

SAMINA FARIAL

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, economic, 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
- ② Carbon dioxide

emission from industries, power plants and transport

B) Deforestation

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

③ Loss of Carbon Sinks

- Land use change

③ Industrialization and urbanization

- Increased energy demand

- Cement and steel production

Urbanisation and industrialisation are separate arguments.

④ Agricultural practices

- Methane from livestock

- Nitrous oxide from fertilizers.

⑤ Waste Generation

- Landfill emissions and poor waste management

⑥ Natural Causes

- Volcanic eruptions

- Solar radiation

- Oceanic currents.

Discuss climate change as an issue not the scientific phenomenon

IV) CONSEQUENCES OF CLIMATE CHANGE

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(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

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(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

② Social and Human consequences

- climate-induced migration
- Health issues (heat, stress, spread of diseases)
- water scarcity
- Increased poverty and inequality

③ 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

(b)

(Paris agreement)

- Renewable energy transition
- Climate adaptation and mitigation strategies
- Role of policy, governance, and public awareness.

vi) WAY FORWARD

Shift towards sustainable development

Discuss only 2-3 as this is not asked.

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

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:

⑦

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Est

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