

Candidate 2 evidence

ENTER NUMBER OF QUESTION	Question one	DO NOT WRITE IN THIS MARGIN
	<ul style="list-style-type: none"> ◦ Glacier forms in a north facing hollow ◦ Snow is compressed to form a neve ◦ glacier glacier glacier moves downhill due to weight & gravity ◦ the glacier glacier freeze thaw occurs ◦ rock is plucked, through plucking ◦ abrasion occurs causing sandpaper like effect ◦ Glacier melts to form a corrie 	
	<p>Question 2</p> <ul style="list-style-type: none"> ◦ long shore drift is transported along the shore and deposited, this slowly builds up as the process repeats itself at slowly leading to the formation of a sand spit, as sand is deposited & moved at the shore 	
	<p>Question 3</p> <p>Description: For Atlantic ocean:</p> <ul style="list-style-type: none"> ◦ oceans have a circular flow ◦ oceans transport latent energy ◦ the currents are are are are are are redistributed energy ◦ current current current current patterns for the current are effected by land masses <p>Explanation:</p> <ul style="list-style-type: none"> ◦ affected by wind patterns ◦ the earths currents are effected by the the the the the the the the the the the the the <p>Oceans currents help redistribute latent heat and energy around the globe, which is initially received in from the sun. For example the tropics receive more insolation than the the polar regions, the currents in the atlantic help redistribute some of this energy</p> <ul style="list-style-type: none"> ◦ affected by wind patterns 	<ul style="list-style-type: none"> ◦ cold polar water transported to tropic regions & same in reverse

ENTER NUMBER OF QUESTION	Question four	DO NOT WRITE IN THIS MARGIN
	Description	
	<ul style="list-style-type: none"> • there is a gradual rise in discharge until 14:00 	
	<ul style="list-style-type: none"> • there is a steep rising limb, with discharge peaking at ^{around 85 cumecs} 	
	<ul style="list-style-type: none"> • there is a steep recession limb 	
	<ul style="list-style-type: none"> • the rising limb becomes less steep between 18:00 and 20:00 	
	<ul style="list-style-type: none"> • the steep rising limb lasts from 18:00 - 01:00 	
	<ul style="list-style-type: none"> • there is a lag time of five hours 	
	<ul style="list-style-type: none"> • rainfall peaked at 21:00 	
	<ul style="list-style-type: none"> • discharge peaked at 35 cumecs 	
	Explanation	
	<ul style="list-style-type: none"> • This was caused by the initial rainfall at 11:00 	
	<ul style="list-style-type: none"> • interception by vegetation 	
	<ul style="list-style-type: none"> • impermeable surfaces leading to rapid surface runoff 	
	<ul style="list-style-type: none"> • the steep recession limb is because there is no further rainfall after 01:00 	

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	Question 5	
	<ul style="list-style-type: none"> • the soft rock erodes more quickly than the hard rock 	
	<ul style="list-style-type: none"> • this leaves an overhang of unsupported hard rock which eventually collapses 	
	<ul style="list-style-type: none"> • the rock crashes into the water / plunge pool, this rock swirls around causing further erosion. 	
	<ul style="list-style-type: none"> • over time the process repeats itself and the waterfall retreats upstream 	
	Question 6	
	<ul style="list-style-type: none"> • Deciduous forest vegetation provides deep leaf litter 	
	<ul style="list-style-type: none"> • the roots access nutrients from the lower layers 	
	<ul style="list-style-type: none"> • weathered & fractured rock 	
	<ul style="list-style-type: none"> • decomposition of organisms 	
	<ul style="list-style-type: none"> • litter providing nutrients 	

ENTER NUMBER OF QUESTION	Question Seven	DO NOT WRITE IN THIS MARGIN
	The Japanese population is ageing, there is already	
	a large percentage of older people making up	
	the Japanese population, but as a consequence of	
	the projected changes, Japan will have an even older	
	population that is living longer.	
	The projected change will result in greater	
	demand being placed on health services; The Japanese	
	government will struggle to maintain satisfactory	
	pensions, as the working age, economically active	
	population decreases. The economically active group	
	may face additional tax burden to support the	
	older population.	
	As a consequence of the changes Japan could	
	face a labour shortage, Japan may have to	
	increase inward migration - to something the nation	
	has been reluctant to do so far.	

