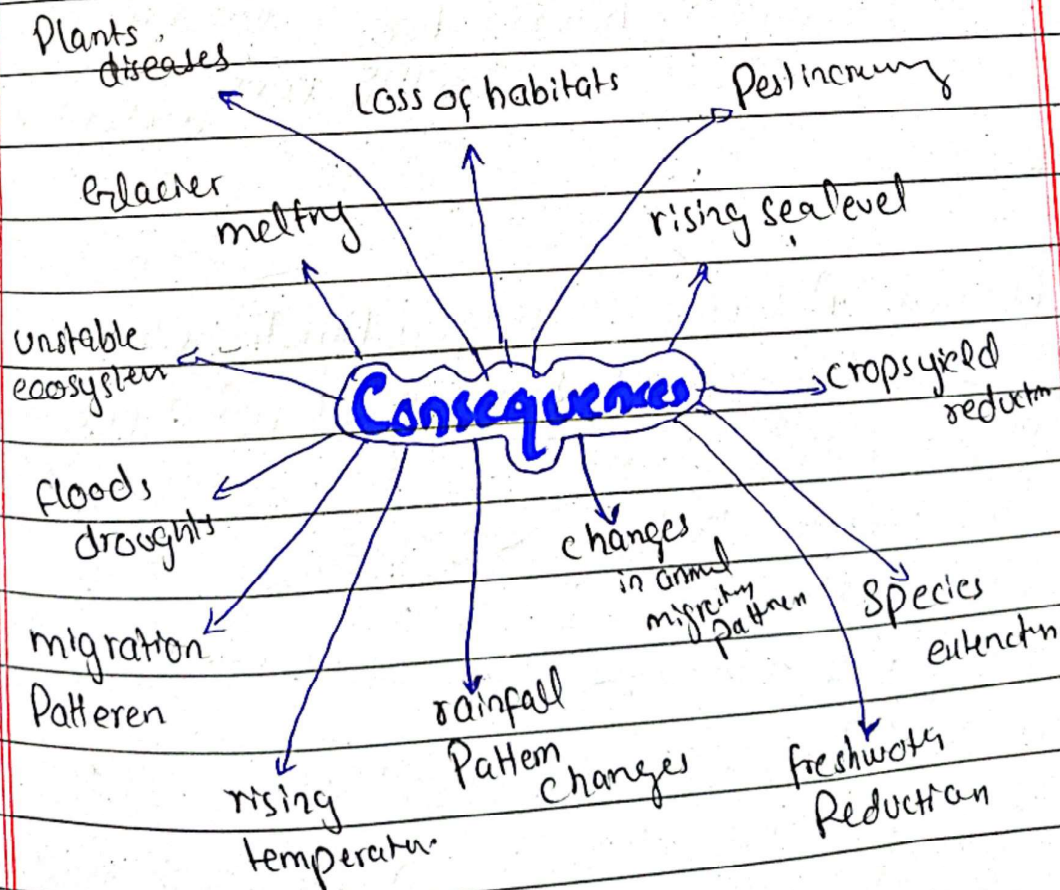
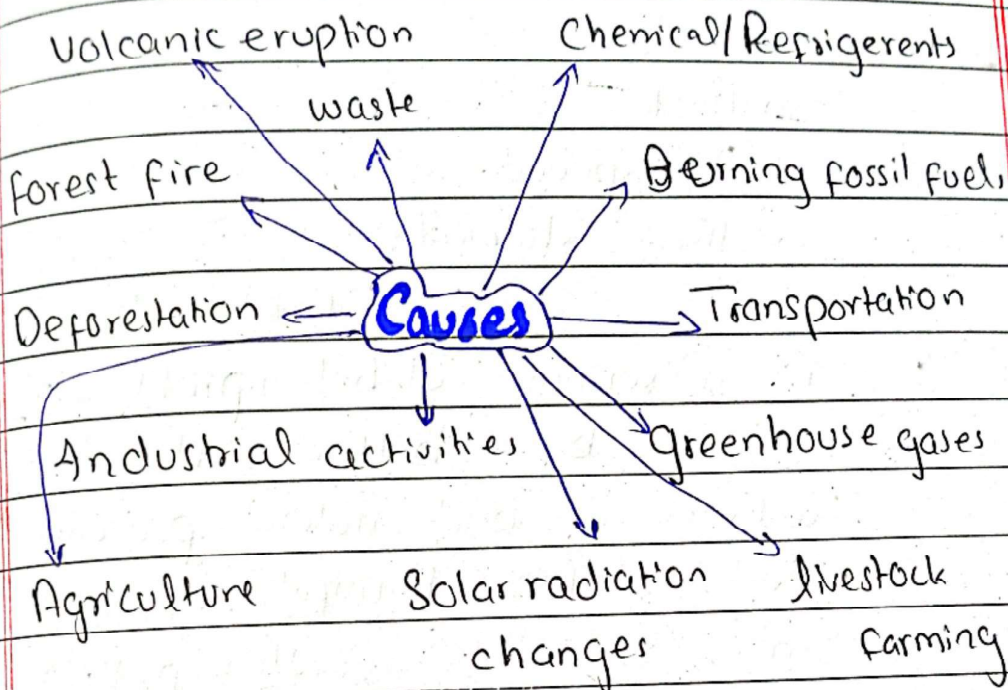


