

Q,

No doubt Pakistan is water scarce country. What are main reasons for which Pakistan needs to build dams?

Ans -

Introduction

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

(~Ismael Serageldin)

Pakistan has been facing a severe water deficit problem. ~~Since~~ the shortage of water has several negative impacts on Pakistan's economy. However, Pakistan is rich in natural resources and can generate and save enough water by implementing its policies. Therefore, for

all these purposes, Pakistan needs to construct dams.

2-

How Pakistan is a water scarce country?

"Pakistan is a critical water insecure country."

Short water life

(~The World Bank)

Pakistan has a short water life. This impacts on its economic, social and political terms. No proper strategy of government is being followed and as a result, 25 to 26 million of water is wasted every year.

3-

Main problems of water

shortage in Pakistan

and its impacts

Impacts are not asked
Prove with manifestations that how
Pakistan is a water scared country

Following are main problems :-

a)

Short water life

Pakistan has a very short water life of 33 days. If, there is no rain fall after 33 days, it would impact life in Pakistan, especially Karachi.

According to the State Bank, Karachi needs 11 million gallons water.

As per Pakistan Bureau of Statistics, 9 out of 11 million gallon water is received by Karachi, while 2 million is stolen by "Mafis". Thus, Pakistan has a critical water shortage.

Repetition of above point, eliminate from here or above

b)

Decline in agriculture

and impact crop yield

Almost 80% of agriculture depend on river water. Pakistan's 19% of GDP is from agriculture. (Economic Survey). Due to water shortages, Pakistan imports 35% of crops in which 30% is wheat. (PBS). Thus, Pakistan's economy is badly affected.

c) Unprecedented flood across country

Pakistan has a very bad experience of floods. After 2010, flood in 2022 brought much destruction in Pakistan. Main reason because of lack of dams to store water.

Resultantly, 75 pc Karachi remained under water in 2020's rainfall. Moreover, Pakistan met Rs 600 billion loss. (Economic Survey.) Hence, lack of dams in Pakistan has affected the whole country.

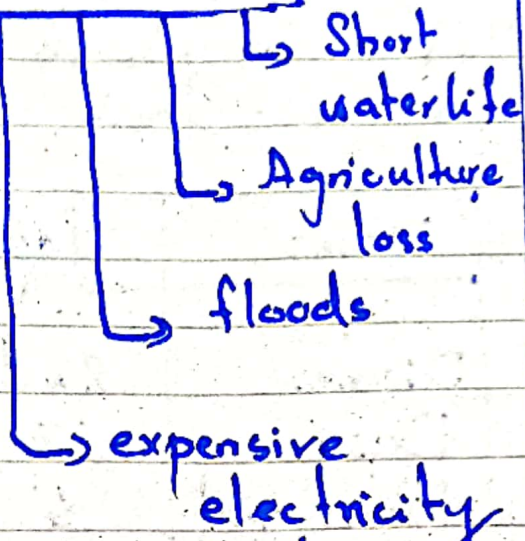
d)

Expensive electricity generation in Pakistan

Pakistan has no major dams to produce energy. Hence, Pakistan imports hydro carbon. Pakistan's 60 pc energy is produced from HC, which contributes 25 pc in budget deficit. (PBS). Thus, there are many elements of having no dams in country.

Impacts are not asked

Pakistan



• Negative implications of lack of dams,

4- Pakistan needs to
build dams and
its advantages

To overcome the water shortages

Following are main advantages of building dams in the country:

a) Increase in water life

" A country with water life of 100 days

is in safe zone.²⁰
(~ The World Bank)
Water in life in Pakistan
is a following:

Dams	days
Diamer	22 days
Dasu	18
Mohmand	5

Therefore, Pakistan
needs to increase
its water life.

b)

To save agriculture.

and improve crop

yield of Pakistan

Pakistan is an
agriculture country.
Following is a table
representation of
cultivation of lands:

Dams	land / acre
Diamer	1.3 million
Dasu	< 300 thousands
Mehmand	300 thousands

Pakistan will increase
24pc of agriculture
by this way.

(Irrigation Dept)

Hence, Pakistan needs to
focus on dams.

Explain how dams will
restore the water

To escape from floods

Following is the
list of dams capacity
to store water and to
avoid from the loss of
floods:

Link with impacts

Dam	Capacity to hold water
Diamer	10 m/feet
Dasu	1.3 m/feet

d) To generate cheaper electricity

Pakistan needs to generate energy from its local sources.

"Pakistan has a tremendous capacity to generate electricity."
(~ The World Bank)

Pakistan will generate 60pc of energy by 2030 from its hydal source:

Source	energy in megawatt
Karrote	730
Suki kensre	883
Dasu	4300
Diamer	4500

5-

Conclusion

"To save water before it gets too late..."

Pakistan has currently facing water deficit issue. However, government has not

planned to build dams that has very negative impacts. Besides, Pakistan needs to implement its policies to build more dams to save future of country.

Asj

"There is no life without water."

You have not comprehended the question well
Give proofs first indication Pakistan is a water sacred county
Then come towards necessity of building dam with special focus on how it will overcome crises and also mitigate its effects
Improve presentation by using black en for references