

Candidate 1 evidence

ENTER NUMBER OF QUESTION	DO NOT WRITE IN THIS MARGIN
1a)	<p>There is a need for water management due to flood control. Diagram Q1B shows that the monthly flow of the Blue Nile is about 5200 5400 cumecs in August. This flow needs to be under control to prevent any flooding from occurring. Water management can keep the flow steady to prevent floods.</p> <p>Another reason would be drinking water needs to be available. Diagram Q1D shows the population is expected to increase to 200 million by 2050 and they will require water to survive. This means the amount of water required increases.</p> <p>Diagram Q1E shows that only 57% of the population has access to water improved water.</p> <p>The dam can store water and it can then be used for the population.</p> <p>Another need would be drought alleviation.</p> <p>Diagram Q1C shows during November to February that there is a low amount of rainfall, this</p>

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	<p>months using stored water. This ensures farmers make a profit and the population can have a steady food supply.</p> <p>Another reason would be navigation, since agriculture is common in Ethiopia products need to be transported to be sold. water management ensures the basin is safe to travel in by steadying the water flow. It This allows profits to be made and the basin could also be used for tourism.</p>
b)	<p>The three gorges dam has many consequences including socio-economic and environmental.</p> <p>A socio-economic is consequence includes the increase in standing water may cause diseases to occur. This means the water cannot be used to avoid the risk of spreading, this results in a loss of water which could impact the country.</p>

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	<p>Another consequence would be the risk of an earthquake occurring due to the pressure of the dam. This could lead to a collapse which could harm or killed residents of the area.</p>
	<p>Another consequence would be any abandoned old factories would be submerged in water as the dam would be located in the old town and a new town needs to be created. The building of a new town could take many years to complete and many residents lives are then impacted.</p>
	<p>Another reason ^{consequence} would be farming surplus scheme costs a lot of money to carry out. This may not be affordable to all.</p>
	<p>Another consequence not enough allocation reaching the lower course of the river due to the use for cruises and tours.</p>
	<p>An environmental consequence includes chance</p>

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	<p>of landslides due to little vegetation in the area. This could also put residents lives at risk. XXXXXX</p>	
	<p>Another consequence would be less water reaching the lower course of the river causing species of fish to die as they cannot survive the conditions. These species include the river dolphin. This could result in the species becoming endangered.</p>	
2(a)	<p>The energy consumption de decreased between 1980 to 1982. This is due to not everyone having products that require energy to work.</p> <p>The energy consumption increases from 1982 to 2010. This is due to more people becoming consumers to energy required products.</p> <p>The energy increases from about 176 quadrillion Btu to 250 quadrillion Btu between 1982 to 2010. This increase could also</p>	

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	to be elevated.
	The transportation of energy may cause some
	to be lost making it not very effective.
	It is not effective on days with very little
	wind. This could result in it not reaching ^{reaching}
	the demands of a country so another
	method would also need to be used.
	The building of a turbine is quite cheap
	and the site needs to be accessible
	for construction.
	Many are required to sustain a countries
	needs.
5a)	The site is located near many roads so
	customers will have easy access to it
	Diagram @5B shows that the passenger
	numbers are increasing from 50 million to
	100 million from 2015 to 2030. This shows
	the expansion would have many customers.

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	<p>The expansion would also allow many jobs to be available which increases number of employees, this is an economic impact.</p> <p>There is also a hotel located at 099 756, this would allow passengers to stay overnight and not travel far from their hotel to the airport.</p> <p>The expansion would result in construction vehicles regularly entering entering and leaving the area so pollution will be formed, this could be an environmental consequence.</p> <p>The site has improvements to bus services which would encourage passengers to leave their cars and get a bus, reducing pollution.</p> <p>Diagram Q5D shows protesters, the building of the expansion would lead to many consequences such as pollution due to more planes being used. This would result</p>