# Climate Change: Causes and Consequences

## "Brainstorm"



# Climate Change: Causes and Consequences

## Outline Of The Essay:

### 1: Introduction:

- 1.1 Hook
- 1.2 Background
- 1.3 Thesis Statement:

Climate change is a serious global problem caused by both human activities and natural processes leading to harmful effects on environment, wildlife biodiversity, weather patterns, food shortage and water scarcity.

### 2 Causes Of Climate Change:

- 2.1 Human activities causing climate change
  - 2.1.1 Transportation
  - 2.1.2 Deforestation
  - 2.1.3 Urbanization
  - 2.1.4 Industrial activities
  - 2.1.5 waste disposal and land fills.

2.2 Natural Causes of climate change:

2.2.1 Volcanic eruption

2.2.2 Changes in solar radiations

2.2.3 Greenhouse gases emission

2.2.4 Forest fires.

### 3. Consequences Of Climate Change:

3.1 Impact on environment:

3.1.1 Sealevel rise

3.1.2 Floods, storms, droughts

3.1.3 More wildfires

3.2 Impact on wildlife:

3.2.1 loss of habitat

3.2.2 changes in migration patterns.

3.3 Impact on Biodiversity:

3.3.1 Instability of ecosystem

3.3.2 Higher species extinction risk

3.4 Impact on weather pattern:

3.4.1 Rising temperature

3.4.2 Glacier melting

3.4.3 Sealevel rise

3.4.4 changes in rainfall pattern

3.5 Food shortage and water scarcity:

3.5.1 Reduce crop yield

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- 3.5.2 Increase in pests and plant diseases.
- 3.5.3 Change in growing seasons.
- 3.5.4 Reducing fresh water supply.

## 4: Wayforwards:

- 4.1 Renewable energy.
- 4.2 Reduction of deforestation.
- 4.3 Promoting afforestation.

## 5: Conclusion:

- 5.1 Concluding thoughts

# Introduction:

We are running the most dangerous experiment in history right now which is to see how much carbon-dioxide the atmosphere can handle before there is an environmental catastrophe

## "Elon Musk"

As Elon Musk warns, we are pushing earth to its limits, gambling with the stability of our climate. Climate change is neither a new issue, nor it is a fully settled one. Developed nations are dealing with it successfully, whereas developing nations are still struggling. Unfortunately Pakistan is also one of them. As of 2003, the concentration of carbon-dioxide is over 50% higher than it was before the start of industrial revolution in the late 1800's. This has become a major threat to all forms of life on earth and the situation is increasing each

passing day.

In view of devastating effects that climate change has started to have on life, the problem has been a global concern forcing attention from all the concern to bring all this information together, a global accord is adopted by nearly 200 countries in 2015 called Paris Agreement under the United Nations framework convention on climate change, which aims to limit global temperature rise to well below  $2^{\circ}\text{C}$  above pre-industrial level while pursuing efforts to keep it below  $1.5^{\circ}\text{C}$ . It requires countries to set nationally determined contributions (NDCs), reduce greenhouse gas emissions, and support climate adaptation and finance, particularly for developing nations. In contrast American President Donald Trump has expressed skepticism about climate change, often questioning the scientific consensus and arguing that international agreements like the Paris agreement disadvantage

the United States economically. During his presidency, Trump announced the U.S. withdrawal from the agreement although this decision was later reversed by subsequent administration.

The main causes behind climate change are Transportation, Industrial activities, Deforestation, Urbanisation, waste disposal and landfills. Human activities cause climate change while natural causes include volcanic eruption, changes in solar radiations.

Natural greenhouse gas emission, forest fires. These causes are not descended from heaven. They are man-made and only strong will

and determination is needed to address the issue of climate change.

Climate change is a serious global problem caused by both human activities and natural processes leading to harmful effects on environment, wildlife, biodiversity,

weather pattern and food shortage and water scarcity. These causes

can be overcome by adopting sustainable solutions such as by reducing deforestation and promoting

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afforestation and using renewable  
energy.