MARK SCHEME for the May/June 2008 question paper

0460 GEOGRAPHY

0460/02   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.

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.

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1 **(a)** **(i)** power line/electricity line, [1]

    (ii) tea, [1]

    (iii) main A/A/A10, (main alone = 0) [1]

    (iv) Technical School,

        If more than one answer given then credit the first only [1]

(b) grid/squares/rectangles/blocks/perpendicular/parallel/criss-cross, [1]

(c) **(i)** 3050 – 3150,

    (ii) 61 – 64 [2]

(d) 994871, [1]

(e) 6 correctly placed ticks @ 1 each [6]

	Floreal (9787)	Curepipe (9986)	Neither of these areas
River		✓	
Motorway			✓
Low building density	✓		
High order services		✓	
Flat land		✓	
Land sloping down to the north west	✓		

    More than one tick per row = 0

(f) <u>Land-use</u>
forest,
scrub/scattered trees,
riverine trees,
sugar,
poultry farm,
water tank,
cane track, [3]

<u>Relief</u>
upland/hilly/escarpment/high, (mountainous/very high = 0)
steep slope/scarp (towards X),
gentle slope/fairly flat (towards Y), (flat = 0)
    (for statements on relief single statement + comparative = 2)
concave/steeper at top,
(crosses) ridge/pass/col,
(crosses small) valley,
210 – 500<u>m</u>,
spur located, [3]

2 (a) (i) between 30 °N and S/between 23½ °N and S,   [1]

   (ii) warm <u>sea/water</u> temperatures,   [1]

   (iii) warm ocean current on east coast,
          cold ocean current on west coast,
          suggestion regarding depth/clearness/wave action,   [2]

(b) <u>Place A</u>
       water not clear/sediment from river,
       water not salty enough/fresh water from river,
       water calm/not enough oxygen/sheltered by reef, *
       water too cold/not warm,

   <u>Place B</u>
       water too cold/not warm enough,
       water too deep/not shallow,
       water calm/not enough oxygen/sheltered by island/reef, *

   Reserve one mark for each place

   * Do not allow these points if wrongly reasoned

   Pollution = 0   [4]

3 <u>Relief</u>
    high/mountains/hilly/upland,
    peaks/jagged skyline/ridge (in background),
    cliffs,
    steep slopes,
    valley(s),
    V – shape,
    deep valley/gorge,
    straight valley,

   <u>Settlement</u>
    sparsely settled,
    <u>two</u> villages,
    villages/small settlements/<u>small</u> towns/rural,
    nucleated/clustered,
    houses close to each other/dense,
    white,
    villages on one side of valley/photo,
    isolated buildings/some dispersed,

   <u>Agriculture</u>
    small plots,
    terraces,
    no visible crops/no visible cultivation/animals/fields the same colour,
    one/some green plot(s),
    grass (plots),

   Reserve one mark for each section

   Allow transfer between sections   [8]

4 (a) 33 – 37,
15 – 20

Both correct [1]

(b) universities for education of workforce,
universities for research facilities,
example of university,
companies clustered to share ideas etc.,
market in San Francisco/built up area/conurbation,
    (large urban market alone = 0)
airport for (overseas) markets,
Pacific Coast/sea/bay for scenery/recreation/pleasant environment, [5]
(Diablo/Santa Cruz) Mountains for scenery/recreation/pleasant environment,

(c) low bulk materials,
high value materials,
low transport costs, [2]

5 (a) (i) 22 °C on July 30 and 7 °C on July 31 plotted correctly,
points joined correctly,

Marked independently [2]

(ii) August 1, [1]

(iii) millibars, [1]

(b) (i) 12 <u>°C</u>,
20 <u>°C</u>,

Both correct [1]

(ii) 8 (°C), [1]

(iii) 37,
%,

In answers to **(ii)** and **(iii)** carry candidates' errors forward [2]

6 **(a)** bar graph,
recognisable sketch with one relevant label, [2]

(b) line graph,
recognisable sketch with one relevant label, [2]

(c) scatter graph,
recognisable sketch with one relevant label, [2]

(d) triangular graph,
recognisable sketch with one relevant label, [2]

Labels likely to be of axes or appropriate units.

Mark the two parts of each answer independently.