GradeMax

Cambridge International Examinations
Cambridge International General Certificate of Secondary Education

GEOGRAPHY **0460/22**

Paper 2 **October/November 2016**

MARK SCHEME

Maximum Mark: 60

Published

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1 (a) (i) post office, [1]

(ii) 439 570, [1]

(iii) 225 m, [1]

(iv) (Holy) Well,

If more than one answer and one is wrong then no credit [1]

(b) (i) third class, (Allow third class and other roads) [1]

(ii) dispersed,

If more than one answer and one is wrong then no credit [1]

(c) (i) line should pass around the outside or along the edge of the built-up area in squares 5054 and 5154 then go straight to F. (Allow if mostly within 3 mm of either side of edge of built-up area), [1]

(ii) radial routes/route centre/focal/nodal/to or from city (centre)/to or from many directions/to or from all directions,
ring road/by pass/around built-up area/avoiding built-up area/surrounding built-up area, [2]

(d) MacDonagh Station,
to/from E/SE,
straight,
to/from city centre,
terminus/only one line, [2]

(e) (i) meanders/bends/curves, [1]

(ii) 4050–4350 (metres), [1]

(iii) 157–161° (Must give degrees), [1]

(f) P higher/Q lower/P high and Q low/P more hilly/P more valleys.
Allow for 2 figures with metres.
P steeper/Q gentler/P steep and Q flat/gentle,

Differences must be given. [2]

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(g) (i) Gorteenteen, [1]

(ii) road/regional road/river/stream/track [1]

(iii) Summit completed as follows:

distance from base: 42–46 mm (210 and 230 m altitude),
distance from left hand side: 20–25 mm,
[2]

2 (a) isolated house,
Village [2]

(b) (i) nucleated,
linear, [2]

(ii) junction/route focus/route centre/nodal point/cross roads,
roads from all directions/roads from north/south and east/west,
bridge, [2]

(iii) risk of flooding/on flood plain, [1]

(iv) hill/high/higher [1]

3 (a) steep (sides),
steep long profile/gradient,
cliffs, (steep cliff = 1)
V – shape,
narrow valley/floor,
deep/gorge,
straight,
gentler upper slopes/convex,
(interlocking) spurs, [4]

(b) (i) B traction/rolling,
C suspension [2]

(ii) less load/finer load (downstream), = 1

load deposited/trapped/blocked/held in lake/dam,
loss of velocity/energy/discharge/flow (in dam or downstream), = 1 [2]

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4 **(a)** A gentler,
A wider/50 km – 10 km/greater circumference/bigger,
A higher,
A wider/larger crater,
A lava B lava and ash/A no ash B ash,
A no parasitic cone/side vent/B more vents,
A larger magma chamber,

Or emphasis on B or pairs of points.

Statements must be comparative. [4]

(b) A shield,
B strato/composite, [2]

(c) A away from plate boundaries/mid-plate/hot spot,
B destructive/convergent/collision margin/boundary/zone, [2]

5 **(a)** **(i)** for sale/profit, [1]

(ii) crops, (reference to subsistence spoils) [1]

(b) tropical/near tropics/near Equator,
Caribbean/West Indies/named country in this shaded area,
North/north west of South America/named country in this shaded area,
south of North America/Central America/named country in this shaded area,
West/North West Africa/named country in this shaded area,
Southern Europe (SE = 0)/Mediterranean/named country in this shaded area,
South/East/SE Asia/named mainland country in this shaded area,
Japan,
Indonesia/Philippines/Borneo/islands of Asia/islands of Australasia,
(eastern) Madagascar,
small area in Iraq/Iran/Kuwait/SE/S Australia,
more in northern hemisphere (no alternatives), [4]

(c) rice needs higher temperatures/wheat needs lower temperatures,
rice needs higher rainfall/wetter/more humid conditions/wheat needs lower rainfall/drier conditions, (Allow rice needs more water unless referring to irrigation)
If neither of these points score allow:
"different climatic requirements",
differing demand/diets (in different parts of the world),

All points must be stated as comparisons/differences. [2]

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6 **(a)** the increased links between different parts of the world, such as the availability of food and clothing from other countries and increased international population migration. [1]

(b) operates in two or more countries/parts of the world, does not identify itself with a national home. [1]

(c) **(i)** 3,
6,
9, [2]

(ii) 1,
4,
7, [2]

(iii) 2,
5,
8, [2]

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