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Cambridge Assessment International Education
Cambridge International General Certificate of Secondary Education

GEOGRAPHY **0460/23**

Paper 2 **October/November 2017**

MARK SCHEME

Maximum Mark: 60

Published

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Question	Answer	Marks
1(a)(i)	(marked) footpath,	**1**
1(a)(ii)	ski lift,	**1**
1(a)(iii)	626 m,	**1**
1(a)(iv)	forest,	**1**
1(a)(v)	cultivation,	**1**
1(a)(vi)	trigonometric point,	**1**
1(b)	grocery, hotel/lodging, swimming, illuminated ski trail, church, nursing home, electricity/power line, council offices,	**3**
1(c)	M has built-up area N has not/M more built up, M has no/few cabins/N has some/many, M has farms N none, M houses N none, M dominant buildings N none, M smaller area N larger area, M is a town N is a resort, M on lower ground/N higher, M higher density/N lower density	**3**
1(d)(i)	hill/high/mountain, ridge/elongated/oval shape, 995 m, concave slope, steep(er) to north/south, gentle(r) to east,	**3**
1(e)(i)	6800–7200 (metres),	**1**
1(e)(ii)	111–114 (degrees),	**1**
1(f)(i)	south,	**1**
1(f)(ii)	lake Kroksjøen higher/Sjusjøen lower/882–879 m and 810–806 m, 907/905/899 m–835 m, contour shape, angle of tributaries,	**2**

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Question	Answer	Marks
2(a)	Photograph A scenery/view qualified, mountains, train/tram/railway, footpath/trail, snow, Photograph B architecture/monument/church/old buildings, old/attractive bridge, boats/boating, waterside walk, outside seating, stalls/market/canopies/shade, Max 4 on either photograph.	**6**
2(b)	skiing/sledging/other snow-related activity, climbing/walking, bird/wildlife watching, photography/painting, kite flying, train ride, sight-seeing, paragliding etc.,	**2**

Question	Answer	Marks
3(a)(i)	M parasitic cone, N crater, O vent, P magma chamber,	**4**
3(a)(ii)	shield gentler/stratovolcano steeper, shield straight/convex + stratovolcano is concave OR shield steepens towards the base + stratovolcano steepens towards the summit,	**2**
3(b)(i)	23–30 (degrees),	**1**
3(b)(ii)	layers, it rises from the sea bed/high above sea level,	**1**

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Question	Answer	Marks
4(a)(i)	smaller segment 107–109°, completion of a key with immigrants the larger segment,	**2**
4(a)(ii)	line at 94%, completion of key with immigrants the larger portion, completion of scale at minimum 20% intervals,	**3**
4(b)	many males/few females/mainly males/more males than females, middle aged/working age/independent age group, mainly 20–54 years old, no/few/young, no/few/old,	**3**

Question	Answer	Marks
5(a)(i)	area above 1016 mb shaded/labelled “high”,	**1**
5(a)(ii)	4 (oktas), NE/ENE, 8 to 12 (knots),	**3**
5(a)(iii)	hot/high temperature/25 <u>℃</u>, no cloud/clear, calm/no wind,	**3**
5(b)	sun at a high angle <u>all year</u>, (almost) constant length of day and night,	**1**

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Question	Answer	Marks
6(a)(i)	too poor to purchase land/land expensive, (too little land because of) increasing population, (too little land because of) land used for housing/other developments, poor quality land/ infertile land (left), land degradation/soil erosion, land used for cash crops/commercial agriculture, they live in urban areas, forced migration/land taken away,	**2**
6(a)(ii)	surplus is not where need is/uneven distribution of food/food controlled by a few people, poor transport/inaccessibility, poor organisation, food prices too high/too poor to buy food, food not sufficiently nutritious,	**3**
6(b)	drought, floods, tropical storms/high winds, hail, pests, diseases, soil erosion, soil exhaustion/infertility, volcanic deposits on farmland/lava/ash cover, mudflows/landslides, earthquakes disrupt transport, tsunami, Maximum 2 if no explanation of the points.	**3**

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