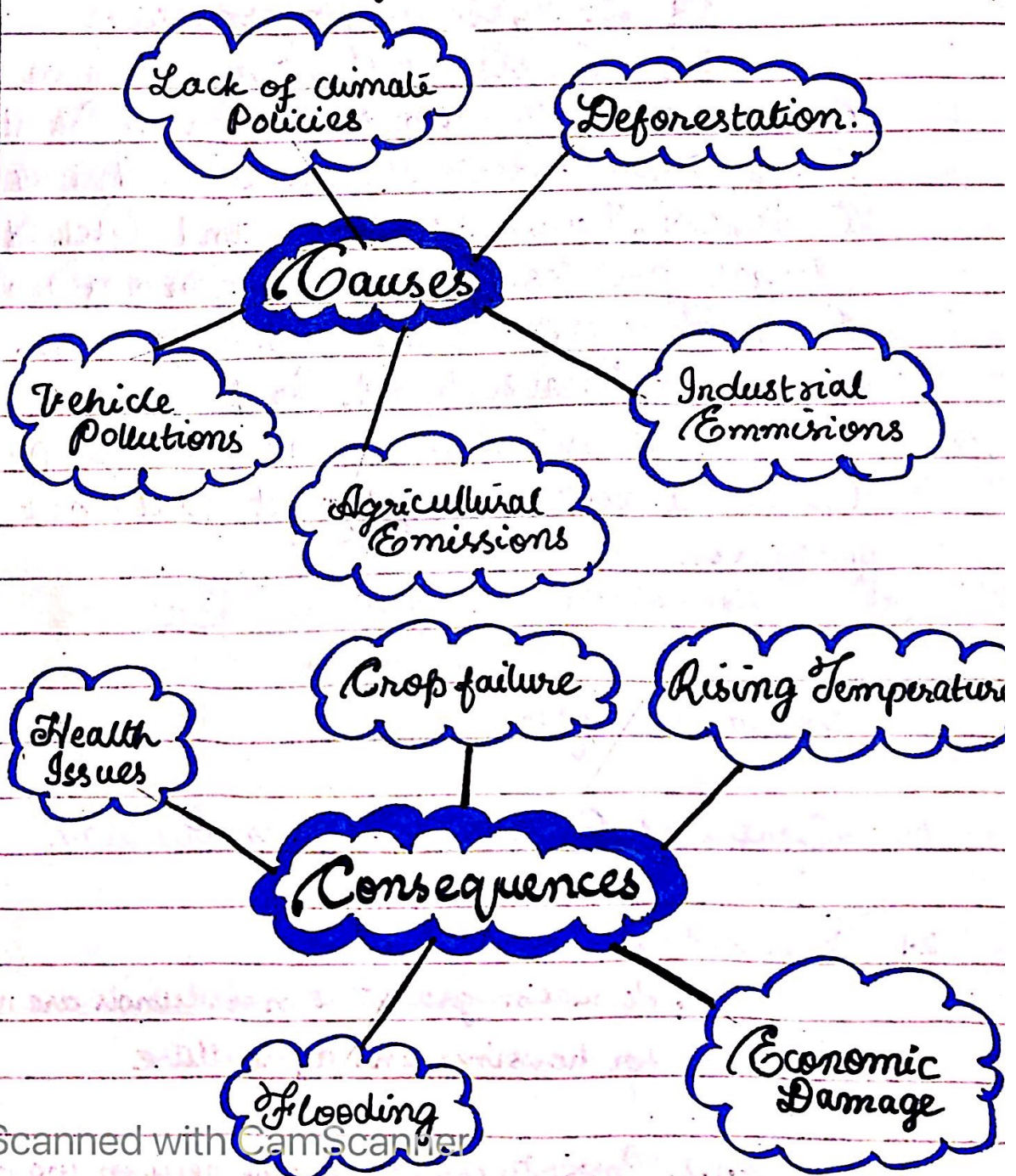


Climate change in Pakistan; Causes and Consequences

Brainstorm

Climate change in Pakistan



Outline

1. Introduction:-

1.1. Attention Grabber

1.2. Background Information

1.3. Thesis Statement: There are several causes related to Climate change in Pakistan: Deforestation, Industrial Emissions, Agricultural Emissions, Vehicle Pollutions, and Lack of climate policies. Grave Consequences are: Rising temperature, Economic damage, Flooding, Health Issues, Crop failure. If left unresolved the country will be pushed towards drastic changes and would not progress.

