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Topic:

Climate change causes &  
Consequences

Outline:

1- Introduction:

Thesis statement:

Climate change is caused by excessive burning of fossil fuels, deforestation, uncontrolled industrialization and urban expansion, intensive agricultural practices and poor waste management system. These unsustainable practices leads to global warming, biodiversity loss, air pollution, food insecurity and extreme weather; yet, adopting renewable energy, afforestation, and sustainable practices can mitigate its effects and ensure environmental sustainability.

2- Causes of climate change:

(a) Excessive burning of fossil fuels.

Example: Coal-fired power plants

in China and India.

### (b) Rapid Deforestation

Example: Amazon rainforest deforestation in Brazil for cattle ranching and soy cultivation.

### (c) Uncontrolled Industrialization and Urban Expansion.

Example: Heavy industrial zones in China and India, along with traffic congestion in megacities like Delhi.

### (d) Intensive Agricultural Practices.

Example: Excessive use of chemical fertilizers and pesticides in Punjab, Pakistan; large scale rice and livestock farming in Southeast Asia.

### (e) Improper Waste Management System.

Example: Garbage dumping in rivers of Indonesia and Karachi, with plastics blocking waterways.

### 3- Consequences of Climate Change:

#### (a) Global Warming

Example: Melting glaciers in the Himalayas and rising sea levels affecting coastal cities like Karachi.

#### (b) Loss of Biodiversity

Example: Extinction of species like jaguars and disruption of local ecosystems.

#### (c) Air Pollution and Health issues.

Example: Respiratory diseases, smog, heat waves.

#### (d) Food Insecurity

Example: Irregular rainfall and soil degradation is reducing crop yields, threatening food security.

#### (e) Extreme Weather Events

Example: like floods, cloud bursting in Pakistan in 2025.

### 4- Strategies to Combat Climate Change:

#### (a) Transition to Renewable Energy

Example: Germany's Energiewende

program is promoting solar and wind energy to reduce fossil fuel dependency.

### (b) Afforestation and Reforestation

Example: Pakistan's "Billion Tree

Tsunami" project in Khyber

Pakhtunkhwa province to restore

forest cover.

### (c) Sustainable Industrial and Agricultural Practices

Example: Organic farming initiatives

in India and crop rotation

in Europe to reduce chemical use.

### (d) Effective Waste Management and Recycling

Example: Sweden's recycling program

that converts waste to energy,

drastically reducing landfill use.

### 5- Conclusion:

If we keep ignoring climate change, future generations might trade beach holidays for indoor swimming in flooded cities!

This humorous yet alarming image reflects a serious reality: climate change is no longer a distant threat. This climate change phenomenon, driven by human activities, is causing severe environmental disruption worldwide. Rising temperatures, extreme weather events, and ecosystem degradation are becoming increasingly evident, affecting both nature and human societies. Like, according to **NDMA** (National Disaster Management Authority) on August 15, 2025, a catastrophic cloudburst struck Buner district in Khyber Pakhtunkhwa, bringing over 150 mm of rainfall within just one hour. The resulting

flash floods caused widespread destruction and loss of lives.

Therefore, climate change, caused by excessive burning of fossil fuels, deforestation, uncontrolled industrialization and urban expansion, intensive agricultural practices, and poor waste management process is leading world towards global warming, biodiversity loss, air pollution, food insecurity and extreme weather events.

But still by adopting renewable energy, ~~tree~~ reforestation, sustainable practices and proper waste management system, the world can mitigate its effects and ensure environmental sustainability.

## 1<sup>st</sup> Topic:

Intolerance: Causes & way forwards

### Thesis Statement:

Intolerance arises from ignorance, prejudice, and social inequalities, but through education, dialogue, and inclusive policies, societies can promote understanding, harmony, and mutual respect among diverse communities.

## 2<sup>nd</sup> Topic:

Geo strategic Location of Pakistan: Challenges and Opportunities in the 21<sup>st</sup> Century

### Thesis Statement:

Pakistan's strategic location offers significant opportunities for economic growth and regional influence, but it also presents complex security and political challenges in the 21<sup>st</sup> century.