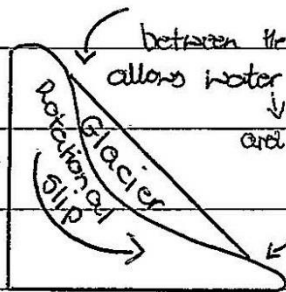
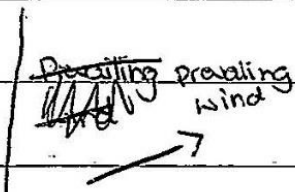

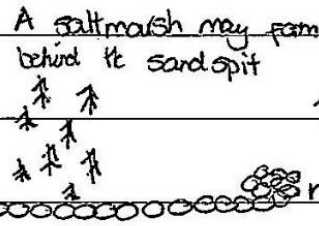


Candidate 1 evidence

ENTER NUMBER OF QUESTION		DO NOT WRITE IN THIS MARGIN
	<p>i) Snow gathers on the less sunny North and East facing Slopes. It compacts and turns to ice, known as neve, the ice moves downhill due to gravity</p> <p>Bergschrund crevasse → a gap</p>  <p>Plucking steepens the backwall of the corrie.</p> <p>Plucking is when ice freezes onto rock and pulls fragments away</p> <p>Abrasion deepens the hollow bottom of the valley. Abrasion is when rocks scrape/wear away the land (sandpaper effect)</p> <p>Rotational slip → the slow circular downward movement of ice due to gravity.</p> <p>After glaciation melt → water fills the hollow to create a corrie loch or a tarn</p> <p>An example of a corrie is Red Tarn.</p>	

ENTER NUMBER OF QUESTION		DO NOT WRITE IN THIS MARGIN
2)	Constructive waves of 1-2 meters high deposit material along the coastline.	
		
	<p>The zig-zag movement of material is longshore drift</p> 	
	<p>A saltmarsh may form behind the sandspit</p> 	
	<p>Swash - material is carried at an angle towards the coastline</p>	
	<p>Backwash - material is pulled straight back out to sea due to gravity</p>	
	<p>Sandspits are most common in shallow waters with weak currents</p>	
	<p>The wind direction has changed</p>	
	<p>may have a hooked end if</p>	
	<p>An example of a sandspit is Medford spit</p>	
	<p>A build up of material, sand spit, forms when the coastline changes direction</p>	

ENTER NUMBER OF QUESTION	DO NOT WRITE IN THIS MARGIN
4(a)	
<p>At 10:00 the discharge level is at 5 cumecs, this slowly rises to about 7 cumecs at 14:00. At 18:00 it has risen again, and is now at around 25 cumecs. The peak discharge is around 85 cumecs, this happens at 02:00. There is then a steep recession limb and the amount of discharge goes to 10 cumecs at 06:00.</p>	
<p>b) There is a ^{five} minute hour difference between the peak rainfall, 12mm, at 21:00 and the peak discharge, 85 cumecs, at 02:00. This means there was a short lag time. This could be due to human intervention and there being good drainage systems. There might not be that much vegetation to absorb the water for itself. The land may be steep so the water flows faster. There might be lots of tributaries feeding into the main river. The rock may be impermeable, so water flows over it and isn't absorbed by the rock. The soil may be thin and infertile so it doesn't absorb the water for itself.</p>	

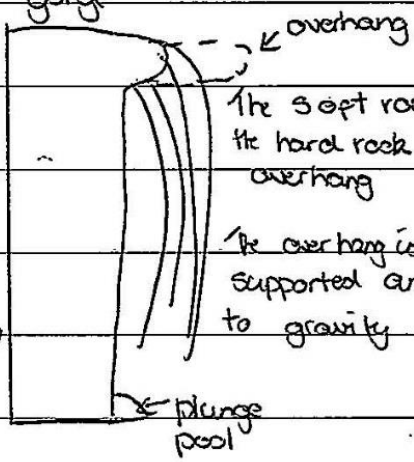
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5) Water flows over both soft and hard rock. It erodes the soft rock quicker, this is known as differential erosion.

The waterfall retreats upstream to form a

Hydraulic action erodes the rock. Hydraulic action is the sheer force of water compressing air into cracks and expanding them.



The soft rock undercuts the hard rock forming an overhang. The overhang is no longer supported and falls due to gravity.

Abrasion wears away the land creating rocks in the plunge pool. Abrasion is when rocks in the water wear away the land. Attrition makes the rocks in the plunge pool smaller. Attrition is when rocks scrape away at each other.

