

جب word پورا line نہ آئے تو کیا دوسری لائن پر پورا لکھیں یا ( ) سے جوڑیں

Q1

Pakistan is water scarce country. How a disputes over water between India and Pakistan is taking a new birth - under violation of IWT? What are main causes of water shortage in rivers? Highlight possible implications on Pakistan. Give suggested recommendations.

Ans 1-

### Introduction

"The war of twenty-first century will be fought over water."

(~ Ismael Serageldin)

Pakistan is water scarce country and in the 21st century, it is become a critical problem for Pakistan. According to recent updates, India



is violating the Indus Water Treaty (IWT). This is due to by several actions taken by India, such as construction of dams and barrages. As a result Pakistan is facing a water problem. Therefore, Pakistan needs to take remedial measures to address this issue:

2- Water conflict between

India and Pakistan ~

Indus Water Treaty ~ 1960

Since creation of Pakistan in 1947, all resources were divided between India and Pakistan except water. Then, in 1960, the collaboration of the World Bank played a successful role to resolve



Water conflict between India and Pakistan. The Western rivers were given to Pakistan, while the Eastern rivers were of India. As per condition of the WB, India can not use water of the western rivers from 1960s to 1980s. Onward 1980s, India is allowed to use water of the Western rivers, only 10 pc for Hydal generation. (The World Bank, 1960).

But, India is not allowed to built dams in order to only when it diverts flow of water to Pakistan. Hence, the IWT is a successful international treaty.

3- Dispute between India and Pakistan is on new birth



As per recent updates  
India is violating the IWT.  
According to Indian media  
leakage, India wants amend-  
ment in IWT. Article  
12(3) permits for amendment  
India has given 90 days  
to Pakistan to renegotiate  
on the amendment of  
IWT. (Save Water, 2023)

This again reminds the  
very first statement given  
in the first page in the  
war over water. Hence,  
water dispute is taking  
new birth between  
India and Pakistan.

#### 4- Causes of water shortage in rivers

“Almost 67% water  
of rivers come from  
melting of glaciers.”  
(According to the WB):



According to India, due to climate change and global warming level of water in rivers is decreased. But Pakistan argue against it and in favour of the WB-

"Climate change is only 35% contributing in water of rivers."

Hence, due to global warming, melting of glaciers are increased, so there would be increase in water of rivers, but water is decreased.

Following are main causes of decline of water in rivers:

a) Construction of Dams

by India

India is violating IWT by constructing several dams on the



western rivers, such as  
Kishan Ganga, Ratlee,  
Bughr, Ratlee etc.

"The height of Kishan  
Ganga dam is  
more than 33 feet  
than allowed height."  
(~ World Bank)

This is a main cause  
of decline of water in  
rivers.

b) Construction of barrages and  
spillways on mainstream

Along with dams, India  
has built many barrages  
and spillway that divert  
flow of water. e.g Muller  
barrage is a clear example  
of it. Thus, the decline  
in water is due to structural  
violence rather climate  
change.

5-

## Implications on Pakistan

Pakistan's almost agriculture, domestic and industrial dependency is on the western rivers.

80pc agriculture, 25-30pc domestic needs, and 30pc industrial needs. So, it has severe implication on Pakistan.

### a) Agriculture damage or shortage yield

Pakistan is an agriculture country. About 19pc contributor in economy. (Economic Survey) and 80pc is dependent on river waters. Hence, it will not be good for Pakistan's agriculture.

### b) Food insecurity due to



## Shortage of crops

Pakistan is the most climate change affected country. Along with climate change, violation of IWT will also affect our country's economy. According to International Fund for Agriculture and Department (IFAD), Pakistan is a severe food insecurity country, needs 1.5 million (for people) support, especially in rural areas to eradicate poverty. Hence, IWT has a very bad impact on Pakistan's economy.

## c) Rupture of diseases

Due to poor growth, Pakistan will severely face health issues. malnutrition has severe impacts such as poor mental health. In Pakistan, one-eighty



people face severe mental disorder. (Physical health of mental illness - 2023). Thus, water scarcity would result multiple problems in Pakistan.

## 6- Pakistan needs to take immediate measures to save water

Following are recommended measures that must be taken by Pakistan:

### a) Construction of dams

Pakistan needs to build water bodies to save water. Kalabagh dam and Diamer Beshi dams; 80pc has



stopped India from violation of JNT.

b) Use the international platform to avoid nuclear war

Pakistan needs to use all sources of the international platform to avoid nuclear war.

“If there will be war between India and Pakistan, it will be a nuclear war.”

According to Geneva Conference, India can not violate JNT. Now, Pakistan should use such a platform.

7) Conclusion

“To save water before it gets too late.”



As per recent  
update of the UN,  
Pakistan is "critical  
water insecure  
country."

Pakistan has been  
facing a water shortage  
issue from few past  
decades. It is due to  
violation of IWT by Indus.  
But, by taking certain  
steps Pakistan can  
save future of water.