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Zainab Ijaz-60 Date: _____

Topic:

Water Crisis in Pakistan:

Causes and Consequences

Outline

1- Introduction

a: Hook

b: Water Crisis in Pakistan

c: Thesis statement

2- Causes of Water Crisis in Pakistan

a: Climate Change

(i) Melting glaciers and their impact on river flows

(ii) Changing rainfall patterns

b: Poor Water management

(i) Poor irrigation practices

(ii) lack of modern infrastructure result in upto 60% water loss.

c: Over population and urbanization

(i) Rapid increase in population leading to higher water demand.

(ii) Urbanization contributing to depletion of groundwater.

d: Pollution and Contamination

- (i) Industrial waste, untreated sewage, and agricultural runoff have polluted many water sources
- (ii) Contaminated water reduces the usable supply.

3. Consequences of water Crisis in Pakistan

a: Increased Frequency of floods and droughts

- (i) Severe Water shortage

b: Economic consequences

- (i) Impact on agriculture
- (ii) Reduction in food production leading to food insecurity

c: Environmental consequences

- (i) Degradation of ecosystems, rivers and wetlands
- (ii) loss of biodiversity due to reduced water flows

d: Social consequences

- (i) Water scarcity affecting rural and urban populations
- (ii) Increased poverty and unemployment

(ii) Health issues related to water contamination

4 - Conclusion

Introductory Paragraph :

"Thousands have lived without love, not one without water - W.H Auden". Pakistan is facing an alarming water crisis, with its rapidly growing population and changing climate pushing its water resources to brink. Once considered a water-abundant nation, Pakistan now grapples with water scarcity. The over-reliance on a single river system, which provides 90% of the country's freshwater supply, has left Pakistan highly vulnerable to climate variations, such as erratic rainfall and prolonged droughts. The main causes of water crisis in Pakistan are climate change, Poor water management, outdated infrastructure, over population, urbanization, pollution and water contamination. The water crisis in Pakistan is a

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pressing and multifaceted issue that has a lot of consequences. The consequences of water crisis in Pakistan are economic, social and environmental. It threatens the country's economic stability, public health, and social cohesion. The country's agriculture sector, which is heavily dependent on irrigation, suffers significantly from water scarcity, leading to reduced crop yields and threatening food security. The consequences ripple through every sector of society, from food insecurity and public health crisis to economic instability and environmental degradation. If left unchecked, Pakistan's water crisis would evolve into one of its most pressing national security threats.