

**Name:**

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**Batch:**

**CSS-87 2027**

**Subject:**

**English Essay**

**Assignment Topic:**

**Make an Outline of Causes and Consequences of Climate  
Change**

**Submitted to:**

**Sir Ali Shahab**

interesting  
quotation

# Outline: Climate Change – Causes and Consequences

## I. Introduction

*"I have long understood that climate change is not only an environmental issue – It is humanitarian, Economic, Health, and Justice issue as well."  
(Frances Beinecke)*

- Definition of climate change
  - Difference between climate change and global warming
  - Brief overview of its global importance
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## II. Causes of Climate Change

### A. Natural Causes

1. Volcanic eruptions
2. Solar radiation variations
3. Natural greenhouse effect
4. Earth's orbital changes

### B. Human-Induced (Anthropogenic) Causes

1. Burning of fossil fuels (coal, oil, gas)
  2. Deforestation and land-use change
  3. Industrial emissions and factories
  4. Agriculture and livestock (methane emissions)
  5. Use of chemical fertilizers and pesticides
  6. Urbanization and transportation
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## III. Greenhouse Gases and Their Role

- Carbon dioxide (CO<sub>2</sub>)
  - Methane (CH<sub>4</sub>)
  - Nitrous oxide (N<sub>2</sub>O)
  - Chlorofluorocarbons (CFCs)
  - How greenhouse gases trap heat
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## IV. Consequences of Climate Change

## A. Environmental Impacts

1. Rising global temperatures
2. Melting of glaciers and polar ice caps
3. ~~Sea level rise~~
4. Extreme weather events (floods, droughts, heatwaves)
5. Loss of biodiversity and ecosystems

## B. Economic Impacts

1. Damage to agriculture and crops
2. Loss of livelihoods
3. Increased disaster management costs
4. Impact on fisheries and tourism

## C. Social and Health Impacts

1. Food and water insecurity
2. Spread of diseases
3. Climate-induced migration
4. Threats to human health and safety

keeping in view the relevancy

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## V. Consequences for Developing Countries

- Higher vulnerability due to weak infrastructure
- ~~Increased poverty and inequality~~
- Food shortages and water stress

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## VI. Conclusion

- Summary of key causes and consequences
- Urgency of addressing climate change
- Need for global cooperation and sustainable practices