

ASSIGNMENT # 01

Prepare an outline and write a thesis statement.

Climate Change: Causes and Consequences

1. Introduction

Hook

Background

Thesis statement: Natural and human-induced factors are major causes of climate change, which in turn leads to natural consequence as well as social, business and territorial threats.

2. Causes

1. Natural Causes:

a. Volcanic Eruptions

i. Release of Carbon dioxide

Date: _____

Day: _____

- b Release sulfur oxide
- c Short-term global cooling effect
- d Impact on weather pattern and rainfall.

b Ocean Currents

- a Heat transfer
- b Warm and cold currents
- c Weather extremes
- d Climate variations

c Natural Greenhouse Effect

- a Trapping of heat
- b Greenhouse gases
- c Regulation of Earth's temperature

2 Human-Induced Causes:

a Burning of fossil fuel

- a Carbon dioxide emission
- b Industrial waste and pollution
- c Transport sector

b Deforestation

- a Loss of carbon sinks
- b Increased CO₂ level
- c disruption of water cycle

Date: _____

Day: _____

c Agricultural Activities

a Methane emission

b Use of fertilizers

c Livestock farming

d Soil degradation

d Urbanization

a Land conversion

b Increased energy consumption

c Concentration of buildings
and roads

2. Consequences

a Natural Consequences

a High temperatures

b Drought and Wildfires

c Availability of fresh water

d Floods

e Sea-level rise and coastal
areas

f Biodiversity

b Social threats

a Health

b Vulnerable population

c Employment

d Education

c Threat to business

- a) Infrastructure
- b Energy
- c Agriculture
- d Forestry
- e Insurance
- f Tourism

d Territorial threats

- a Disputes over water resources
- b Loss of Land due to rising sea levels
- c Cross-border migration
- d Conflict over natural resources
- e Geopolitical tensions

3 Effects on Pakistan

- a Rising temperature
- b Glacial Melt and floods
- c Water scarcity
- d Agricultural Impact
- e Health and social challenges

4 Conclusion