

## outline

### 1) Introduction

a) Hook

b) Background

c) Thesis statements:

Climate change is one of the most important global environmental challenges facing humanity, with implications for food production, natural ecosystem, fresh water supply, health etc. The harmful impacts of climate change are in the form of extreme weather events like storms, cyclone, floods, droughts that are mounting in frequency and intensity.

### 2) Causes of climate changes

i) Natural causes of climate change

a) Volcanic eruption

b) fluctuations in solar radiation

c) Tectonic shifts and change in our orbit

ii) Human driven causes of climate change

Date: \_\_\_\_\_

Day: \_\_\_\_\_

(a) Carbon dioxide and Methane emission

(b) Nitrous oxide emission rising

iii) Increase in transportation

(a) Transportation's carbon footprint

(b) Cheap flights and container ships

(c) The hidden pollutants

iv) Electricity generation

(a) Fossil-Fuel power plants (coal, Natural gas)

(b) Air pollution

v) Rise in agricultural output

(a) Live Stock - The Methan Monster

(b) Synthetic fertilizers

(c) Deforestation and Land Use change.

3) Consequences of climate change

i) Environmental Impacts

(a) Extreme Weather (cloudbursts and Flashfloods)

(b) Ocean changes

(c) Ecosystem Disruption

(ii) Human Health Impacts

(a) Air Quality

Date: \_\_\_\_\_

Day: \_\_\_\_\_

(b) Diseases

(d) Mental Health

(ii) Societal Impacts

(a) Food insecurity

(b) Displacement - Climate Refugees

(c) Water Wars

(iv) Economic impacts

(a) Agriculture takes the Biggest Hit

(b) Industry Gets Shut down

(c) Infrastructure Melts

4- Conclusion