ideas are likely to be expressed on the difficulties of extending protected areas:

- pressure from: energy production;
- industrial growth;
- urban growth; •
- expansion of agricultural activities;
- demand for timber
- population pressure;
- prevalence of profit motive or e.g.;
- need for/difficulty of international agreement/cooperation; •
- difficulty of changing mind sets; •
- cost/physical difficulties of implementation

etc

8 at 1 mark or development with a MAXIMUM of 6 marks on importance/difficulties.

[8]

TOTAL 25 MARKS

June 2004



INTERNATIONAL GCSE

MARK SCHEME

MAXIMUM MARK: 60

SYLLABUS/COMPONENT: 0460/02

Geography Paper 2

			4	
Page	e 1	Mark Scheme Geography – June 2004	S My	er
		Geography – June 2004	-04 · D	
1. (a)	(i)	313257	Sec. 1	20
	(ii)	factory (sugar)		am
	(iii)	1830 – 1930 (m)		Stick
	(iv)	51 - 53°		[1] 90.0
	(v)	coconut and sugar		er ACambridge.com [1] [1]
(b)		quarrying, power station / electricity generation, factory, cultivation / plantation / sugar growing / coconut growin agriculture / farming /crop growing , water works / pumping station		
		dam = 0 sugar Mill = 0 nutmeg station = 0		
(c)		cinema (drive-in = 0) hotel, museum, library, theatre, zoo, botanical garden, golf = 0 market = 0	<u>3 at 1 Mark</u>	[3]
		chapel = 0 chapel = 0	5 of 1 Mark	1E 1
(d)		headland / point / promontory / peninsula bay / cove sand / mud / beach cliff / steep slope (extract from names but not from Point Salines)	<u>5 at 1 Mark</u>	[5]
			<u>4 at 1 Mark</u>	[4]
(e)		(Any three:)		
		follows valley / in a valley avoids steep slopes / keeps to gentle slopes / flat quali links settlement / houses / villages / named settlements avoids highland / at foot of highland / keeps to low / av mountain parallel to slope / along slope (flat as possible / on flat / on level = 0)	s	[3]

 (b) Canada (c) Bangladesh (d) United Kingdom (e) On graph 1mm = 2 kilogrammes Bangladesh = 12 mm (6 squares) Canada = 16 mm (8 squares) UK = 72 mm (36 squares) Must be done on insert. Use of other labels allowable but must be clear. If a bar graph (not a divided bar) allow max. 1 for one correct measurement. 	(1)
 Bangladesh = 12 mm (6 squares) Canada = 16 mm (8 squares) UK = 72 mm (36 squares) Must be done on insert. Use of other labels allowable but must be clear. If a bar graph (not a divided bar) allow max. 1 for one correct measurement. 3. (a) (i) 37% / 38% (ii) Between Secondary and Tertiary upward trend (line ends above 2000 level but not above 100%) Between Tertiary and Primary downward (line ends below 2000 level but not below 0%) 	(1) (1)
 bar graph (not a divided bar) allow max. 1 for one correct measurement. (a) (i) 37% / 38% (ii) Between Secondary and Tertiary upward trend (line ends above 2000 level but not above 100%) Between Tertiary and Primary downward (line ends below 2000 level but not below 0%) 	
 (ii) Between Secondary and Tertiary upward trend (line ends above 2000 level but not above 100%) Between Tertiary and Primary downward (line ends below 2000 level but not below 0%) 	[2]
level but not above 100%) Between Tertiary and Primary downward (line ends below 2000 level but not below 0%)	[1]
<u>2 at 1 mark</u>	[2]
(b) labour intensive, textiles / cloth / carpets / rugs / blankets etc intermediate technology / simple machines / old-fashioned machines / wooden machines cramped / crowded conditions, female workers / women, weaving / tapestry, small premises / small scale, little / no power, small workforce / 3 or 4 workers little capital Skill = 0	-1
Tourist market = 0	
<u>4 at 1 mark</u>	

	Paç	ge 3	Mark Scheme	S. 32 De	er
			Geography – June 2004	04 ¹ , D	
-	(a)	reso	rt / seaside resort / holidays / tourism / fishing	S) 4mm papa	Cambri
	(b)	(Any	r two:)		'dge.c.
		cove gent	ch (therefore resort) / sand / shingle e / bay (therefore shelter) le slope (for building) ey (for shelter) ter		39
	(c)	head stac arch fault	/ cove dland / point / promontory k / island / stump / cave / crack / fissure ch / sand / shingle	<u>2 at 1 mark</u>	[2]
			e cut platform	<u>4 at 1 mark</u>	[4]
	(a)	(i)	Mobile		
		(ii)	most of area on land used / oil on land exhausted oil on land therefore oil off-shore		[1]
	(b)		firm land / not in swamp / edge of swamp (dredged) channel to sea / estuary / sheltered harbour railway centre of many oilfields / near oilfields pipelines labour from Port Harcourt / town market in Port Harcourt / town reclaimed / cheap (swamp)	<u>1 at 1 mark</u>	[1]
				<u>4 at 1 mark</u>	[4]

