

Question #3

Pakistan is repeatedly hit by devastating floods. Critically evaluate its reasons and recommend policy options to follow.

Introduction:

The story of devastating floods in Pakistan is not new. Either the super flood of 2010, or flood of year 2022 or the flood of year 2025. Pakistan is constantly hit by the devastating floods. As Pakistan is a developing country. However, such constant floods can impact the fragile economy of the country further. However, to counter such challenge first of all one has to find the root cause of such devastating issue. These are the multifaceted reasons of devastating flood such as global warming, poor resource management, deforestation, Rapid urbanization on the water ways, heavy rains, Poor infrastructure, and Glacier melting. However, this issue can be overcome by adopting multiple measures like by addressing the issue of climate change, improvement in policies of resource management, reforestation, control on urbanization, by

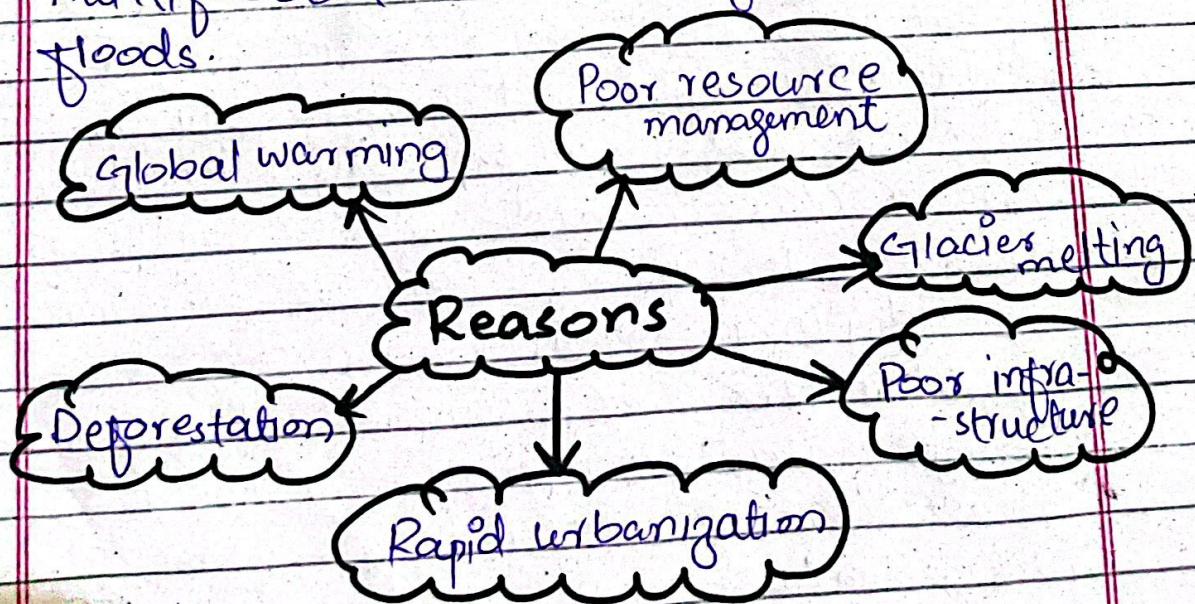
improving the quality of infrastructure, establishment of dams for the conservation of water. Therefore, by adopting such measures Pakistan can counter this challenge.

A- Reasons of Devastating floods in Pakistan:

Water is known as the blue economy of the world. However, there is a famous proverb;

“Excess of everything is bad.”

Therefore, excessive amount of water is causing the consistent devastating floods. There are the multifaceted reasons of these floods.



i- Global Warming leading the Pakistan towards vulnerability:

According to a report Pakistan contributes less than 1% in carbon emission while in the world, it is most vulnerable country and constantly hit by devastating floods due to the phenomena of global warming. The year 2025 witnessed the countrywide flood. This flood covered approximately all over the country. Its intensity is farther than the floods of 2010 and 2022.

ii- Poor Resource Management:

