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GEOGRAPHY **0460/21**

Paper 2 **October/November 2017**

MARK SCHEME

Maximum Mark: 60

Published

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Question	Answer	Marks
1(a)(i)	power line,	**1**
1(a)(ii)	road,	**1**
1(a)(iii)	hotel/lodging,	**1**
1(a)(iv)	625 m,	**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, bridge over lake, 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 m, lowest 680–700 m, valley (in east), V shape, spur/ridge (in west), gentler summit, double summit/two high points, convex,	**5**
1(e)	Cultivation low(er), gentle(r), near lake, in valley, below 400 m, (allow any height lower than 400 m) more in south east/south, Forest high/higher than the cultivation, avoids highest land/summits, steep(er), below 600/800 m, Reserve 1 for each.	**5**

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Question	Answer	Marks
2(a)(i)	500 thousand,	**1**
2(a)(ii)	4 million,	**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 care 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**

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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**

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

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