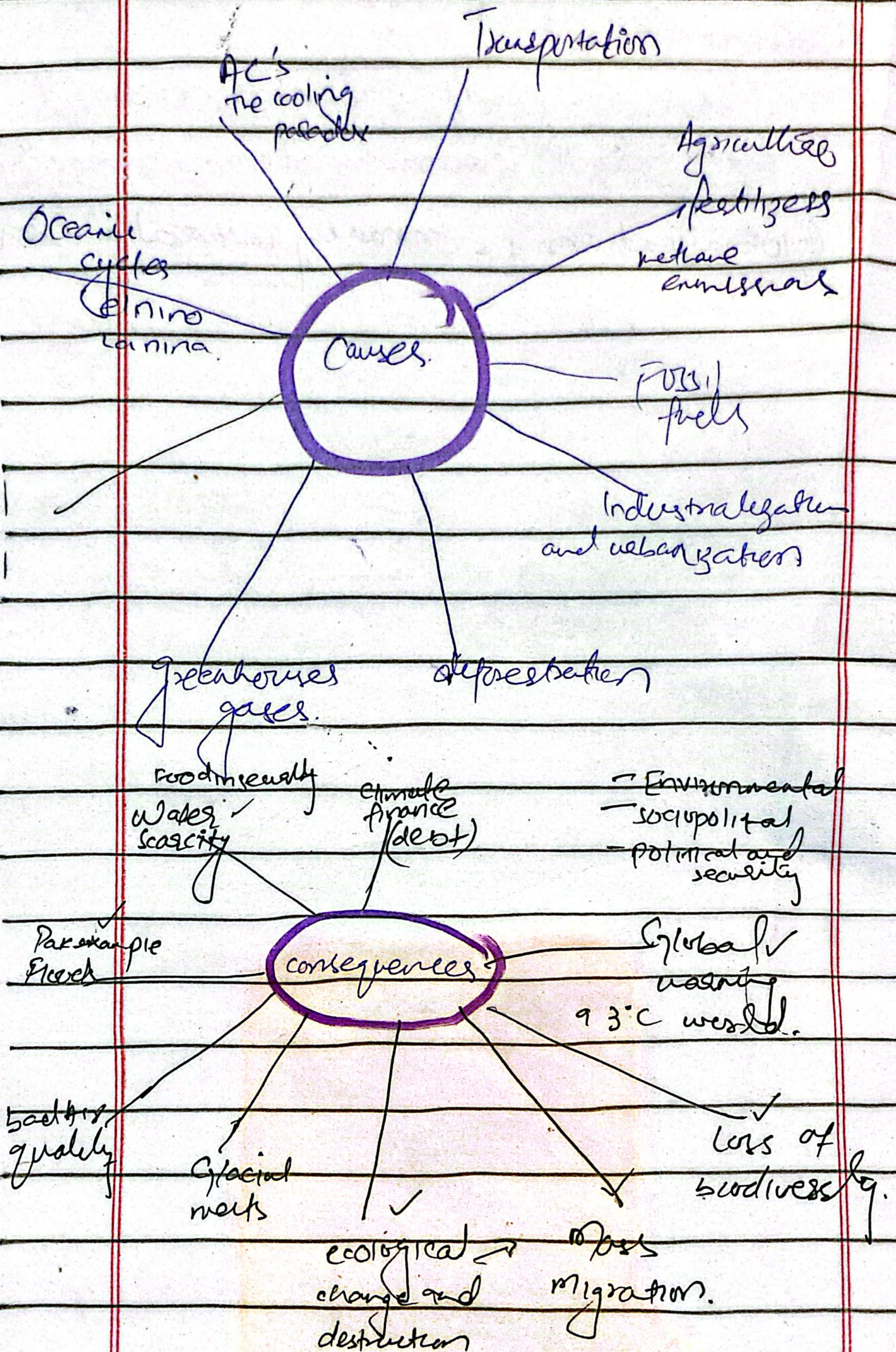


## BRAINSTORMING





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# CLIMATE OUTLINE

## CAUSES AND CONSEQUENCE

Introduction

**Thesis:** Climate change poses unprecedented threat to the world. It is primarily driven by fossil fuel consumption, deforestation, transportation and industrialization, & its consequences range from environmental ~~alteration~~ <sup>degradation</sup> to social and economic problems.

## CAUSES OF CLIMATE CHANGE

### 1. Burning of fossil fuels

- a) Global emissions for the production of electricity and heat.  
e.g. nitrous oxide and  $\text{CO}_2$  - greenhouse gases.
- b) Transition to renewable sources unpushed.

### 2. Industrialization & Mass production

- a) Manufacturing processes responsible for pollution and emissions
- b) Economies based on industry rather than agriculture



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### 3. Transportation Usage.

a) Increase in the usage of planes and ships.

e.g. Carbon footprint of Taylor Swift

b) Carbon emissions from personal vehicles and Trucks.

### 4. Increasing trend of heating and cooling appliances -

a) The cooling paradox - Rising temperatures resulting in rising air-conditioner ownership

b) Increased electricity consumption in day-to-day life.

### 5. Deforestation

a) Cutting down trees causes a release of carbon dioxide

b) Forests destroyed due to economic and population growth.



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## CONSEQUENCES

### 1. Rise in temperatures

- a) Global warming - A  $3^{\circ}\text{C}$  world
- b) Hotter climates such as Pakistan, India, Bangladesh will be uninhabitable.

### 2. Surge in natural disasters.

- a) Droughts, floods, wildfires and heatwaves.
- b) Threat to Pakistan from ecological change.

### 3. Biodiversity loss

- a) Survival of species at risk due to heat and diseases.
- b) Threat to ecosystem by chain reactions.



#### 4. Water and Food Insecurity

a) Destruction of fisheries, crops and livestock

b) Diminishing of water resources.

#### 5. Mass migration and displacement of affectees

a) People forced to leave homes.  
e.g. heatwave in Dhaka, 2024.

b) Climate refugees due to displacement.  
e.g. Flood victims of Pakistan, 2025

CONCLUSION.