

DAY: _____

DATE: _____

Areeba Safdar

Batch : 87

Climate Change: Causes and Consequences

Outline:

I. Introduction

A- Hook

B- Background

C- Thesis Statement:

Climate change is primarily driven by anthropogenic activities such as burning of fossil fuels,

DAY: _____

DATE: _____

deforestation, industrialization and urbanization which significantly increase the concentration of green house gases in the atmosphere. These causes lead to environmental and socio-economic consequences and also affect human health and weather patterns.

I. Causes of Climate Change:

1.

A. Burning of Fossil Fuels

1. Energy production and transportation
2. Carbon dioxide emission as the dominant contributor

B. Deforestation

1. Loss of carbon sinks
2. Agricultural expansion, logging, urban development.

DATE: _____

DAY: _____

C. Industrialization and Urban Growth

1. Factory emissions
2. Urban heat island effect

D. Agricultural Practices:

1. Methane emission from livestock
2. Nitrous oxide emission from fertilizers

E. Waste Generation and Poor Management

1. Methane emission from landfills
2. Open burning and plastic pollution

II. Consequences of Climate Change:

A. Environmental Consequences

1. Rising of global temperatures

DAY: _____

DATE: _____

2. Melting of glaciers and polar ice-caps

3. Rise in sea level

4. Loss of biodiversity and ecosystem disruption

B. Weather - Related Impacts

1. Increased frequency of floods, droughts, heatwaves and storms

2. Change in rainfall and monsoon patterns

C. Socio-Economic Consequences

1. Threats to agriculture and food security

2. Water scarcity

3. Infrastructure damage and economic losses.

D. Impacts on Human Health

1. Heat related illness and mortality

DAY: _____

DATE: _____

2. Spread of vector-borne diseases

3. Malnutrition and mental health issues

IV. Strategies to Combat Climate Change:

1. Use of renewable energy

Sources

2. Reforestation and afforestation

3. Waste management

4. Climate resilient infrastructure

V. Conclusion