

**CAMBRIDGE
International Examinations**

Final Mark Scheme

IGCSE Geography 0460/3 November 2002

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|----|---|-----------|-----|
| 1. | (a) (i) 985432 | | = 1 |
| | (ii) Allow 4150 - 4350 (m) Metres not required, | | = 1 |
| | (iii) South-east, == | | = 1 |
| | (b) (i) sports field,
golf course,
hotel,
Race track, | Any two | = 1 |
| | (ii) relief, i.e bounded by highland/other areas too high/avoids steep slopes/
on gently sloping land | | = 1 |
| | (c) embankment,
cutting,
bridge, | Any two = | 1 |
| | (d) 25/4550
1 in 182/ 1:182/ 1over 182 / 0.55%. | 2 at 1 | = 2 |
| | (e) mining/prospecting trench,
cooling tower,
electricity line,
mines,
mine dumps,
quarrying/excavation,
railways | 4 at 1 | = 4 |
| | (f) meander,
variable width,
braiding/island,
rapids,
*flows SE,
*gentle gradient.
* = compulsory points | 4 at 1 | 4 |
| | (g) on cultivated land,
along tracks/roads,
on lower land,
on more gently sloping land,
near railway,
avoids highland,
avoids steep slopes,
few/none in sparse/medium bush,
none near streams,
most in south east/few in north | 4 at 1 | 4 |

2.	(a)	5% (% not required)		= 1
	(b)	A		= 1
	(c)	A, very high birth rate/lower age groups much greater, many children/broad base/20% 0-4/ 34-36% 0-9	2 at 1 =	2
	(d)	5 – 9		= 1
	(e)	A		= 1
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3.	(a)	meander,		= 1
	(b)	erosion/undercutting/abrasion.	= 1	
		fast flow/fast current hits bank	= 1	= 2
	(c)	collapse of fence, river cliff/steep river bank,	2 at 1	= 2
	(d)	correct shape of section, river cliff and slip off slope named, i.e. 1 for two correct labels, 1 for correct shape	2 at 1	= 2
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4	(a)	(late) winter/dry season/summer dry (NOT just summer!)		= 1
	(b)	subsistence farming,		= 1
	(c)	small farm, (fairly) steep slope contour bunds/grass buffer strips, contour ploughing/ploughing along or across slope steps/terraces, some pasture/grazing, few farm buildings, subsistence farming arable	4 at 1 =	4

5	(a)	A - manufacturing industry, B - holiday resort, C - mining town,	2 at 1	=2
	(b) (i)	64% (tolerance to be allowed 62 - 66)		=1
	(ii)	2 divisions correct and shading must be correct (75%= 270'. 10% = 360, 15% =54 0	2 at 1	= 2
	(iii)	A		= 1
	(iv)	A has more services, A has more manufacturing, A has less agriculture, (Allow opposite approach based on B or combination of both)		
		NB 'A has more services but b has more in agriculture' is one mark. The second mark would have to be for differences in manufacturing. Similarly 'A has least in agriculture, B has least in manufacturing' would be one mark. The second mark would have to be for differences in services.		
			2 at 1 = 2	
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6. (a)	(i)	X – index/pin/indicator/marker Y - Mercury,	Both correct	= 1
	(ii)	15°C (° required)		= 1
	(iii)	to reset the index		= 1
(b)	(i)	4th		= 1
	(ii)	9°C (°C required)		= 1
	(iii)	part of index nearest meniscus, eye level, regular time each day,	2 at 1	= 2
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7. (a)	parking, traffic free areas/pedestrianisation, use of taxis	2 at 1 = 2
(b)	Government, banks/building societies/finance, offices/administration, shops/supermarket, post office, hotel, cinema, restaurant, Embassy, Civic Centre, Absence of residential/housing	4 at 1 = 4