As it is previously said that water is the blue economy of the world while the mis-management can prove it as a curse. Since its inception, Pakistan is targeted by myopic policies on resource management. And now after 76th year of independence, this problem is engulfing Pakistan. Therefore, poor resource management is causing

the floods in Pakistan. Therefore, this is the major reason that the majority of the population is drowning in such devastating floods.

iii- Massive Deforestation:

To earn the livelihood massive deforestation has been taking place in the country. The country covered by the forest was approximately 4.4% but now this percentage is showing the alarming digit 2.2% which is too low. However, due to massive deforestation, Pakistan is continuously targeted by harsh weather conditions. Because the forests absorb the CO_2 which is harmful for human life and environment as well.

iv- Glaciers Melting and Devastating floods:

Pakistan is covered by the mountainous region of Himalayas, Karakoram, and Hindu Kush, however, climate change is transforming into a serious

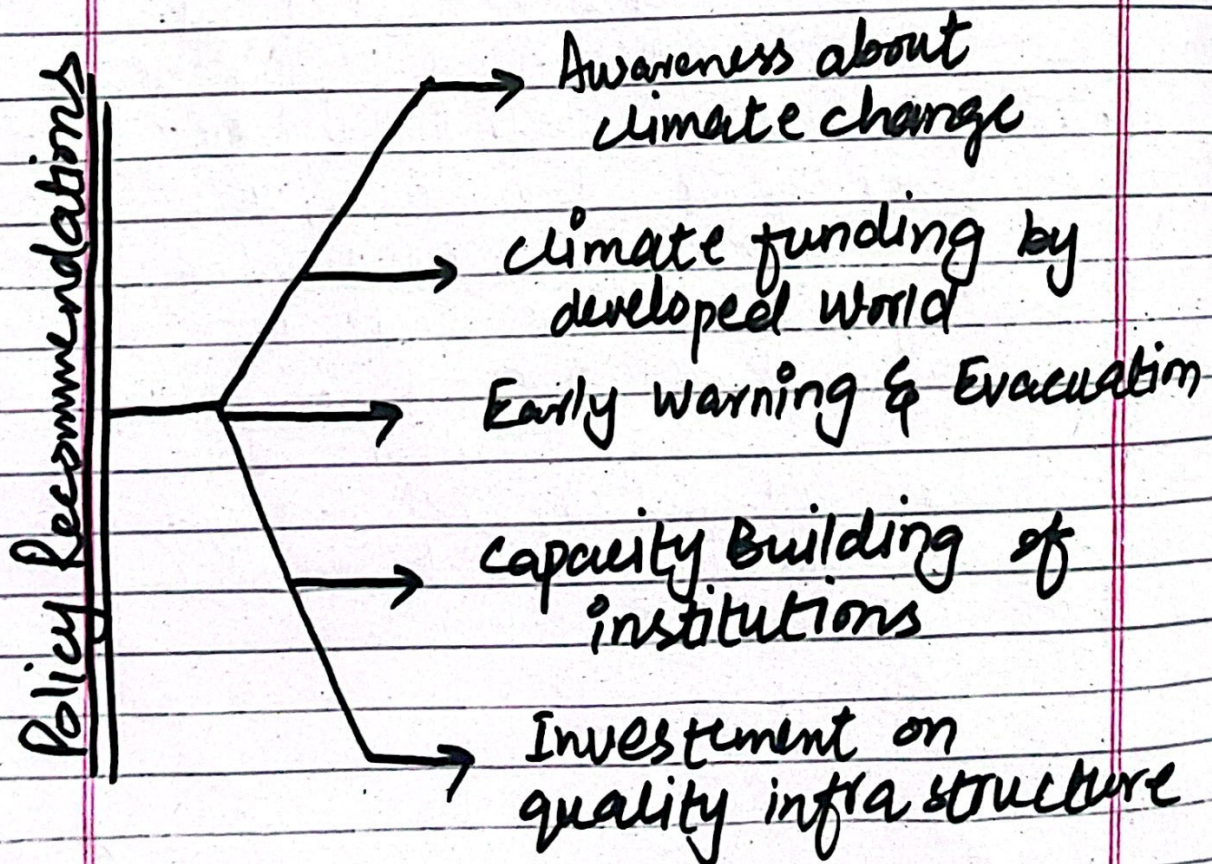
Problem. Therefore, due to this phenomena is exacerbating day to day. As Pakistan has lack of infrastructure for the conservation of water. Therefore, these poor management issues are causing the devastating floods in the country.

