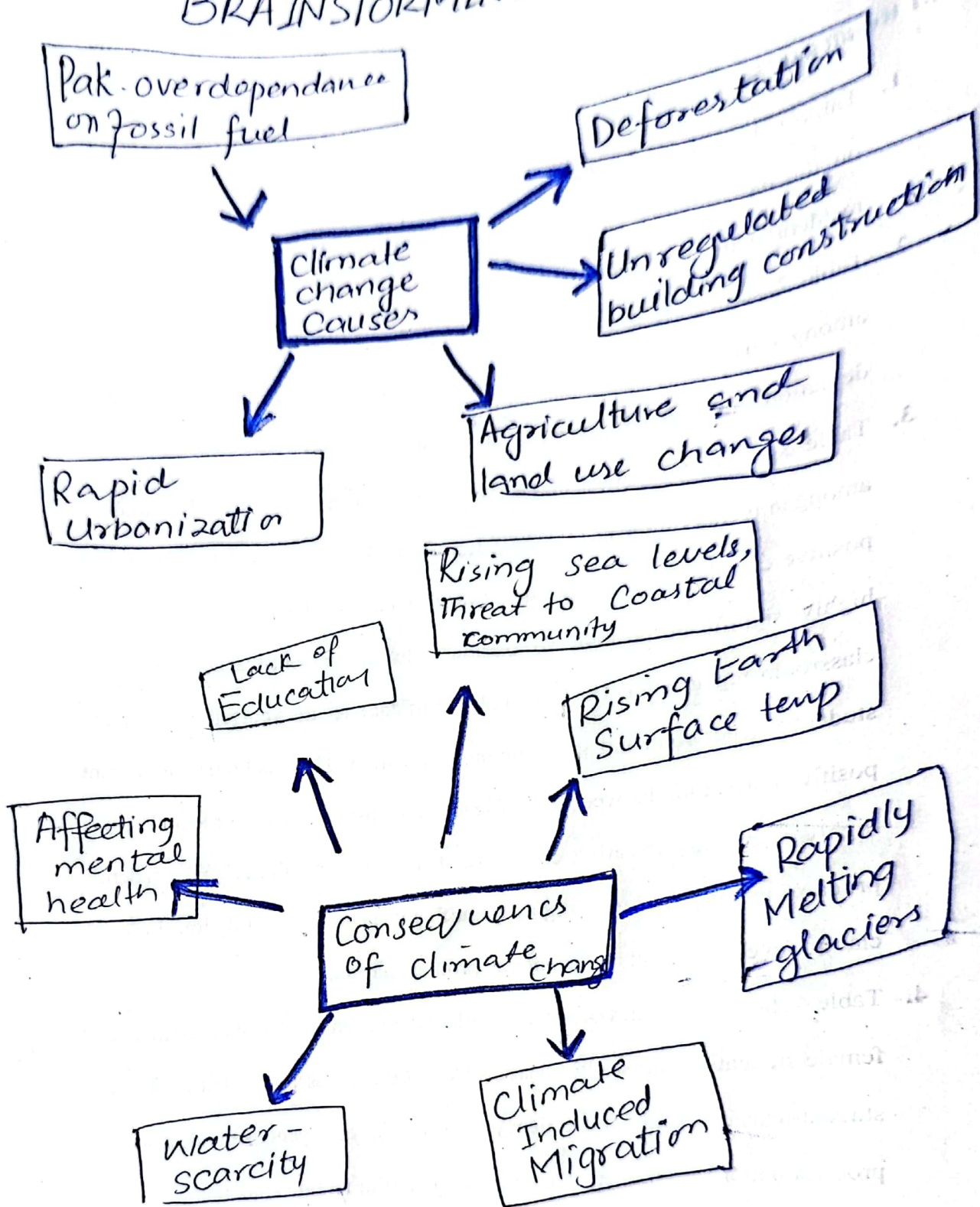


# BRAINSTORMING



Assignment: Climate change in Pak : Causes and consequences.

Outline — Brainstorming —  
only Introduction.

# Climate change in Pakistan: Causes and Consequences

## \* OUTLINE

### 1) Introduction

### 2 Causes of Climate change

Avoid spelling mistakes  
Secondly convey your ideas in a well articulated and formal way

eg Overdependence of Pakistan on fossil fuels for energy generation

2.1) Pakistan overdependence on fossil fuels  
↳ 64% energy requirement of Pakistan fulfilled from fossil fuels

2.2) Agriculture and land use changes  
↳ 66000 acres of forest lost due to land use changes & unregulated logging

2.3 Deforestation for timber purposes  
↳ deforestation at annual rate of 0.7% in Pakistan, highest in South Asia

2.4 Unregulated building construction  
↳ construction industry contribution to Green house emission is 30-40% in Pak.

Rapid Urbanization in Pakistan  
2.5) ↳ rapid urbanization in cities like Karachi and Lahore leading to higher energy consumption, contributing to air pollution and carbon emission (IPCC, 2022)

### -3 Consequences of climate change

In Pakistan

3.1) Rising Earth Surface temp

↳ Pak witnessed 0.5°C rise in temp since 1960s

Full spelling

3.2) Rapidly Melting glaciers

↳ 23.3% reduction in snowcover and 16% loss in glaciers over past 5 years in Pakistan

Give evidences in a proper way...

3.3) Climate induced Migration

↳ 8 million migrated in 2022 floods

3.4) Water scarcity

↳ Pak - 15th most stressed country in world. It will become water scarce by 2025 due to climate change

3.5) Affecting mental health

e.g. 20% to 50% people who experience extreme weather events can develop symptoms like anxiety, depression and PTSD ~ Black dog institute

Not a direct consequence

3.6) Lack of education

↳ 2m children unable to access education due to 2022 floods in Pak

3.7) Rising sea levels, and a threat to coastal community.

↳ Rising sea level could displace over 216m people by 2050 globally. mainly those near coastal region

No thesis statement  
Follow proper sentence structure



## Introduction:

"The world is on fire. This is not a metaphor"

Directly integrate the quote into Introduction para

Since the industrial era, world has witnessed a surge of  $14.7^{\circ}\text{C}$  in Earth's temperature as a result of human activities. This global warming is being felt all across the world and Pakistan is no exception. Climate change refers to long-term changes in temperature and weather patterns primarily due to human activities. Despite Pakistan's less than 1% contribution to global green house emission, it is facing a hard reality - that's climate change. Climate change has severely affected every part of country and proved to be an inevitable menace for it. Moreover, Pakistan is ranked as most vulnerable country to climate change (Climate Risk index, 2025) with further rise in temperature by  $1.3^{\circ}\text{C}$  to  $1.5^{\circ}\text{C}$  is being projected by 2050. This essay will explore multiple causes contributing to climate change which include Pakistan's overdependence on fossil fuels, agriculture and land use changes, deforestation for timber purposes, unregulated building construction and rapid urbanization in Pakistan. Consequences can be observed in form of rising Earth surface temperature, rapidly melting glaciers, climate induced Migration, water scarcity, degraded mental health, Lack of education and rising sea levels, a threat to coastal community.

Climate change is not just threat to environmental security but economic security of a nation. We can't address