

ASSIGNMENT 01: ESSAY

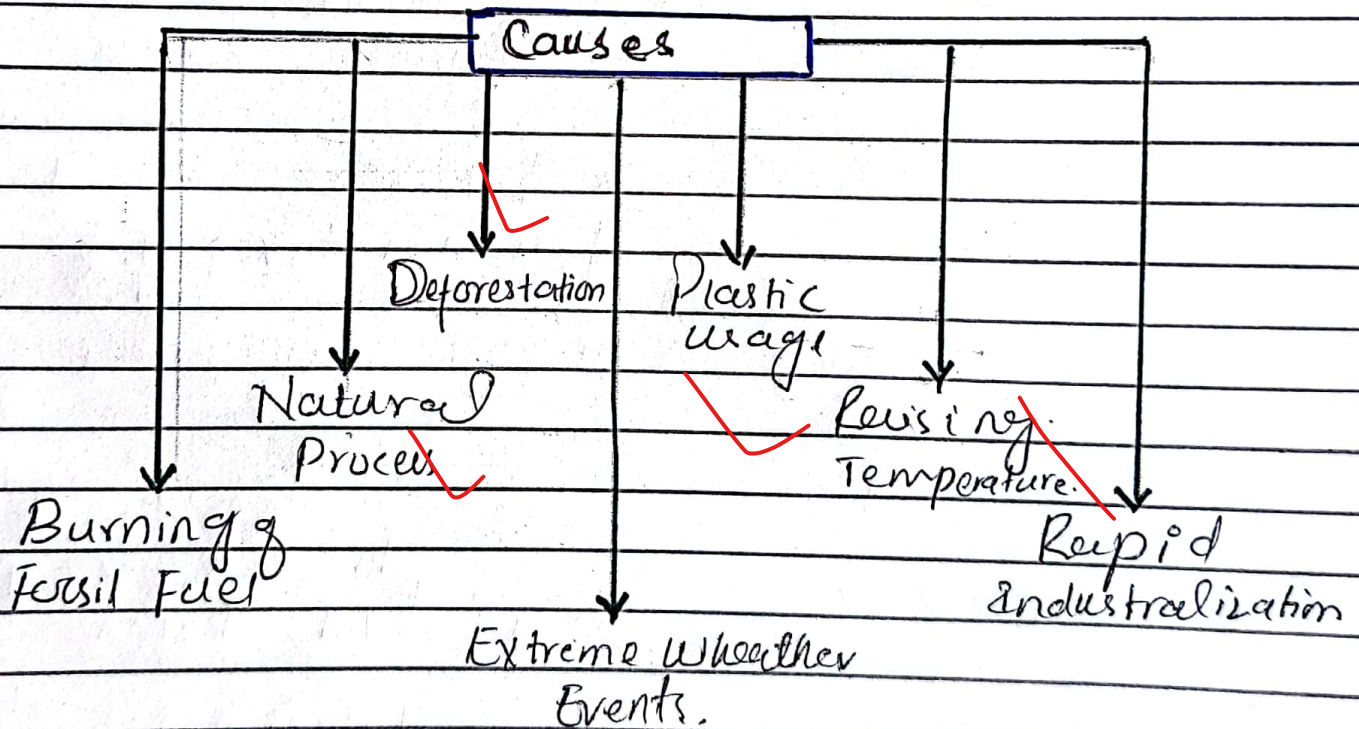
By SIR ALI SHAHAB

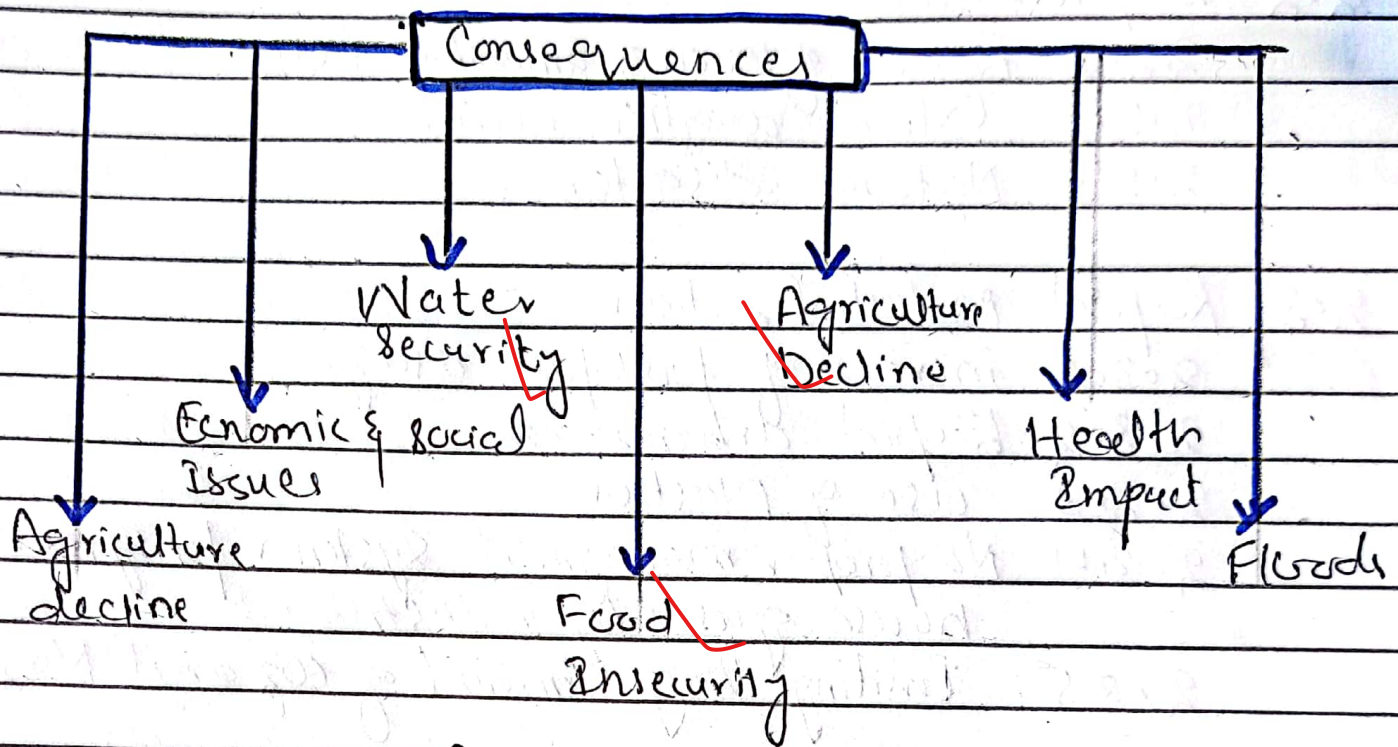
CLIMATE CHANGE IN PAKISTAN

CAUSES AND CONSEQUENCES

Brainstorm

Climate Change in Pakistan





Outline

1. Introduction

- 1.1 Attention Grabber
- 1.2 Background information
- 1.3 Thesis Statement

2- Main Body

A- 2.1 Causes of Climate Change in Pakistan

2.1.1 Raising of temperature

2.1.1.1 Green House gases

2.1.1.2 Anthropogenic activities

2.1.1.3 Pakistan geographical location

2.2 Deforestation

- 2.2.1 Release of ~~excess~~ amount of CO_2
- 2.2.2 Extreme weather events
- 2.2.3 Natural disaster

2.3 Rapid industrialization

- 2.3.1 increase of fossil fuel usage
- 2.3.2 Rapid urbanization
- 2.3.3 use of plastic
- 2.3.4 No proper management system for green house gases by industries
- 2.3.5 Emitting large amount of CO_2 and NO_x

2.4 Natural ~~disaster~~ Process

- 2.4.1 volcanic eruption
- 2.4.2 Changes in Solar Radiation
- 2.4.3 variation in Earth Orbit

B- Consequences of Climate Change in Pakistan

2.1 Water Security

- 2.1.1 Intense monsoon rains and draughts affecting availability in Indus River System.
- 2.1.2 Rise temperature leads to Himalaya Glacial melts which cause increase river flow.
- 2.1.3 Saltwater intrusion in coastal areas
- 2.1.4 Water contamination
- 2.1.5 ~~Increase water demands~~

2.2 Health issues

2.2.1 Heart Stroke

2.2.2 Waterborne illness

2.2.3 Respiratory and Cardiovascular diseases

2.3 Economic and Social Consequences

2.3.1 Agriculture heavily affected.

