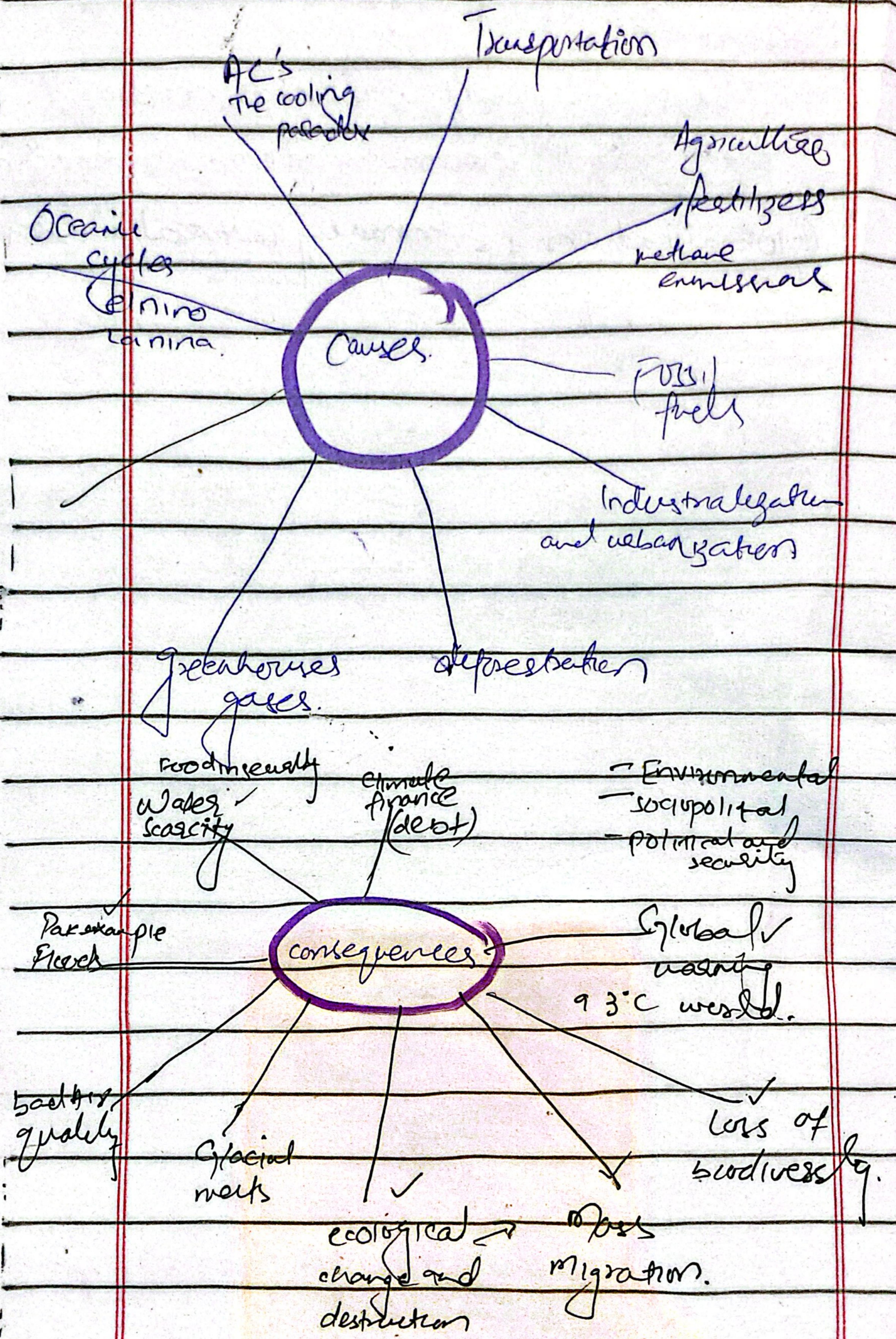


BRAINSTORMING



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 water & soil degradation 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 CO₂ - 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.

Consequences

1. Rise in temperatures

- a) Global warming - A 3°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.