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**GEOGRAPHY**

**0460/21**

Paper 2

**October/November 2017**

MARK SCHEME

Maximum Mark: 60

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**Published**

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This document consists of **5** printed pages.

Question	Answer	Marks
1(a)(i)	power line,	1
1(a)(ii)	road,	1
1(a)(iii)	hotel/lodging,	1
1(a)(iv)	625 <u>m</u> ,	1
1(a)(v)	cultural monument,	1
1(a)(vi)	Dyrvo,	1
1(a)(vii)	delta/distributaries,	1
1(b)	1800 m	1
1(c)	on south side of lake, <u>bridge over lake</u> , on north side of lake, (allow side of lake once if south/north not stated) tunnel, keeps low/flat/avoids high/avoids steep,	2
1(d)	high/mountainous, steep, 1103 <u>m</u> , lowest 680–700 <u>m</u> , valley (in east), V shape, spur/ridge (in west), gentler summit, double summit/two high points, convex,	5
1(e)	<u>Cultivation</u> low(er), gentle(r), near lake, in valley, below 400 <u>m</u> , (allow any height lower than 400 m) more in south east/south,  <u>Forest</u> high/higher than the cultivation, avoids highest land/summits, steep(er), <u>below</u> 600/800 m,  Reserve 1 for each.	5

Question	Answer	Marks
2(a)(i)	500 <u>thousand</u> ,	1
2(a)(ii)	4 <u>million</u> ,	1
2(b)(i)	Angola more/Japan less,	1
2(b)(ii)	Japan more/Angola less,	1
2(c)(i)	ageing population/more old/old dependents/more >80, decreased numbers of young/middle age/working age,	2
2(c)(ii)	increased of <u>care</u> costs, increased medical costs, increased pension costs, greater financial burden on young, lack of workforce, decrease in tax income, difficult to staff armed forces, less innovation,	2

Question	Answer	Marks
3(a)(i)	1,	1
3(a)(ii)	5,	1
3(a)(iii)	4,	1
3(a)(iv)	3,	1
3(b)	*compulsory point: plates collide/converge/destructive margin,  stress/pressure/compression, friction, fracturing/faulting,	2
3(c)	great(est) close to epicentre/less further away, high around Kathmandu may relate to buildings type/density, possible effects of geology, possible effects of relief,	2

Question	Answer	Marks
4(a)(i)	Stevenson screen,	1
4(a)(ii)	thermometer, hygrometer, barometer,	1
4(a)(iii)	rainfall/precipitation,	1
4(a)(iv)	anemometer,	1
4(a)(v)	wind <u>speed/force/strength</u> ,	1
4(b)(i)	remotely/no need for visit to station/automatically, signal sent (wireless or wire), receiver/recorder (in building/house/elsewhere), use of computer,	2
4(b)(ii)	tree/house may cause shade/shelter/damage,	1

Question	Answer	Marks
5(a)	mining, manufacturing, transport, designing,  All correct = 3 2/3 correct = 2 1 correct = 1	3
5(b)	primary decreases tertiary increases, secondary increases then decreases,	3
5(c)	2, 1,	2

Question	Answer	Marks
6(a)(i)	<p>number reduced, by 209 million, except in Africa,</p> <p>bigger decrease in LEDCs/most of decrease in LEDCs, 204 million in LEDCs and 5 million in MEDCs,</p>	<b>2</b>
6(a)(ii)	<p>less in MEDCs/more in LEDCs, more/most in Asia,</p> <p>Asia/Latin America improving/decreasing, Africa getting worse/increasing,</p>	<b>2</b>
6(b)(i)	<p>arable, intensive,</p>	<b>2</b>
6(b)(ii)	<p>extend cultivation/farming area (to hills), (extend) irrigation, clear woodland, diversify crops, add pastoral,</p> <p>increase intensity, use more fertiliser, mechanisation, increase labour force, new crop varieties/GM, pesticides/herbicides,</p> <p>Reserve one mark for the first list, directly from the photograph.</p>	<b>2</b>