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Cambridge Assessment International Education
Cambridge International General Certificate of Secondary Education

GEOGRAPHY **0460/21**

Paper 2 **May/June 2019**

MARK SCHEME

Maximum Mark: 60

Published

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 International will not enter into discussions about these mark schemes.

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This syllabus is regulated for use in England, Wales and Northern Ireland as a Cambridge International Level 1/Level 2 Certificate.

This document consists of **8** printed pages.

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Generic Marking Principles

These general marking principles must be applied by all examiners when marking candidate answers. They should be applied alongside the specific content of the mark scheme or generic level descriptors for a question. Each question paper and mark scheme will also comply with these marking principles.

GENERIC MARKING PRINCIPLE 1:

Marks must be awarded in line with:

- the specific content of the mark scheme or the generic level descriptors for the question
- the specific skills defined in the mark scheme or in the generic level descriptors for the question
- the standard of response required by a candidate as exemplified by the standardisation scripts.

GENERIC MARKING PRINCIPLE 2:

Marks awarded are always **whole marks** (not half marks, or other fractions).

GENERIC MARKING PRINCIPLE 3:

Marks must be awarded **positively**:

- marks are awarded for correct/valid answers, as defined in the mark scheme. However, credit is given for valid answers which go beyond the scope of the syllabus and mark scheme, referring to your Team Leader as appropriate
- marks are awarded when candidates clearly demonstrate what they know and can do
- marks are not deducted for errors
- marks are not deducted for omissions
- answers should only be judged on the quality of spelling, punctuation and grammar when these features are specifically assessed by the question as indicated by the mark scheme. The meaning, however, should be unambiguous.

GENERIC MARKING PRINCIPLE 4:

Rules must be applied consistently e.g. in situations where candidates have not followed instructions or in the application of generic level descriptors.

GENERIC MARKING PRINCIPLE 5:

Marks should be awarded using the full range of marks defined in the mark scheme for the question (however; the use of the full mark range may be limited according to the quality of the candidate responses seen).

GENERIC MARKING PRINCIPLE 6:

Marks awarded are based solely on the requirements as defined in the mark scheme. Marks should not be awarded with grade thresholds or grade descriptors in mind.

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Question	Answer	Marks
1(a)(i)	railway (any type)	**1**
1(a)(ii)	public road (any type)	**1**
1(a)(iii)	shooting range (any type)	**1**
1(a)(iv)	144 (metres)	**1**
1(a)(v)	forest (any type)	**1**
1(a)(vi)	arable (land)	**1**
1(b)	camp site, marina, bathing, ancient monument	**2**
1(c)(i)	road	**1**
1(c)(ii)	S Mellby	**1**
1(c)(iii)	profile completed with ground rising (not over 100m) then falling to sea level at the coastline	**1**
1(d)(i)	6600–6900 (metres)	**1**
1(d)(ii)	NE / ENE	**1**
1(d)(iii)	62–65 (degrees)	**1**
1(d)(iv)	507688 = 2 507689 = 1	**2**
1(e)	valley, steep (sides), uniform slope, V-shaped, narrow, lowest 10–25 m, highest 110–120 m, north facing slope / slopes down to north	**4**

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Question	Answer	Marks
2(a)(i)	Correct plot of females 15–19 600 000, Correct plot of males 25–29 400 000	**2**
2(a)(ii)	South Sudan more young / 0–14, South Sudan fewer middle aged / economically active / 15–64, South Sudan fewer old / 65+, South Sudan fewer older women, (or emphasis on Germany) Allow age ranges within those above but not single bars. Allow single points on South Sudan. Wide base / BR / DR etc. = 0.	**3**
2(a)(iii)	South Sudan large numbers of young to feed / educate / support, small number of productive / economically active people, Germany large numbers of old people to support / care for, many more elderly in the future, fewer younger workers, lack of army in the future Allow ‘dependence’ once in either section without full explanation.	**2**
2(b)	male migrant labour,	**1**

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Question	Answer	Marks
3(a)	Fig. 3.1 gentle slopes / flat / avoids steep, lower land / avoids high / foot of mountains (near mountains = 0), in valley, near lake Fig. 3.2 gentle slope, raised/higher/on hill, avoids floods/marsh Maximum three on each photograph.	**4**
3(b)	Fig. 3.1 fields / plots, in rows, unused land, reservoir / dam for irrigation Fig. 3.2 fields / plots, flooded / padi / rice, raised banks, young / new crop Allow ‘arable/crops/plantations’ once in either part. Maximum three on each photograph.	**4**

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Question	Answer	Marks
4(a)(i)	point on Earth's surface above focus / origin	**1**
4(a)(ii)	on plate boundaries, some / 1 / 2 / 3 away from boundaries, mostly destructive / convergent boundaries	**2**
4(b)	shallow	**1**
4(c)(i)	minor	**1**
4(c)(ii)	inverse relationship / negative correlation, as one increases the other decreases (allow other expressions)	**1**
4(d)	falling buildings, collapse of other named structure (e.g. bridge, power line, road, trees, furniture), fire, breaking glass, named post-earthquake hazard (e.g. famine, disease), tsunami, slope failure / mass movement	**2**

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Question	Answer	Marks
5(a)	maximum – minimum thermometers / Six's thermometer, wind / weather vane, rain gauge, sunshine recorder	**3**
5(b)	SW wind rain E / N wind no rain (allow sunny / no cloud)	**1**
5(c)	correct plot of 2 days east	**1**
5(d)	7 °C	**1**
5(e)	more cloud higher maximum, more cloud higher minimum, more cloud smaller range Or converse of each point. (If neither given allow more cloud higher temperatures = 1)	**2**

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Question	Answer	Marks
6(a)	tall / narrow, 4 / 5 storeys, brick (allow blocks), shops / commercial on ground floor (allow 1st floor), joined to each other / close to each other, balconies, different designs / colours, large windows, chimneys, sloping roofs	**5**
6(b)	shopping, café / restaurant, history / culture / old, architecture / named building (e.g. palace, church, castle, university)	**3**

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