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Date: _____ Day _____

Climate Changes: Causes and Consequences

Outlines

1. Introduction:

a) Hook / Attention Grabber

b) General Statement:

c) **Thesis Statement:** Here are several causes of climate changes including natural and human driven causes and consequences of climate changes on human health, economy, biodiversity, society, natural resources and environment.

2. Main Body:

(i) Causes of Climate Changes

(a) Natural Causes:

- Volcanic Eruptions
- Variation in Solar Radiations
- Tectonic Shifts
- Changes in Earth's orbit

(b) Human driven causes:

Burning of fossil fuels

Deforestation

Agriculture and livestock production

Use of fertilizers

- Industrial processes and manufacturing
- Transportation
- Electricity Generation
- Construction
- Urbanization
- Improper Waste management and disposal
- Population growth.

(ii) Consequences of Climate Changes

(a) Consequences on health:

- Increased risk of diseases including heart and respiratory diseases, water-borne diseases,
- Bad impacts on Mental Health.

(b) Consequences on Economy:

- Damage to infrastructure.
- Increased healthcare costs.
- Impacts on Agriculture
- Loss of productivity and economic growth.
- Disruption of supply chain and trade
- Loss of tourism.

(c) Consequences on Environment:

- Rising sea level.
- Increased frequency of natural disasters
- Changes in precipitation and water cycle.
- Loss of ecosystem and biodiversity

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(d) Consequences on Biodiversity:

- Extinction of species.
- Changes in migration patterns
- Increased risk of invasive species and pests
- Loss of ecosystem services.

(e) Other major consequences:

- Social and Cultural Impacts.
- Displacement and Migration
- Conflict and Social Unrest
- Impacts on education and human development
- Increased risk of water scarcity and food insecurity.
- Increased risk of crimes (cyber attacks and data breaches).
- Increased social and economical inequality.
- Psychological Impacts

The ESSAY

The earth is crying out in pain to humans that I thought I could break you up with my cries, But you sleep as if you are in a dream. I thought I could shiver you up with my cries, But you are ignorant as if you are a fool. Climate Change is one of the most pressing issue of our time, with far-reaching consequences for our planet and its inhabitants. Major causes of climate changes include natural ~~causes~~ (which are volcanic etc) and human driven causes of climate changes, including human activities, particularly the burning of fossil fuels, deforestation, agricultural and industrial processes and urbanization. This has greatly ~~affected~~ the ecosystem, resulting in devastating impacts on human health, economy, biodiversity, environment and ^{other} many social-aspects. Globally, this issue of climate change should be addressed properly for the better future of coming generations.