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Batch: 87

"Climate change: causes and consequences."

1. Introduction: Write a short description of your

- Hook
- Background / concept of climate change.
- Thesis statement.

The major causes behind the climate change are greenhouse gas emissions, Industrial activities, deforestation, over population, and volcanic eruption and solar variation. Which result in these consequences such as melting glaciers, sea-level rise, extreme weather, floods, Migration health hazard and infrastructure damage.

2. Major causes of climate change:

A. Anthropogenic causes.

I. Excessive greenhouse gas emissions.

- Carbon dioxide
- Methane

II. Industrial activities and chemical emissions

- Burning fossil fuels (production).
- Release CFCs.

III. Deforestation.

- a. carbon absorption reduced.

IV. Over population.

- a. Increasing demand for resources

- b. Greater land use

- c. Energy consumption.

- d. Unsustainable agricultural.

B. Natural causes

I. Volcanic eruption

- a. Sulfur dioxide
- b. short term cooling

II. Solar Radiation

- a. UV Radiation
- b. IR wave traps CO₂.

unneeded

3. Consequences of climate change

A. Environmental Impacts.

I. Melting glaciers and sea-level rise

- a. freshwater shortage

- b. Sea level rise.

- c. glacial habitats face extinction.

Two separate points, cannot be in a single header.

sup math

II. Extreme weather.

- a. Natural disasters (floods, droughts and heat wave).

too broad

B. Socioeconomic impacts

I. Agricultural decline:

- a. ~~disruptions in rainfall~~
- b. causes food insecurity

Agricultural decline and food insecurity are separate arguments

II. Migration and displacement.

- a. displaced populations
- b. Damage, infrastructure
- c. Increase poverty and inequality

III. Health hazard.

- a. disease spread
- b. health expenses.

4. Pakistan and climate change

- a. Pakistan ^{vulnerable} ranks among top ten countries, climate
- b. Frequent floods (2022)
- c. economic loss.
- d. Extreme rainfall
- e. Food insecurity, poverty and social instability

5. Way forward.

- a. global Action
- b. National Action

general

6. conclusion