An example of a waterfall is Angel falls in Venezuela, it is 979 meters.

ENTER NUMBER OF QUESTION	DO NOT WRITE IN THIS MARGIN
7)	<p>The consequences are for Japan for a declining birth rates are, schools may be shut down or the amalgamation of two into one. Teachers will be needed less and some may lose their jobs. Maternity hospitals, such as Rottonrow in Glasgow, will be shut down. There will be less people to pay tax as there will be less people to work, expect working, especially doing the low paid jobs. There will also be an increase in immigration, this is not a problem, however it may cause conflict between different groups. The consequences of an aging population is that there will be more strain on health care services such as NHS, which the elderly use more. There will be increased cases of ^{may} alzheimers and dementia which requires research into finding a cure. There will need to be an increased in services for the elderly for example care homes and meals on wheels. The government will have to find more money for pensions. The retirement age will have to be increased so that people can still be paying tax so there is money for the pensions. Elderly people may also become reliant on their family.</p>

ENTER NUMBER OF QUESTION	DO NOT WRITE IN THIS MARGIN
9)	<p>In the Amazon Rainforest the impacts of rural land degradation is a cure. Deforestation destroys the way of life and traditions and culture of the Amazonians, many Amazonians have been forced to leave because their water supply has been contaminated. Some Amazonians have even been killed by violent cattle ranchers.</p> <p>The Amazon Rainforest contains thousands of unidentified species of plants, which could contain the cure for killer diseases such as cancer, malaria and HIV/AIDS. However these may have already been chopped down so we may never find the cure. Animals such as the Jaguar may go extinct as their habitats are being destroyed. Trees absorb oxygen carbon dioxide (CO₂) and release oxygen so if more trees keep being felled there will not be enough trees to absorb this CO₂, this will increase global warming. If global warming increases then animals such as the polar bear will also become extinct because the Arctic ice will melt, so their habitats are destroyed too.</p> <p>When trees are chopped down they release the CO₂ they were storing, so not only is there not enough trees to absorb the CO₂ but there is excess CO₂ in the atmosphere.</p>

ENTER NUMBER OF QUESTION	DO NOT WRITE IN THIS MARGIN
10)	<p>Conflicts caused by various land uses in the lake district are, tourists leave farmers gates open, meaning the animals can escape. Tourists also scar the landscape due to footpath erosion, destroying the beauty of the countryside. Tourists also drop litter which animals may eat and die from. Tourists may also not keep their dog on the lead so their dog can scare farmers sheep. The sheep may muck during lambing season. The military may disturb the tourists and the locals because the low flying RAF planes cause noise pollution. The military also restrict access to areas during training. Tourists may create traffic congestion when they drive to hotspot areas such as Ambleside. Tourists</p> <p>Another conflict is that tourists may abandon their car on grass verges. Another conflict is that tourists may wish to buy a second home, in that area, meaning that the house prices for the locals increase. This will also create a ghost town in winter. Tourists may disturb other tourists and the locals if they use the jet-skis on Lake Windermere as they produce noise pollution. Renewable Energy companies, such as SSE, may build wind farms which can create conflict because</p>

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As some people see there as an eyesore.

- 11) ~~11~~ Strategies used to manage housing problems in Glasgow were, building high rise flats. These were poorly built and were damp and were also unsuitable for children and the elderly. New towns, such as Cumbernauld, were built on the outside of the inner city, however this increased urban sprawl and building on the greenbelt. Council estates such as the Drumchapel were also established, but they lacked the sense of community the inner city had. Tenements were demolished as they were unwanted, this left large areas of the inner city derelict. Tenements were refurbished and renovated, this was for example in Dennistoun and Parkhill, this increased the land value of the area. Luxury apartments were also built. This also encourages young professionals into the area and increased land value, it also brought more money into the area.

ENTER NUMBER OF QUESTION	DO NOT WRITE IN THIS MARGIN
12)	In Rio de Janeiro strategies used to reduce traffic issues are,
	The Trans Carioca bus has been established, this has its own bus
	lane and speeds up travel times, it can also take people to
	the airport. It is also environmentally friendly. Bikes A shared bike
	company, called Bike Rio,
	company has also been set up and bike lanes have been
	built, this means that more people cycle. Cable Cars have been
	built as many people live in mountains and have no access
	to public transport. The subway system has been route has been
	increased so more people have access to it. Another strategy is that
	if in the lead up to the world cup and olympic games public
	transport was invested in so it will not experience as many delays,
	or break down as much.