2.3.2 Cost of adaptation

2.3.3 Social unrest and conflict

2.3.4 Disruption traditional livelihood

2.4 Floods

2.4.1 Worst floods in Pakistan like of 2022

2.4.2 Impact on infrastructure

2.4.3 Displacement and migration

2.4.4 Socio-economic consequences

3. Conclusion

3.1 Thesis Restated, Summary of ideas presented

3.2 Concluding thought

THE ESSAY

Bill Gates on Climate change says, "Climate change is a terrible problem, and it absolutely needs to be solved. It deserves to be a huge priority." Climate change is neither a new issue nor is it a fully settled one. Developed countries are dealing ~~countries~~ with it successfully. Whereas, underdeveloped/developing countries are still struggling. Unfortunately, Pakistan is one of them. The main ~~causes~~ ^{are} behind climate change in Pakistan ~~is~~ ^{are} Rising of temperature, Deforestation, Rapid industrialization, Natural Process. ~~It~~ It has many consequences of on Pakistan which is, water security, Intensive floods, Health issues, Economic and social problems. These ~~cause~~ ^{causes} are not new in nature but their intensity is far greater in Pakistan. Unless these causes are addressed properly the issue of climate change can not be solved. These problems are not ~~dependent from heavens~~ ^{do not depend upon} but they are man made. So, serious and honest efforts are needed to solve the issue of climate change in Pakistan. Therefore the main aim of this essay is to discuss the causes behind climate change in Pakistan along with their consequences.