v- Rapid Urbanization:

Rapid urbanization is another major cause of devastating floods. People are shifting to the urban areas while the population of the country is increasing day by day. Therefore, the housing societies are expanding towards the areas of river bank. For example, encroachment of "Ravi Housing Society" in Lahore impacted by the devastating floods of the year 2025. Therefore, this is one of the significant cause of devastating floods in the Pakistan.

B. Policy Recommendations for Prevention of floods:

As Pakistan is constantly hit by the devastating floods. According to a report of National Disaster Management Authority (NDMA) Pakistan has lost 1006 lives since June 2025 while 2.2 million people displaced. However, to prevent further incidents like this Government of Pakistan should adopt the several measures.



A- Awareness about climate change:

As most of the population of the Pakistan lives in remote areas and villages. Therefore, government should spread the awareness about climate change. Because people of remote areas earn their livelihood by cutting down the trees. Therefore, this massive deforestation causes the warming global warming. Furthermore, by spreading such awareness this can trigger the phenomena of reforestation. Pakistan should launch the projects like million tusham's trees - therefore, by this devastating floods can be prevented.

B- Climate Funding by Developed World:

As it is previously discussed that Pakistan contributes less than 1% in the emission of carbon - while developed world is breaching the environmental laws for environment protection. ~~As~~ As China, America and other developed countries are

emitting heavy amount of carbon.
Therefore, these countries should provide climate funding to the vulnerable countries like Pakistan by this rehabilitation can be fast for the displaced people.

C- Early Warnings And Evacuation:

As according to a report of NAMDA there are 10006 people have lost their lives since June 2025 in devastating floods. Therefore, government should provide early warnings and evacuate the areas - therefore, this can prevent the death rate due to devastating floods.

D- Capacity Building of institution:

In Pakistan Rescue 1122 is a working limb against the heavy floods and other natural disaster. However, in every new incident every provincial government calls

calls for help from Pakistan Armed forces. Instead of doing this government should work for the capacity building of this institution. By this the process of rehabilitation can be speed up.

E- Investment on quality

Infrastructure:

As Pakistan is facing the issue of mis-management. However, repeatedly hit by devastating floods. However, government should invest the budget on quality infrastructure and creation of dam. As compared to Pakistan India has build 4000 dams since its inception. While on the time of inception there were just 300 dams which were belonged to India.

C- Conclusion:

Pakistan is hit by devastating flood constantly. Last three decades have witnessed the deadly floods. However, it has

resulted into high economic loss.
Hence, there are multifaceted
reasons of such devastating floods.
While government should ~~adopt~~ adopt
several measures by this Palestine
can overcome this issue.

Question #01

India Unilaterally held IWT in abeyance after Pehlgaam attack - critically evaluate the impacts - what policy options Islamabad must adopt to stop india from violations.

Introduction:

Indus Water Treaty from year 1960 to year 2025 is a significant example of co-operation. It has faced two major wars but still it is an exemplary agreement. But year 2025 has provided the major shift to this treaty. Because in the form of Pehlgaam attack india has found an excuse to suspend the treaty unilaterally. However, by the abeyance by Indus Water Treaty there can be several impacts on water politics of Pakistan such as india's immediate capacity to halt water flow, Threats of dry seasons, india's withholding of hydrological Data Jeopardizes, and there

and there can be strategic implications. However, Islamabad can adopt the several legal and diplomatic options to stop India from violation.

A - Holding the IWT in Abeyance:

The Indus Water Treaty contains no provision that allows for its suspension or abeyance unilaterally, because the Article XII(4) clearly states that,

"The provision of this treaty, shall continue in force until terminated by a duly ratified treaty concluded by the two governments"

However, this implies that the when both countries will be agree only on that condition the treaty can be terminated or suspended.

