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BATCH: 87

TOPIC: CLIMATE

CHANGE: CAUSES AND

CONSEQUENCES

INTRODUCTION:

- Brief explanation of climate change as a global phenomenon.
- Rising global temperatures as evidence of human-induced climate change.

THESIS STATEMENT:

Climate change, largely driven by anthropogenic activities, poses severe environmental, economics, and social consequences.

ces, demanding urgent global action.

ii) UNDERSTANDING CLIMATE CHANGE

- Definition Of climate change
- Difference between natural climate variability and modern climate change.
- Role Of green house effect.

iii) CAUSES OF CLIMATE CHANGE:

A) Anthropogenic Causes

① Burning Of fossil fuel

• Carbon dioxide

emission from industries, power plants and transport

② Deforestation

All subheadings must be in the form of self-explanatory phrases or short sentences.

(9)

• Loss of Carbon Sinks

• Land use change

(3) Industrialization and urbanization

Urbanisation and industrialisation are separate arguments.

• Increased energy demand

• Cement and steel production

(4) Agricultural practices

• Methane from livestock

• Nitrous oxide from fertilizers

(5) Waste Generation

• Landfill emissions and poor waste management

(B) Natural Causes

• volcanic eruptions

• solar radiation radiations

• Oceanic currents

Discuss climate change as an issue not the scientific phenomenon

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IV) CONSEQUENCES OF CLIMATE CHANGE

1. (A) Environmental consequences

- Rising global temperatures
- melting glaciers and polar ice caps
- sea-level rise
- Extreme weather events (floods, droughts, heatwaves)
- loss of biodiversity and ecosystem imbalance.

All of these are separate arguments and should be discussed in separate paragraphs

2. (B) Economic consequences

- Damage to infrastructure
- Agricultural losses and food insecurity.
- Increased disaster management costs
- Impact on developing economies

All of these are separate arguments and should be discussed in separate paragraphs

(5)

• (C) Social and Human consequences

- climate-induced migration
- Health issues (heat, stress,

Spread of diseases

- water scarcity
- Increased poverty and inequality

(D) Consequences for Pakistan

- Floods and glacial lake outbursts
- water stress and agricultural vulnerability

- Heatwaves and urban flooding

Economic strain despite
minimal contribution to global
emissions.

v) GLOBAL AND NATIONAL Responses:

- International agreements

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(Paris agreement)

- Renewable energy transition
- Climate adaptation and mitigation strategies
- Role Of Policy, governance, and public awareness.

vi) WAY FORWARD

Shift towards sustainable development

- Investment in clean energy
- climate-resilient infrastructure
- International cooperation and climate justice
- Individual responsibility and Behavioral change

All headings and subheadings must be in the form of self-explanatory phrases or short sentences.

Discuss only 2-3 as this is not asked.

Also do not discuss all of these in one paragraph. Write separate paragraph for each suggested solution

Structure should be same throughout the outline

vii) CONCLUSION:

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- Restatement of the urgency of climate change
- Emphasis on collective global responsibility.