

## GEOGRAPHY (0460)

### PAPER 3

1	(a)	(i)	585075	= 1
		(ii)	School,	= 1
		(iii)	Allow 4300 – 4600 (m) Metres not required	= 1
		(iv)	pasture, woodland, trees and scrub, mixed and scattered cultivation, lakes/ponds, streams/rivers, electricity transmission line/power lines tobacco	4 at 1 = 4
	(b)	(i)	near airport, sand/beach, road access, flat site,	2 at 1 = 2
		(ii)	flat, sea/unobstructed approach, away from built up area/little settlement near, near town/city/urban area/Montego Bay main road access, large space, cheap/reclaimed land,	3 at 1 = 3
	(c)		marsh/swamp, mangrove, island, bay, coral, promontory/headland/peninsula/point, river mouth/estuary	4 at 1 = 4
	(d)	EITHER	school, Health centre, Postal Agency, (Post office = 0) church,	4 at 1 = 4
		OR	point of interest/Montpellier House/ Blue Hole, library, yacht club, hotels, golf course, sandy beaches, YWCA, games field/playground, community centre,	4 at 1 = 4

2	(a)	(i)	A thermal/coal fired/fossil fuel/oil, B nuclear,	Both correct	= 1
		(ii)	(heated water turns to ) steam, turns turbines, generator/dynamo	3 at 1	= 3
	(b)	(i)	distance water falls, 187 (metres)	2 at 1	= 2
		(ii)	W – reservoir/lake ) X – dam wall )	Both correct = 1	
			Y – penstock	= 1	
			Z – electricity grid/pylons/power line/electric wires/cables	= 1	= 3
					<b><u>9</u></b>

3	Upper Stage	Middle Stage	Lower Stage
	vertical erosion, potholing,		deposition, lateral erosion,
	narrow, deep, steep sides,		wide, flat, gentle sides/floor,
	waterfall, rapids, potholes, plunge pool, gorge, interlocking spurs,		ox bow lake, meander, river cliff, slip off slope, delta, flood plane, levee, river above valley floor braiding, deferred tributaries, distributaries,
	River processes 1 upper stage 1 lower stage		= 2
	Shape of valley 1 upper stage 1 lower stage		= 2
	Two features in upper stage	= 1	
	Two features in lower stage	= 1	= 2
			<b><u>6</u></b>

4	(a)	2140 feet (Full statement required)	= 1
	(b)	(i) near/along main <u>tracks</u> (road = 0) on less steep land/on flatter land/flat land/gentle slope edge of swamp, foot of higher land/foot of steep slope/edge valley floor, concentration where main track/road/secondary track meet, some concentration where rivers cross main track, increased density in south, increased density near entrance to Buranga Pass, on lower land/below 2500 ft,	3 at 1 = 3
	(ii)	forest, bush and scrub, bush and scattered trees, papyrus swamp, seasonal swamp, steep slopes, higher land,	3 at 1 = 3
			<u>7</u>

5	(a)	12°C		= 1
	(b)	I	occurs when wind from westerly direction/NW, heaviest when winds from NW, little when winds are from south/SE/E, one occasion when winds from E,	2 at 1 = 2
		II	precipitation begins when pressure falls, heaviest when pressure in lowest/low, precipitation decreases as pressure rises, precipitation on one day when pressure high,	2 at 1 = 2
		III	precipitation occurs when daily range is low, precipitation occurs when daily range is 6°C and below, no precipitation when daily range is high, no precipitation when daily range is 9°C and over,	2 at 1 = 2
				<b>7</b>

- 6 (a) tertiary 41/42% = 1
- (b) position of dot correct = 1
- (c) developed countries more secondary,  
developed countries more tertiary,  
developed countries less primary,

(Allow opposite approach based on developing or combination)

2 at 1 = 2

**4**

7	(a)	(i)	Gambia Allow 24/ per 1000	= 1
		(ii)	10 per 1000	= 1
		(iii)	correct plot on Fig 6 (BR28/29 DR12)	= 1
	(b)		gradual fall 1906 to 1949/1950/1951 steep fall 1949/1950/1951 to 1956, gentle gradual rise 1956 to 1966, gradual/gentle fall 1966 to 1979/1980 steep fall 1979/1980 to 1996.	4 at 1 = 4
				<u>7</u>