

CAMBRIDGE INTERNATIONAL EXAMINATIONS

Cambridge International General Certificate of Secondary Education

MARK SCHEME for the October/November 2014 series

0460 GEOGRAPHY

0460/22

Paper 2, maximum raw mark 60

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- 1 (a) (i) post office/building [1]
- (ii) bridge/railway bridge [1]
- (iii) 1016 m [1]
- (iv) 1000 m
- In (iii) and (iv) use of units once is sufficient. If both (iii) and (iv) are correct but without units once allow one mark [1]
- (v) gravel/earth [1]
- (b) mine name
mine dump
mining/prospecting trench
reservoir(s)
power (line)/electricity
buildings/staff quarters [4]
- (c) (i) 080811/2 [1]
- (ii) 035 – 037° [1]
- (iii) N.E./N.N.E. [1]
- (d) (i) position of wide tarred road 37 – 40 mm from left hand margin [1]
- (ii) position of power line 59 – 62 mm from left hand margin [1]
- (iii) position of railway 71 – 74 mm from left hand margin [1]
- Use the ruler device to measure the answers
Arrows should end within about 1cm of the profile. Measure to the point that the arrow projects to

(e)

track, cut line or game trail			✓*	
dip tank	✓			
reservoir			✓*	
flat or gently sloping land			✓*	
drainage to the west	✓			

[5]

- 2 (a) A wind vane/weather vane
 B anemometer, (allow spelling errors if meaning is clear)
 C max(imum) – min(imum) thermometers/Six's thermometer

If more than one answer mark the first given

[3]

(b) north (allow north west)

[1]

(c) correct position of alcohol labelled (two possibilities)

The word "alcohol" is needed

[1]

(d) (i) 5°C

[1]

(ii) 17°C

[1]

(iii) 15°C

In (i), (ii) and (iii) the use of the units once is sufficient

[1]

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- 3 (a) tall trees
emergent
bare/branchless trunks
thin/slender/straight trunks
dense/crowded/thick
luxuriant/lush
variety/many types
canopy
broad/large leaves
palms
flowers/bright/orange, (allow bright/orange leaves)
bamboo/shorter trees/ferns/grass/bushes in foreground [4]
- (b) 28(°C)
hot/quite hot
2(°C)
If hottest month is incorrect carry the error forward but if 2°C given ignore the answer for the hottest month
high/very high/wet/heavy [4]
- 4 (a) huts
small
some larger/different sizes
single storey
stilts/legs, (allow alternative phrases)
on slope/steep slope/hill/hillside
one/two/three/few windows
gently sloping roofs/overhanging roofs
white/pink/blue/grey/brown/colourful [5]
- (b) (i) 7932 – 8962, (any figure within this tolerance) [1]
- (ii) D
E
B
A
C
All correct = 2
3/4 in correct relative order = 1 [2]
- 5 (a) in south/south west
in east/south east/on (international) boundary/next to Congo/CAR
coastal
inland
Allow the phrase “near to” in points 2 and 3. [2]

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(b) (i) correct plot of Region 1 at 360 thousand ha and 400 thousand tonnes
Allow an unlabelled dot [1]

(ii) no relationship
possible/slight/tendency towards/weak inverse relationship [1]

(c) rainfall/drought/floods/soil moisture
hail
temperature/frost
sunshine/light intensity/length of days
relief
soils/soil erosion/soil fertility/land quality
pests/insects/pesticides
weeds/herbicides
diseases
amount of land available
animal damage/fencing

skill/knowledge/education
amount of labour
machinery/technology/tools/equipment
irrigation
manure/fertiliser
seeds/crop variety/crop type
capital/poverty
government policy
non-governmental organisations
fragmentation of holdings [2]

(d) Low or decreased yield
Little surplus to sell
No capital to invest
No fertiliser or improved seeds
Decreased soil fertility and yields

All correct = 2
1 correct = 1 [2]

6 (a) Burma
Laos
Thailand

Two correct for 1 mark [1]

(b) 4200 km but allow 3600 km as the question asked for an estimate [1]

Page 6	Mark Scheme	Syllabus	Paper
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- (c) water held back by dams
lower river flows/river shallower

sediment trapped (in dams)/less sediment carried by river
loss of soil fertility/less fertile land
decreasing yields
less water for irrigation/less water for farming

dams/lower flows a barrier to fish movement
fewer fish/fish die

dams/lower flows a barrier to navigation/transport
less trade/trade difficult

poorer diets/less food/hunger/less protein

[4]

- (d) river passes through different countries/two named countries/action of one country affects another country = 1

example of a possible conflict e.g. about irrigation water/drinking water/water supply (water should be specified and not just water) /navigation/fishing/pollution/illegal migration

This should be stated as a conflict and refer to two groups of people or two countries = 1 [2]