CAMBRIDGE
International Examinations

Final Mark Scheme

IGCSE Geography 0460/3 November 2002

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)

     (b)   A

     (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

     _____   **6**

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

            _____   **7**

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,

5 (a) A - manufacturing industry,
B - holiday resort,
C - mining town, 2 at 1

(b) (i) 64% (tolerance to be allowed 62 - 66) = 1

(ii) 2 divisions correct and shading must be correct 2 at 1 = 2

(75%= 270'. 10% = 360, 15% =54 0

(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,