Р	age 4		Mark Scheme		S the pe	r
•	- J - I	Ge	ography – June		04 2	
					aba	
(a)		(must have key & ord	er correct)			amp
()						
		shops & offices 10% transport 6% manufacturing 12%	= 3 small squa	ares	5) MMM, De 04 MM, Baba	
(h)	(1)	•			<u>2 at 1 mark</u>	[2]
(b)	(i)	A				
	(ii)	В				[1]
	()	_				641
(c)		others – more in A / le	ess in C			[1]
		more recreation in A line less demolished / der		in C		
		more housing in A / le	ess in C	in C		
		less Manufacturing in less Transport in A / ı				
		less Shops and Office		С		
					<u>3 at 1 mark</u>	[3]
		OR by pairs of figures	s as follows:			
			A%	С%		
		other	10	9		
		recreational demolished/derelict	11/12 1 / 2	9 9		
		residential	49/50	25/26		
		manufacturing	11/12 6	22 9		
		transport offices/Shops	10	16		
(a)		1961 <u>metres</u>				
(b)		densely populated ge	nerally			[1]
(0)		mainly below 1680m				
		mainly Lower area				
		near all-weather road near tracks / footpath				
		in bush and scattered				
		on gentle(r) slopes				
10					<u>3 at 1 mark</u>	[3]
(c)		none in (seasonal) sv none / few in forest	vamp			
		none / few in bush ar				
		none / few in higher / none / few on steep(e		paratively high		
					<u>3 at 1 mark</u>	[3]
						[2]



June 2004

INTERNATIONAL GCSE

MARK SCHEME

MAXIMUM MARK: 60

SYLLABUS/COMPONENT: 0460/04

Geography Paper 4

Page 1		e 1	Mark SchemeSGeography – June 200404		
			Geography – June 2004	04 4.0	
				80	
luesti					2
a) (i)		vill not be removed when raining vs accurate reading of rainfall/equal volume	2 @ 1 mark	ame
(i	i)	Away fro off the g away from	two different factors e.g. m buildings/away from trees/ in an open area; round so no splash; m people/not near where it can be knocked; n ground for stability; on flat land;	5, 4444, 20 04 2 @ 1 mark 2 @ 1 mark	[2]
b) (i)	Complete (school)	e graph by marks at 12mm (airport) and 9mm on Fig. 2	2 @ 1 mark	[2]
(i	i)	5mm; two recorded	comments e.g. on rain days six were under o days of higher rainfall; six days of no rainfall ly number of readings or when	2 @ 1 mark	[2]
(i	ii)	49/14 = 3	3.5mm in Table 1	1 @ 1 mark	[1]
(i	V)	e.g. less higher m	comparative statements days with no rainfall at airport; hax rainfall recorded at airport; higher total; aily average rainfall at airport etc.	2 @ 1 mark	[2]
(\	v)		e altitude brings more rainfall; explanation of (e.g. cools, condense and rains)	for each idea one mark for simple statement and second	
		concept	to the sea increases rainfall; explanation of moist winds brought onshore and rising over explanation of rain shadow	mark for development	[4]
) (i)	•	dicates the direction the wind is blowing e plate aids the turning of the pointer	2 @ 1 mark	[2]
(i	i)	3 days fr	om north at school	3 @ 1 mark 1 for each correct	
		2 days fr	om north at airport	length 1 for appropriate width/overall	
				presentation	[3]
Ú	Ising	iggestion SW or S; ing the data as evidence e.g. Day 7 and 8 have higher nfall at both locations from S/SW winds etc.		4 @ 1 mark max 1 no data res 1 suggestion	[4]
,					
F		•	pothesis correct; Rainfall closer to the sea is has higher total rainfall; 49 compared to 30;	6 @ 1 mark	
H S	lypo S an Stanc	thesis of d SW win dardised r	winds blowing from S is partly correct; ds produce rainfall days e.g. days 7/8; ain gauge v home made rain gauge; ected over 14 days/may not be representative	res 1 for hypothesis res 1 for evaluation res 1 for student error	
S	stude	ents may	have misread wind direction; winds may have g day; Day 11 at school error?	Max 4 if no data	[6]

	Pag	je 2	Mark So		S m per	•
			Geography -	- June 2004	S) Mun per 04 Mu p	
Que	stion	2			abal	Car
a)	(i)	no age/gender bias; representative sample			1 @ 1 mark	76
	(ii)	not because it is 'random' or 'systematic' on own extra information may help analysis; maybe different results if repeated; number of people may change during the day; type of people may change during day accept examples if explained			5, 44, 1000 04 1 @ 1 mark 2 @ 1 mark	[2]
(b)	(i)		und the park; eople live who visit the park		2 @ 1 mark	[2]
		not dista	nce as = range			
	(ii)	with mod	ill under estimate/overestim e of transport/traffic conges f direction/location;	-	1 @ 1 mark	[1]
	(iii)	"Where d	lo you live?" or equivalent w	ording	1 @ 1 mark	[1]
c)	(i)	-	i similar wording to:- I you travel to the park?"	CAR BUS WALK	1 mark for question 1 mark for transport 1 mark for layout	
				TRAIN]	[3]
	(ii)	-	ost people walked then smal nsport etc.	ler S.of I than if by	2 @ 1 mark credit development	[2]
d)	(i)		ay of circle 0° 60% = 216° 15% = 54°	2	3 correct angles 1 res title 1 res key	
					1 res use of key	[6]
	(ii)	-	t people stayed 3 - 6 hours; ayed over 6 hours etc.	Only 15%/fewer	2 @ 1 mark	[2]
	(iii)	longer st etc <i>not ju</i>	ger stay increases impact; tay increases litter; more tra <i>ist 'pollution'</i> dit environmental impact	mpling; more noise	4 @ 1 mark credit dev of point up to 2 marks	[4]
e)	(i)	-	ets very good facility; Informatistic very good facility; Informatistic st people were satisfied with		4 @ 1 mark Either general or specific comment list = no marks	[4]
	(ii)	Put up m boards;	ore footpath signs; include r	more information	2 @ 1 mark	[2]
		Credit on	ly realistic and specific sug	gestions		

Total 30 marks