India may attempt to justify its action on two grounds recognized in Vienna Convention of the Law of Treaties material breach article 60 and fundamental change in circumstances. But India can not justify its actions because India is blaming Pakistan for the

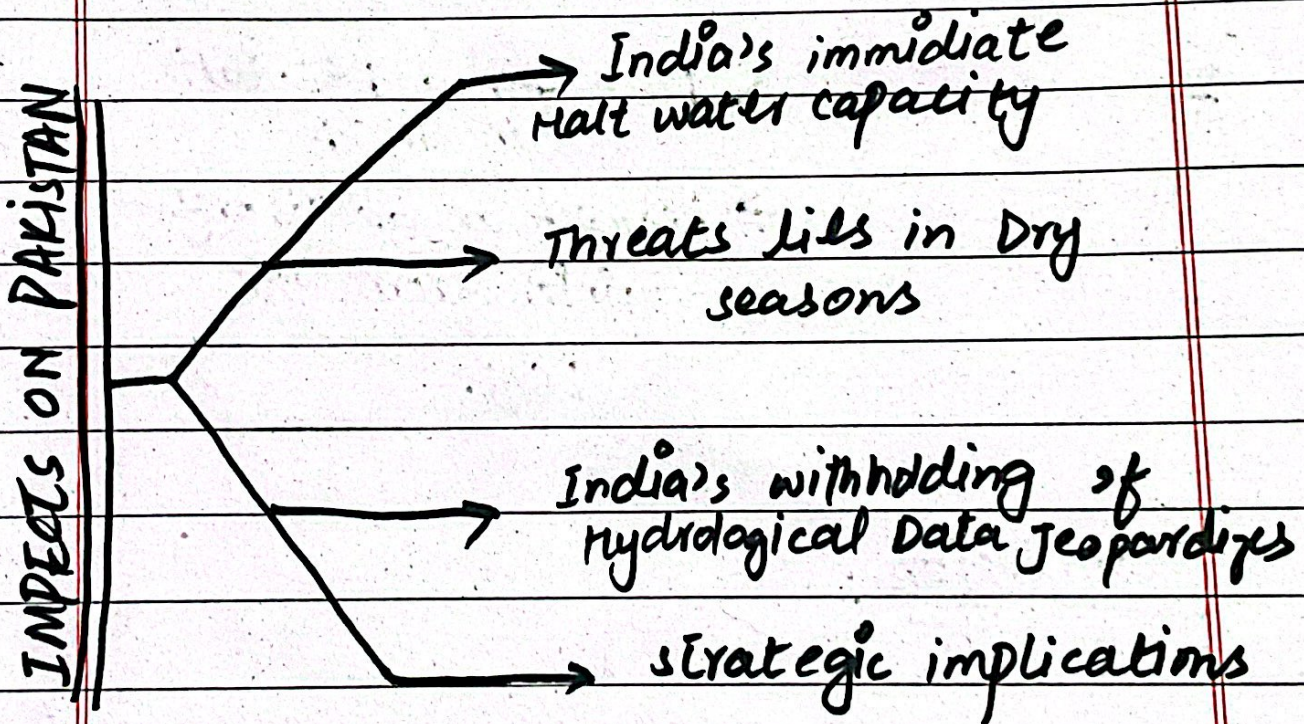
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pehlgam attack and Pakistan is denying again and again because India has no proofs to show the world -

B- IMPACTS OF IWT ABYENCE ON Pakistan

There are several impact of IWT abyence on Pakistan.



However, Islamabad can adopt the several measures which can legal and diplomatic options to stop India from violation.

What can Pakistan Do?

Legal And Diplomatic

options:

- Engagement of World Bank
- Trigger Arbitration through the treaty mechanism
- Raise the issue at the UNSC
- Push for a Resolution in UNGA
- Request an advisory opinion from the ICJ.

Conclusion:

Indus water Treaty is a significant example of cooperation between India and Pakistan. However, unilaterally, India can not held in abeyance on Indus water Treaty. Hence, there can be several impacts on Pakistan and Pakistan can adopt legal and strategic measures to stop India from the violations.