Cambridge International Examinations
Cambridge International General Certificate of Secondary Education

GEOGRAPHY **0460/22**

Paper 2 **March 2017**

MARK SCHEME

Maximum Mark: 60

Published

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

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Question	Answer	Marks
1(a)(i)	1 km^2,	**1**
1(b)(i)	10 m,	**1**
1(b)(ii)	land below 100 m,	**1**
1(c)(i)	(county) boundary,	**1**
1(c)(ii)	third class,	**1**
1(c)(iii)	316 103/4,	**1**
1(c)(iv)	25 m,	**1**
1(c)(v)	D – E gentle, E – C steep,	**2**
1(d)(i)	6800–7300 (m),	**1**
1(d)(ii)	1550–2050 (m), Error carried forward.	**1**
1(d)(iii)	north east then south east,	**1**
1(e)(i)	correct position of Lough Luirk 78–86 mm from left margin,	**1**
1(e)(ii)	summit 250–270m, Not ruler flat or sharply pointed. correct horizontal position of summit 45–52 mm from left margin,	**2**
1(f)	road junction/route centre, gentle slopes/flat, lowland/below 100 m, quay/harbour/port, visitor centre, earthwork/antiquity, coastal/mountain scenery/to walk/climb, tourism with evidence, services/police/post/school/chapel/church/parking, lake for water supply,	**5**

Question	Answer	Marks
2(a)	high/over 1000 in north east/Bihar <u>and</u> West Bengal, high/501–1000 in 2 of Uttar Pradesh/Haryana/Punjab, high/501–1000 in south/Kerala <u>and</u> Tamil Nadu, low/<250 in centre/2 of Madhya Pradesh/Rajasthan/Chhattisgarh, low/<250 in north west/north/2 of Jammu and Kashmir/Uttarakhand/Himachal Pradesh, low/<250 in north east/2 of Manipur/Nagaland/Sikkim/Mizoram/Arunachal Pradesh/Meghalaya, medium/moderate/251 – 500 in centre/between low in centre and high in south/from coast to coast/ 2 of Goa/Maharashtra/Karnataka/Andhra Pradesh/Gujarat/Orissa, One correct use of units justifies the rest.	4
2(b)(i)	Arunachal Pradesh,	1
2(b)(ii)	Nagaland,	1
2(c)(i)	low(er) increase,	1
2(c)(ii)	varies from state to state, some high and some low increases,	1

Question	Answer	Marks
3(a)	low(er) land, in valley, gentle(er)/flat land, easier to build (development), surrounded by/avoids highland/mountains/steep slopes/between hills, mountains provide shelter,	4
3(b)	farming/crops/arable/cultivation, fields/boundaries/plots, scrub/bush/open/grass/natural vegetation/unused <u>further away/higher land</u>, trees in town/in lowland,	3
3(c)	dam/reservoir/lake/pond/water-body,	1

Question	Answer	Marks
4(a)	A headland, B stack, C spit, D bay,	**4**
4(b)	Z,	**1**
4(c)	warm/18–30°C, shallow, clear/no sediment, (normal) salinity, oxygenated/waves, light, no pollution/clean,	**3**

Question	Answer	Marks
5(a)	correct plot of 5mm, correct plot of 19 °C,	**2**
5(b)	23 °C,	**1**
5(c)	Fig. 8 – hottest/summer in January/December, coldest/winter in June/July,	**1**
5(d)	Fig. 7 hotter/Fig. 8 colder, Fig. 7 36 °C <u>and</u> Fig. 8 26 °C,	**1**
5(e)	high pressure, descending air, stable air, offshore winds/blow out, cold ocean currents, rainshadow, large distance from sea, evaporation before rain reaches ground,	**3**

Question	Answer	Marks
6(a)	B solar, C wind,	**2**
6(b)	<u>For</u> power/electricity <u>for nearby settlements/local people/available</u>, cheap power, jobs/income, development of infrastructure e.g. roads, no pollution, land in C not in use, C uninhabited so no impact on population,	**3**
	<u>Against</u> visual pollution/ugly, covers a large area, other land use possible, e.g. agriculture/housing, may affect wildlife, little/variable power, C noise,	**3**