

Essay:-

Why is Pakistan so vulnerable to climate change and water crisis?

1 Introduction

Thesis statement

2:- why Pakistan weak <sup>To</sup> in water crisis and climate change

(a) change in climate due to increasing of temperature

Why does that make Pakistan vulnerable? Temperature is increasing for the world

(b) lack of proper water management

(c) No dams construction

(d) use of fossil fuels That's cause of climate change not why Pakistan is vulnerable

(3a) use of green houses gases

(3b) solar energy elaborate

(3c) low Release of chemicals and other gases

(3d) Depletion in Ozone layer These are just causes of global warming not reason for Pakistan's vulnerability.

(4a) Increasing global temperature repeated argument

(4b) Heat waves

(4c) Power generation

Incoherent and repetitive outline. Lack of understanding regarding the topic

(4d) Dams / water mangagment repeated argument

Conclusion

Pakistan is vulnerable and most effected by sli advesse impacts of climate change and



Unstructured introduction

No significance of topic,  
no gist of outline and no  
thesis statement.

water crisis. climate change and  
water crisis is big issue for  
Pakistan now a days. The  
impact of climate change on  
Pakistan during the year 2022,  
resulting into unprecedented  
heatwave and drought in summers  
followed by the abnormal rains  
and flood during monsoon seasons.

No such paragraph in outline

The greenhouse effect is the  
main cause of global warming.

It is natural phenomenon that  
contributes to maintaining the  
average temperature of the  
earth's surface. However, the more

Irrelevant

greenhouses gases there are in the  
atmosphere, the more heat is  
retained. This eventually leads to  
global warming. The other

Discuss one argument in one paragraph

main reason is Pakistan have  
no dams of water. Due to  
lack of dams, Pakistan face  
these problems like water  
crisis and global warming,  
climate change. Fossil fuels  
are burnt on a day-to-day



basis and they contain high percentage of carbon, coal and petroleum and many other gases.

Incoherent and irrelevant

So carbon dioxide being the greenhouse gas is provided in excess in the atmosphere which again leads to global warming and water crises.

In the last half of 20<sup>th</sup> century, the use of chemical fertilizers has risen dramatically. Over the course of millions of years, the motion of tectonic plates reconfigures global land and ocean areas and generates topography. This

Incoherent and irrelevant

can effects both global and local patterns of climate and atmosphere-ocean circulation.

The Ozone layer is the layer outside atmosphere which protects the surface of the Earth from the harmful Ultra-violet and infrared radiations causing dangerous diseases like skin cancer.

Incoherent and irrelevant

Ozone layer depletion is also one of the cause of global warming



and water crisis in the whole world and also Pakistan

The global warming has led to melting of the Himalayan glaciers and consequent depletion in the flow of water into indus river system.

Incoherent and irrelevant

Last year, 20 different UN bodies had warned "water is linked to the crisis of climate change, energy and food supplies and prices, and troubled financial market."

sentence structure

If Pakistan make Dams, Pakistan easily control the water crisis problem. Kalabag dam is more important dam for Pakistan. Kalabag dam site

is located 132 miles down stream of Terbela. Its gross storage would be 6.1 maf. It would have a power generation of 3600mw.

Incoherent and irrelevant

The energy used to power, heat, and cool our homes, business and industries is the single largest contribution to global warming.



Incoherent and irrelevant

with rising temperature. It is not that only agriculture sector, the backbone of Pakistan's economy is suffering, due to depleting water supply, there is reduce power generation from the hydroelectric plants, having a devastating impact on the country's industries too. Pakistan has no control over

Incoherent and irrelevant

the nature. However, it can improve the management of water resources. Pakistan needs to address the following problems on urgent basis.

The silting of dams and barrages is a continuous process.

Incoherent and irrelevant

Due to heavy sand sediments carried by the rivers. Trabela, Mangla, and Chasma Dams have lost nearly 25% of their capacity. Traditional and antiquated agriculture techniques leads to excessive loss of water. While water intensive varieties of crops, like sugarcane and rice are cultivated.

clear



Since Pakistan required considerable time to build necessary infrastructure to divert water from western rivers to eastern rivers and their cavals on its side.

Authorities should take appropriate steps to curb the illegal extraction of water and ensure its equitable distribution.

Presently irrigation department has failed to stop the illegal theft and extraction, thus irrigation distribution system needs to be privatized through water user associations.

In addition, water now a days is supplied to farmers at a very negligible cost and that is why they do not treat water as a precious resources. Therefore there is a need to increase the water prices to make irrigation realize the importance of this asset.

Farmer organizations, water user association and private sector

Incoherent and Irrelevant



must be involved in construction, operation and maintenance of the irrigation system - Such associations are conceived in as a mechanism for creating a cooperative frame work for improvement of water resource and global warming.

Incoherent and irrelevant

Conclusion:-

no headings in an essay

The problem faced by the water sector and global warming in the country are many, acute and serious and it is also

Incoherent sentence

known that we can generate about 83 maf of more water.

At the same time, it will enable us to utilise every drop of our water for our bright future. Also Geothermal energy has been used for thousands of years in some countries for cooking and heating. It is simply power derived from the Earth's internal heat. This thermal energy is

It would have a

contained in heating rock and fluids beneath Earth's crust.

It can be found from shallow ground to several miles below the surface, and even farther down to the extremely hot molten rock called magma.

Conclusion only sums up the already mentioned information



	<b>Category</b>	<b>Total marks</b>	<b>Obtained marks</b>
<b>Content</b>	Qualitative analysis	10	0
	Quantitative analysis	10	0
	Validity & Reliability	10	0
	Relevance	10	0
<b>Language</b>	Sentence structure	5	0
	Vocabulary	5	1
	Clarity	5	0
	Command of language	5	1
	Expression	5	0
<b>Structure</b>	Outline	5	0
	Introduction	5	0
	Body paragraphs	5	0
	Conclusion	5	0
<b>Coherence</b>	Cohesion	5	0
	Coherence	10	0
<b>Total</b>			2

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