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.

Mark schemes should be read in conjunction with the question paper and the Principal Examiner Report for Teachers.

Cambridge will not enter into discussions about these mark schemes.

Cambridge is publishing the mark schemes for the October/November 2014 series for most Cambridge IGCSE®, Cambridge International A and AS Level components and some Cambridge O Level components.
1 (a) (i) post office/building
(ii) bridge/railway bridge
(iii) 1016 m
(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

(v) gravel/earth

(b) mine name
mine dump
mining/prospecting trench
reservoir(s)
power (line)/electricity
buildings/staff quarters

(c) (i) 080811/2
(ii) 035 – 037°
(iii) N.E./N.N.E.

(d) (i) position of wide tarred road 37 – 40 mm from left hand margin
(ii) position of power line 59 – 62 mm from left hand margin
(iii) position of railway 71 – 74 mm from left hand margin

Use the ruler device to measure the answers
Arrows should end within about 1 cm of the profile. Measure to the point that the arrow projects to
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

(b) north (allow north west)

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

   The word “alcohol” is needed

(d) (i) 5°C
   (ii) 17°C
   (iii) 15°C

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

(e)

| Track, cut line or game trail | ✓* |
| Dip tank | ✓ |
| Reservoir | ✓* |
| Flat or gently sloping land | ✓* |
| Drainage to the west | ✓ |
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
   
(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 (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
   
(b) (i) 7932 – 8962, (any figure within this tolerance)
   
   (ii) D
        E
        B
        A
        C

        All correct = 2
        3/4 in correct relative order = 1

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.
(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]
(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  

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

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  

[4]  

[2]