

## "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 eruptions 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

~~Overlaps everything~~

##### II. ~~Industrial activities and chemical emissions~~

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

### III. Deforestation:

- a. carbon absorption reduced.

b?

### 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 CO<sub>2</sub>.

unneeded

### 3. Consequences of climate change

#### A. Environmental Impacts.

Two separate points, cannot be in a single header.

##### I. Melting glaciers and sea-level rise

a. freshwater shortage

b. Sea level rise.

c. glacial habitats face extinction.

skip math

##### II. Extreme Weather.

a. Natural disasters (too broad)

floods, droughts and heatwave).

## B. Socioeconomic Impacts

### I. Agricultural decline:

- a. disruptions in rainfall
- b. causes food ~~insecurity~~ <sup>Separately</sup>

Agricultural decline and food insecurity are separate arguments

### II. Migration and displacement.

- a. displaced populations
- b. damage, infrastructure <sup>Separately</sup>
- c. increase poverty and inequality

### III. Health hazard.

- a. disease spread
- b. health expenses.

### 4. Pakistan and climate change

- a. Pakistan <sup>vulnerable</sup> ranks among ~~top ten~~ countries, climate
- b. frequent floods (2022)
- c. economic loss.
- d. extreme rainfall
- e. food ~~insecurity~~ <sup>poverty and social instability</sup>

### 5. Way forward.

- a. global Action
- b. National Action

general

### 6. Conclusion