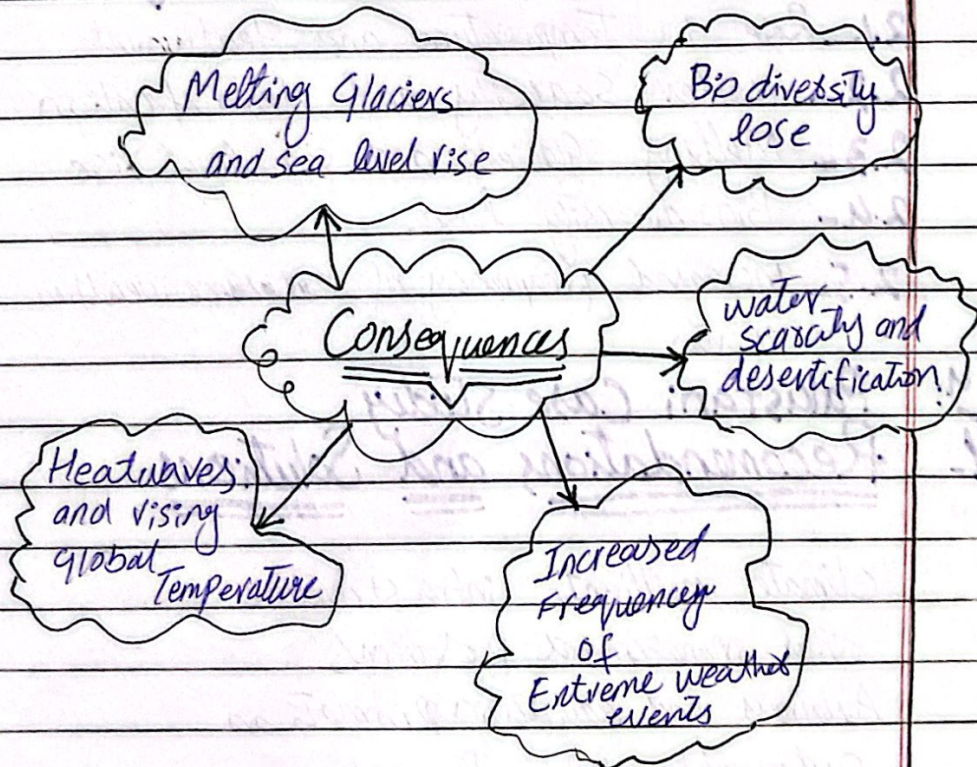
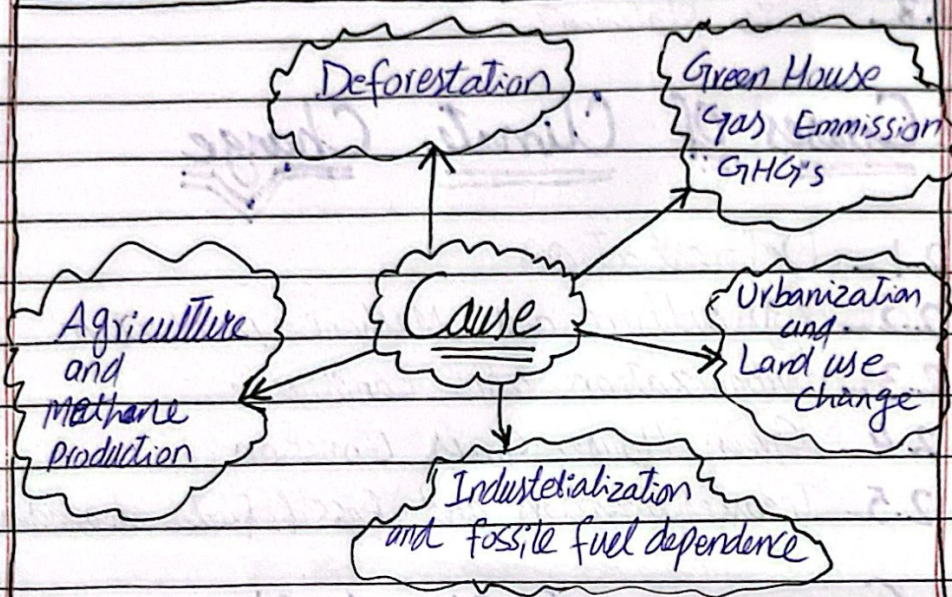


Day: _____

Date: _____

Topic: Climate Change, Causes and Consequences



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Outline

1- Introduction

- 1.1- Hook
- 1.2- Background of study
- 1.3- Thesis statement

2- Causes of Climate Change

- 2.1- Deforestation
- 2.2- Agriculture and Methane production
- 2.3- Urbanization and Land use
- 2.4- Green House Gases Emission
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3- Consequences of Climate Change

- 2.1- Rise in Temperature and Heatwaves
- 2.2- Water Scarcity and desertification
- 2.3- Melting Glaciers and sea level rise
- 2.4- Bio-diversity lose.
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4- Pakistani Case Study 4- Recommendations and Solutions

Climate resilient infrastructure
Water management Reforms
Awareness and education promotion
Sustainable Urban Planning
strengthening governance policies

6- Conclusion

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Essay

In one village, people die of thirst, and in another, people die in floods. Climate change is not discriminating but it is devastating.

On 07 April 2010, an avalanche smashed that cause burying 135 soldiers and civilians under it in the Siachen area. Despite many efforts, many bodies are still missing. This unfortunate incident reminds the phenomena of Climate Change. Climate change was unknown to the people in last century but this century, it's become the hot issue of discussion, because of its severe threat to mankind as it can cause the floods, heatwaves and biodiversity loss. It is mostly due to the mismanagement of resources and human induced factors like Green House Gases Emission can rise the Carbon dioxide in the environment that cause Climate change.

This Essay is intended to explore causes like Green house Gases, Deforestation, Agri-culture and methane production, Urbanization and Land use, Industrialization and fossil fuels dependency and its impacts on environment like rise in temperature and heatwaves, Floods and droughts, Bio diversity loss and increase frequency of extreme weather events. The world is keen to curb it by

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~~readers~~ exodus steps like relevant strengthening governance policies, resilient infra structure awareness and education promotion water management reforms and sustainable urban planning as well.

To begin with deforestation, that is the tree cutting process of people on earth is the major causes of climate change. IPCC, Intergovernmental Panel of climate change reported that more than 10 million hectares between 2015 to 2020. massive deforestation cause the rise of Carbon dioxide in atmosphere. According to the National Oceanic And Atmospheric Authority, (NOAA), the level of Carbon dioxide has increased in the atmosphere with 424 ppm. Trees act as an carbon sink. Through the process of Photosynthesis, they absorb carbon dioxide (CO_2) from air and store in their leaves, stems, roots and soil. when deforestation happen, the storage of carbon dioxide destroyed and absorb in atmosphere that cause the disruption of absorption between balance of Carbon dioxide & Oxygen production. In 2019, Amazon rainforest in Brazil faced criticism from European Union (EU) and G7 countries as 80% of Amazon forest has been deforested from previous 50 years that cause the heavy emission of CO_2 and loss to biodiversity.