

ENGLISH ESSAY

Batch 76

Climate Change : Causes & Consequences

Outline ;

1) Introduction

1.1) Hook

1.2) Background: Although it is a global phenomenon, the most developing countries like Pakistan suffer the most.

1.3) Thesis :- Climate change, largely fueled by human activities is the most pressing challenges of our century.

2) Causes of Climate Change

2.1) Industrialization & Fossil Fuel Consumption

- Carbon emissions from industries & vehicles
- Rapid urbanization increasing energy demand.

2.2) Deforestation and Land Degradation

- Loss of forest ~~trees~~ as carbon sinks

- Large-scale logging in the Amazon and South Asia

2.3) Agricultural Practices and livestock farming

- Methane from cattle and rice cultivation
- Fertilizer overuse releasing nitrous oxide.

~~2.4) Greenhouse gases~~

2.4) Industrial waste and overconsumption

- Industrial emissions
- plastics
- overproduction

2.5) Natural climate variability

- volcanic eruption
- Solar cycles

3) Consequences of Climate Change

3.1) Environmental impact

- Rising global temperature
- Melting glaciers, sea level rise
- Extreme flood, droughts, wildfires

3.2) Economic & Developmental Consequences

- Food insecurity
- Crop failure
- Infrastructure destruction
- High disaster management costs

3.3) Socio-Human Consequences

- Health crises
- Migration and climate refugees
- Poverty and unemployment

3.4) Geopolitical and Global Consequences & Challenges

- Resource conflict, instability
- Security risks and governance issues.

4) Climate Change in Pakistan

- Ranked among world's most vulnerable countries
- 2025 floods: People were displaced
- 2022
- Glaciers melt in Himalayas → Flooding and ~~scarcity~~ scarcity
- Heatwaves in Punjab and Sindh.

5) Solutions

5.1) Global Efforts

- UNFCCC, Kyoto Protocol, Paris Agreement
- COP Summit & Climate Diplomacy
- Climate Financing & Technology Transfer

5.2) Pakistan's Efforts

- Ten Billion Tree Tsunami Project
- Hydropower, Solar & Wind Energy Initiatives

5.3) Public Awareness

- Education on Sustainable Lifestyle
- Promotion of Green Technologies
- Reduced Plastic Use
- Early Systems for Disasters
- Climate Resilient Agriculture and Water Management

6) Conclusions

- Climate Change as a Shared Global Threat
- Pakistan facing disproportionate risk despite minimal emissions
- Urgent shift toward renewable energy and reforestation
- Collective Sustainable Action equal to ~~to~~ Secure Future for ~~the~~ next generations.

Thesis : - ~~The~~ gl

The climate change, largely fueled by human activities, is the most pressing challenge of our century. Urgent international and national action is required because, despite its global repercussions, countries like Pakistan suffer disproportionately.