2. Main Body:-

A. Causes of Climate change in Pakistan.

2.1 Deforestation

2.1.1. Population growth as more lands are needed for housing and agriculture

2.1.2. Poverty as poor people rely on woods

for fuel due to lack of electricity

2.1.3. Poor implementation of environmental policies allows deforestation to continue.

2.2 Industrial Emissions

2.2.1. Dependency on Fossil fuels i.e., oil, coal, gas instead of promoting Renewable energy.

2.2.2. Many industries use outdated machinery

2.2.3. Lack of investment by government in modern, eco-friendly equipment.

2.3 Agricultural Emissions

2.3.1. Release of greenhouse gases from farming activities i.e., methane, Nitrous oxide, Carbon dioxide.

2.3.2. Overuse of chemical fertilizers and pesticides.

2.3.3. Burning of leftover crops, instead of recycling.

2.4 Vehicle Pollution.

2.4.1. Growing Population need more transportation.

2.4.2. Older vehicles produce more smoke and pollution

2.4.3. Use of low-quality petrol and diesel with high sulfur content.



2.5 Lack of climate policies

2.5.1. Lack of political will and priority

2.5.2. Lack of climate education and awareness campaigns.

2.5.3. Government allocates less budget for climate action i.e: no investment in renewable energy, sustainable agriculture or green projects.

B. Consequences of climate change in Pakistan.

2.1 Rising Temperature

2.1.1. Cities have less greenery and more heat absorbing buildings.

2.1.2. Factories and power plants release waste heat into the environment.

2.1.3 climate change has altered monsoon rainfall patterns in Pakistan.

2.2 Economic Damage

2.2.1. Water shortages affect agriculture which is major contributor to Pakistan's economy.

2.2.2. Frequent flooding due to rising temperature weakens country's infrastructure

2.3

Flooding

2.3.1. Glacial melting due to Rising temperature

2.3.2. Blocked and insufficient drainage systems

2.3.3. climate change leads to heavier rainfall

2.4

Health Issues

2.4.1. Global warming leads to increased cases of heatstrokes.

2.4.2. Warmer temperatures favours diseases like Malaria, dengue, chikungunya.

2.4.3. Poor air quality leads to Respiratory diseases like Asthma.

2.5

Crop Failure

2.5.1. Unpredictable rainfalls and prolonged droughts.

2.5.2. Excessive heat damages Crops.

2.5.3. Flooding and waterlogged soil damages root system.

3.

Conclusion

3.1. Thesis restated, summary of ideas

3.2. Concluding Thoughts.

The Essay

Barack Obama on climate change says, "We are the first generation to feel the impact of climate change and the last generation who can do something about it."

Climate change is neither a new issue nor is it a fully settled one. Developed countries are dealing with it successfully. Whereas, underdeveloped countries are still struggling. Unfortunately, Pakistan is one of them. In 2014, Pakistan faced severe environmental challenges, specially deforestation. In response to this provincial government led by Imran Khan launched "Billion Tree Tsunami project" which had goal to ~~implant~~ plant one billion trees to restore the environment and resolve the effects of climate change. The main causes behind climate change are; Deforestation, Industrial Emission, Agricultural Emission, Vehicle pollution and Lack of climate policies,

which can lead to the following Consequences; -
Rising temperature, Economic damage, Flooding
Health issues and Crop failure. Unless these
causes are addressed properly, the issue of
climate change cannot be solved and the
consequences will become more drastic and
irreversible.