UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS

International General Certificate of Secondary Education

MARK SCHEME for the October/November 2011 question paper

for the guidance of teachers

0460 GEOGRAPHY

0460/23 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, which would have considered the acceptability of alternative answers.

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UNIVERSITY *of* CAMBRIDGE
International Examinations

1 **(a)** **(i)** Fayd' herbe, [1]

    (ii) CWA/Filter, [1]

    (iii) tea, [1]

    (iv) other, [1]

    (v) riverine trees,

        Mark the first feature given. [1]

  (b) coral/reef,
     headland/point (extract from names but pte =0),
     bay,
     river mouth/estuary,
     sand/mud/beach,
     rock/cliff,
     filaos/casuarina,
     scrub/scattered trees, [5]

  (c) streams/small rivers/small watercourse,
     waterfall/cascade,
     lake/pond/widened course, (reservoir = 0)
     meanders,
     (mainly) flow south west/south,
     tributaries,
     higher density in north/south/lower density in centre, [3]

  (d) **(i)** bench mark: 52/53 (metres)
        difference in height: 12/13 (metres),

        Both needed. [1]

    (ii) 1750 [1]

    (iii) 1 in 135,

        Carry errors forward using the ECF symbol as follows:
        If the correct height difference and an incorrect choice of distance from **(d)(ii)** have been
        used, 1 in 135 is also the correct answer.
        If an incorrect height difference has been used, calculate the answer using the
        candidate's figures from **(d)(i)** and **(d)(ii)**. The circled answer must be the closest to
        this. [1]

(e) main road junction/B road junction/route centre,
(relatively) gentle slope/flat qualified (flat = 0),
sugar plantations/sugar fields,
mill/sugar factory,
dry site/unlikely to flood,
pits,
school,   )
post office,   ) 2 services = 1 mark
community centre,   ) max 2 marks
police station,   )
mosque/temple/church,   )
many services = 1 within max 2 for services,   [4]

2 (a) (i) commercial/Central Business District/CBD,   [1]

  (ii) tall buildings/multi-storey/skyscrapers,
(fairly) high density of buildings,
tall/high density because high land values/lack of space,
next to/behind dock area/port facilities (on map),
glass/steel buildings,

If choose high density residential in **(i)** = 0 but allow relevant description in **(ii)**.   [3]

  (b) (i) natural harbour/sheltered,
(sheltered by) island/headland/peninsula,
large area of water/large natural harbour/room for many ships,
large/long waterfront,
junction of roads/route centre,   [2]

  (ii) near the CBD/commercial zone,
central location for residents,
large area of land,
road access,
open space for expansion,   [1]

  (iii) near residential areas so noise problem,
flight path over residential areas,   [1]

3 (a) (i) it has risen,   [1]

  (ii) about half/just less than half/48–49%/27 000 out of 55 000 etc.,   [1]

  (iii) 2003,   [1]

  (iv) 27 000,   [1]

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(b) cotton is grown nearby/on the Deccan Plateau,
fast flowing rivers for HEP,
SW winds/winds from the sea (in summer) provide a humid atmosphere/humidity,
a large labour force in Mumbai,
a large market in Mumbai,
Mumbai is a port for export to markets,

Note that the numbers are to help the candidates. Ignore them when marking: e.g. two
advantages could be credited under one number. [4]

4 (a) (i) 1400, [1]

(ii) plot at the intersection of the lines for 7.2 and 800,

(accept if shown as a cross) [1]

(iii) accept any sensible way of explaining the problem e.g.
the figures are too large for the scale,
if the scale was smaller the smaller values would not be shown well,
won't fit on page, [1]

(iv) no relationship, [1]

(b) (i) 7.2, [1]

(ii) 1, [1]

(iii) 1930/31 to 52/53, [1]

(iv) 1900–1910, [1]

5 (a) dense,
canopy,
green,
abundant foliage,
bushes/shrubs (by the water),
trees further back are taller/trees in foreground are shorter/ emergents are taller,
varied heights/layers,
thin trunks/thin trees,
straight trunks,
growing in water/mangroves,
different shapes/different species, [4]

(b) (i) accept within the range 25.5 to 26.5, [1]

(ii) 50, [1]

(iii) hot all year/high temperatures all year,
rainfall exceeds evaporation all year/rainfall all year/wet all year, [2]

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6 **(a)** **(i)** by sea/boat/air, (not cruise ship) [1]

    (ii) isolated/at end of a peninsula/inaccessible/remote, [1]

    (iii) SE/SSE, [1]

  (b) Description:
    very large/very rapid increase overall,
    no increase at start,
    early slight/slow increase,   ) exponential increase = 2
    later rapid increase,   )

    Explanation:
    because of road/highway to USA,
    because of the expansion of the airport/international flights, [5]