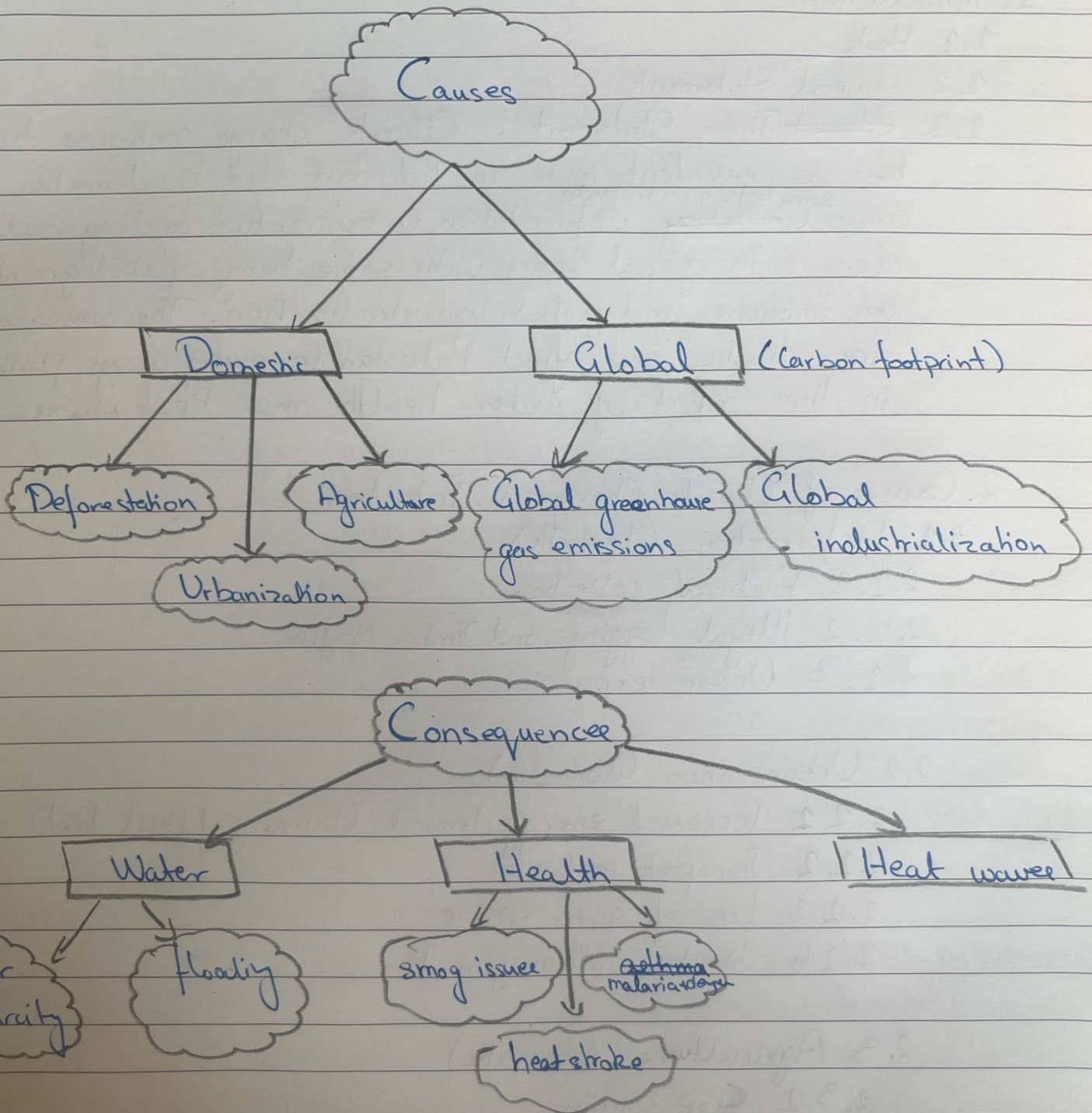


Assignment # 1

Climate Change in Pakistan: Causes and Consequence



Outline:

1. Introduction

1.1 Hook

1.2 General Statements

1.3 ~~Climate~~ Thesis Statement: Climate change continues to be a prevalent issue in Pakistan due to domestic causes ^{some of which include} ~~including~~ deforestation, urbanization and agriculture, along with global causes with some being global greenhouse gas emissions and global industrialization. The consequences are drastic and affect Pakistan in many ways, particularly in the aspect of water, health and heat waves.

2. Causes of Climate Change in Pakistan

2.1 Deforestation (domestic)

2.1.1 Fuelwood collection

2.1.2 Illegal logging and Timber Mafia

2.1.3 Urban expansion

2.2 Urbanization (domestic)

2.2.1 Increased energy demand (burning of fossil fuel)

2.2.2 Transport emissions

2.2.3 Loss of green spaces

2.2.4 Waste mismanagement

2.3 Agriculture (domestic)

2.3.1 Crop burning

2.3.2 Flood irrigation and water waste

2.3.3 Overuse of Chemical fertilizers

2.4 Global Greenhouse Gas Emissions (Global)

2.4.1 Carbon footprint

2.4.2 Global emitters and Pakistan's share

2.4.3 Heat-trapping worldwide

2.5 Global Industrialization

2.5.1 Short history since Industrial revolution

2.5.2 Main countries with large amounts of emission

2.5.3 Massive energy consumption and burning of fossil fuels.

3. Consequences of Climate Change in Pakistan

3.1 Water issue

3.1.1 Water Scarcity exacerbated by Indus Water Treaty issue for Pakistan additionally

3.1.2 Flooding (example of 2022 floods)

3.2 Health-related issue

3.2.1 Respiratory issue due to smog (specifically in Lahore)

3.2.2 Malaria and dengue due to water accumulation from floods

3.2.3 Heat strokes and deaths due to extreme heat. (2015 Karachi heatwave)

3.3 Heatwaves

3.3.1 Water and electricity crisis (load shedding in summers)

3.3.2 Impact on crops and livestock (droughts)

3.3.3 Urban heat Island effect

4. Conclusion

4.1 There is restated, summary of ideas

"The era of global warming has ended; the era of global boiling has arrived." These words spoken by Antonio Guterres, the UN Secretary General, at the COP 27 ring true to the global warming issue faced by the world.

As countries continue to progress in multiple fields, one field that many lack in is climate change. The effects of climate change on the world are irreversible and need serious considerations and measures to undo some of the damage done.

Climate change continues to be a prevalent issue in Pakistan, specifically, due to domestic causes, some of which include deforestation, urbanization and agriculture, along with global causes with some being global greenhouse gas emissions and global industrialization. The consequences are drastic and affect Pakistan in many ways, particularly in the aspect of water, health and heat waves.