ENTER NUMBER OF QUESTION	Question Seven Continued	DO NOT WRITE IN THIS MARGIN
	there will also be less need for teachers.	
	as a result of the declining birth rate	
	and lower proportion of young people.	
	japan already has a debt to GDP ratio of	
	around 240%, which is the highest worldwide,	
	the government can ill-afford additional costs	
	in healthcare or other services for the elderly.	
	and	
	if the economically active ^{population} pop becomes	
	too small japan may run into trouble	
	servicing its debts.	
	the ageing population will also result in some	
	japanese firms receiving less business, for example	
	toy manufacturers & car manufacturers, this	
	will hurt the of japanese businesses &	
	affect the governments tax revenue	

ENTER NUMBER OF QUESTION	Question 8	DO NOT WRITE IN THIS MARGIN
	<ul style="list-style-type: none">• Census Form, in the UK one is distributed	
	once every 10 years and householders answer questions	
	on the number of people living in their household.	
	Householders are also asked to answer questions on	
	their social, ethnic and economic background.	
	<ul style="list-style-type: none">• Scottish household survey - a continuous survey	
	based on a random sample of the population	
	<ul style="list-style-type: none">• Civil registrations, births & deaths these also	
	provide an up to date count between each	
	census	
	<ul style="list-style-type: none">• Visa applications, to see who is applying to	
	come to the country	
	<ul style="list-style-type: none">• NHS records in the UK provide medical records	
	which can also be used, other countries have	
	their own equivalent	
	<ul style="list-style-type: none">• Use of economic data	

ENTER NUMBER OF QUESTION		DO NOT WRITE IN THIS MARGIN
	<u>Question 9</u>	
	* Amazon rainforest	
	<ul style="list-style-type: none">• Displacement of indigenous population	
	<ul style="list-style-type: none">• large scale destruction of the rainforest for economic profit	
	<ul style="list-style-type: none">• Government & Conservation groups buy land, which is then secure & protected	
	<ul style="list-style-type: none">• Use of technology such as Satellite Satellites & Photography to ensure forest is protected and that logging companies etc are following guidelines	
	<ul style="list-style-type: none">• Increased pollution• less oxygen as a result of deforestation	
	Question 10	
	Amazon rainforest	

ENTER NUMBER OF QUESTION		DO NOT WRITE IN THIS MARGIN
	<p>Question 10</p> <p>the lake district</p> <p>on the lake district</p>	
	<ul style="list-style-type: none"> • water something conflicts caused by high tourist 	
	<p>population. Difficulty with on road parking.</p>	
	<ul style="list-style-type: none"> • Farmers open fields as car parks, paid to do 	
	<p>so, so is mutually beneficial</p>	
	<ul style="list-style-type: none"> • traffic calming measures such as one 	
	<p>way roads and waiting times, but generally</p>	
	<p>ineffective as people prefer the convenience of</p>	
	<p>their own cars</p>	
	<ul style="list-style-type: none"> • litter bins were removed from remote areas 	
	<p>as they were difficult to regularly clean out,</p>	
	<p>this has had a positive effect and most people take</p>	
	<p>litter home with them as a result</p>	
	<ul style="list-style-type: none"> • hiding ^{unsightly} areas can be hidden behind trees, but 	
	<p>this is not a ^{short} long term solution as they take time</p>	
	<p>to grow. Local economy is boosted due to tourism.</p>	
	<ul style="list-style-type: none"> • money generated by tourism can be re-invested in the local area, for example, new footpaths 	
	<ul style="list-style-type: none"> • locals may be dismayed at ^{noise} the sound pollution in times of seasonal activities 	

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	Question 10: Continued	
	• trespassing may occur i.e. tourists trespassing on	
	farmers lands	
	potential increase in littering caused by tourism	

ENTER NUMBER OF QUESTION	Question 11	DO NOT WRITE IN THIS MARGIN
	the Dharavi redevelopment Project, Mumbai	
	<ul style="list-style-type: none"> • moves people out from slums into high rise apartment block. Aims to replicate the street feel. Provides planned and managed upgrades ise, for example, to sewerage. Self-help schemes provide building materials to locals to strengthen their housing and make it safer, furthermore upgrades such as adding a floors to a high rises to reduce overcrowding and provide privacy. Provides legal rights to the land. The upgraded sewerage helps fight disease ^(a cholera) by providing clean water. 	
	Question 12	
	Mumbai	
	<ul style="list-style-type: none"> • use of junctions • use of traffic lights to manage traffic flow • encouragement to use public transport, to reduce the number of vehicles on the wing roads • installation of roundabouts in place in place of junctions to allow traffic to flow more smoothly • one one way roads put in place • charge for entering the city by car, pollution charge • traffic measures such as keeping to one side of the road • car free days days i.e. on Sunday no cars allowed 	