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Assignment no: 01

Essay Topic:

"CLIMATE CHANGE AND ITS CAUSE AND CONSEQUENCES"

I. INTRODUCTION:

(1.) Hook:

(2.) Background:

(3.) THESIS:

Climate change, born of human-induced industrialization, deforestation and unsustainable consumption, has become the greatest threat to environmental stability, economic security and human survival. Its causes rooted in negligence and its consequences extending to every sphere of life on earth.

II. OUTLINE:

(1.) MAJOR CAUSES OF CLIMATE CHANGE:

(1.1) INDUSTRIAL EMISSION AND FOSSIL FUEL
DEPENDENCE:

- Rapid industrialization and energy demand
- Burning of coal, oil and gas emitting green house gases
- Transportation, power generation and urban growth intensifying CO₂ levels

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(2.) MAJOR CONSEQUENCES OF CLIMATE CHANGE:

(2.1) RISING GLOBAL TEMPERATURE AND MELTING ICE CAPS:

- Accelerated warming of atmosphere and oceans
- Melting glaciers, and polar ice leading to sea-level rise
- Flooding of coastal areas and habitat loss.

(2.2) EXTREME WEATHER EVENTS AND SMOG RELATED DISASTERS:

- Intensification of droughts, floods and storms
- Smog turning into seasonal menace in industrial regions
- Reduced visibility, transport disruption and public health emergencies

(2.3) ECOLOGICAL DISRUPTION AND BIODIVERSITY LOSS

- Disturbed ecosystem and vanishing species
- Ocean acidification and coral reef degradation
- Altered migration and breeding cycles.

(2.4) ECONOMIC AND FOOD SECURITY CHALLENGE

- Agricultural output decline due to heat stress and erratic rainfall.
- Damage to infrastructure from natural

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Climatic

- Rising energy cost and inflation affecting global economy

(2.5) HEALTH AND SOCIAL IMPLICATIONS:

- Spread of respiratory diseases aggravated by smog and air pollution.
- Water-borne and vector-borne diseases increasing
- Climate-induced migration, poverty and social inequality

II. CONCLUSION:

BRAINSTORM

CAUSE	CONSEQUENCES
① Burning of Fossil FUELS AND EMISSIONS	① Rising global temperature
② Deforestation	② Extreme weather events and smog
③ Methane production	③ Ecological disruption
④ SMOG AND AIR POLLUTION	④ Economic challenge
⑤ Unsustainable technology	⑤ Health and social implication