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CAMBRIDGE INTERNATIONAL EXAMINATIONS

International General Certificate of Secondary Education

MARK SCHEME for the October/November 2012 series

0460 GEOGRAPHY

0460/23 Paper 2, maximum raw mark 60

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1 (a) (i) district boundary, [1]

(ii) (F) Gregoire, [1]

(iii) other/track, [1]

(iv) cane track, [1]

(v) scrub/scattered trees,

In (a) if more than one answer is given and one is wrong then the answer = 0. [1]

(b) (i) village hall,
school,
temple,
church,
mosque,
hotel,

4/5/6 correct for 2 marks
2/3 correct for 1 mark [2]

(ii) linear/in a line/ribbon,(=1)

coastal/few inland,
near/along (main) road,
in east,
500m – 2000m apart,
on low(er) land,
near plantations/cultivation,
in valleys,
on headlands/(mainly) avoid bays,(=3) [4]

(c) steep, (steeper = 0)
hill/ridge/upland/mountain/high, (higher = 0)
forest,
sugar/plantation/cultivation/tea,
no roads,
transport/access difficult*,
building difficult*,

= allow once as development [4]

(d) bay,
headland/peninsula/point, (do not extract from names),
mangrove,
river/stream mouths,
oyster beds,
forest,
coral,
scrub/scattered trees,
steep slopes/little flat, [3]

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(e) (i) 120, [1]

(ii) 204/5 819, [1]

2 (a) (i) 1/the highest [1]

(ii) 5/the lowest [1]

(b) (i) meeting place/village hall/ place of worship, [1]

(ii) hospital [1]

(iii) 4, [1]

(iv) it has a school,
it has a greater population, [1]

(v) it only has 3 (types of) services, (not enough services = 0)
does not have a general store/doctor/clinic, [1]

(vi) E/F [1]

3 (a) (i) black/grey/dark,
ridges/heaps/piles,
loose/unconsolidated material,
steep slopes,
varied size,
ash/pyroclastics/rock fragments/blocks, [2]

(ii) cone,
several cones/secondary cones/parasitic cones/peaks,
steep slopes,
crater,
ridges,
not erupting/dormant,
stepped slopes,
bare/unvegetated areas [2]

(iii) vegetation/trees,
buildings, [1]

(b) (i) tourism,
employment, [1]

(ii) danger,
partially covered/buried,
access cut/road blocked,
toxic gases or other named volcanic hazard,
view spoiled,
power cut,
workers evacuated, [2]

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4 (a) (i) X - spit,
Y - sand dunes,
Z – marsh, [3]

(ii) low,
flat,
creeks/water channels/lagoon,
grass/vegetation, [3]

(iii) water is sheltered/calm,
area behind the spit, [1]

(b) NNE/NE, [1]

5 (a) (i) to allow water to fall/flow down/provide a head of water, [1]

(ii) valley/area surrounded by mountains/basin for water storage,
mountains encourage relief rainfall,
rain will run down the slopes (into the reservoir), [2]

(iii) displacement of people for the reservoir,
loss of farmland, (land flooded alone = 0)
might cut communications/make journeys longer,
insects,
visual pollution, [1]

(b) (i) plots at 14 for August (on the line) and 11.5 (between the lines) for September with both in the correct squares vertically,
line joining all plots, [2]

(ii) high/heavy rainfall,
rain all year/no dry period/>100mm per month,
above freezing point all year,
cool/warm summers/low temperatures/below 15^0C so little evaporation, [2]

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6 (a) (i) accept from 13 to 17 inclusive, [1]

(ii) pie graph with 70% shown by a segment between 250 - 254º with the correct key visible for at least one of the segments, [1]

(b) (i) bar at 9.8 million tonnes (it must be half way or above in the square but can touch the line for 10), [1]

(ii) 15.2, [1]

(c) demand for food will increase,
world population increase,
fall in wheat harvest,
it is difficult to control population growth,
some religions are resistant to the use of contraception,
population growth leads to less land for food production,
NICs/developing economies/rising living standards increase demand for more varied foods/meat,
adverse weather conditions/droughts floods/cyclones/strong winds/periods of extreme heat/cold cause losses of crops/livestock/food,
another listed physical or human hazard/problem,
hazards (or example) are unpredictable/difficult to control, [4]

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