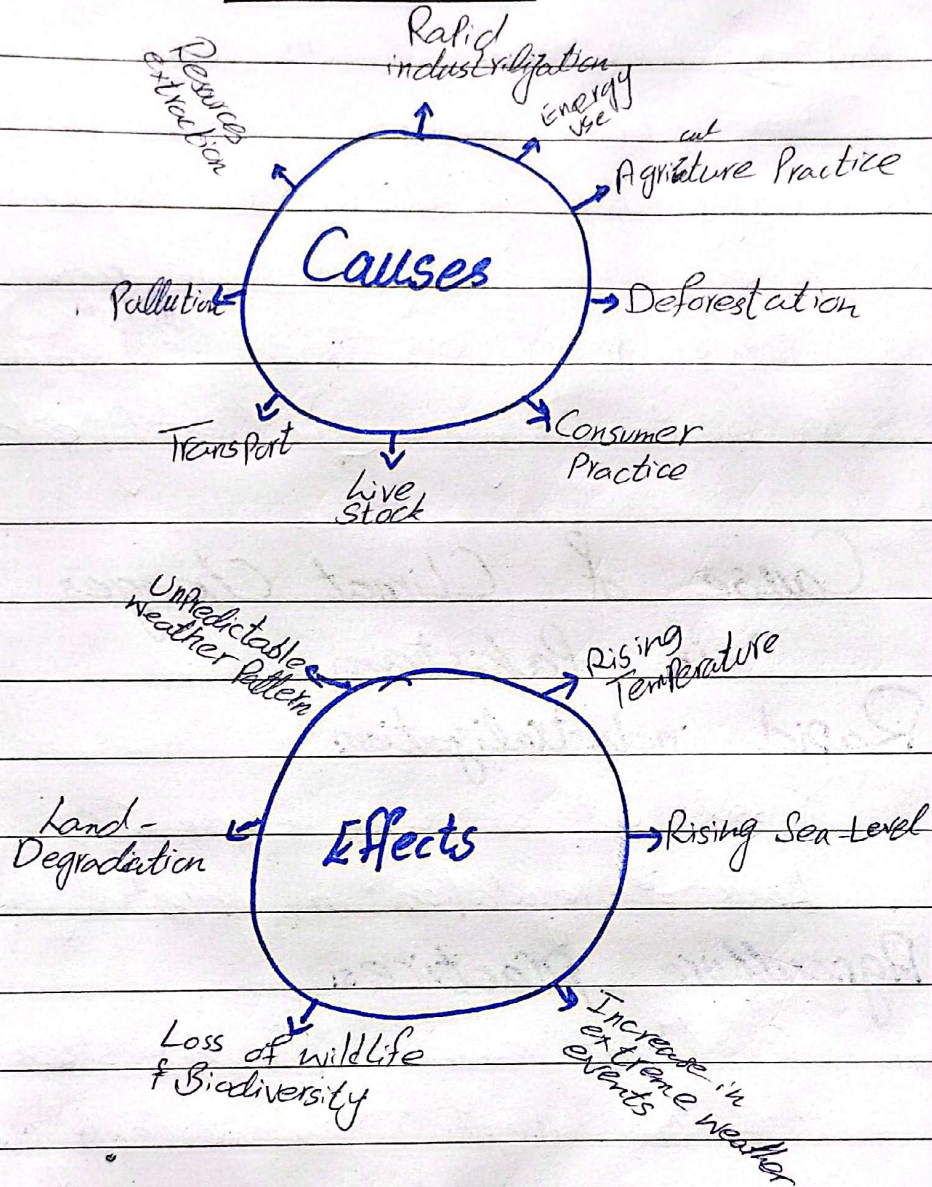


Day: Muriba (40011)

Date: _____

Climate changes in Pakistan: Causes and Effect

Brainstorm



Outlines:

1) Introduction

ook: "The country needs urgent support to adapt to the changing climate and mitigate its impacts on people and economy." (2022) Antonio Guterres

Gen. St.

Pakistan is one of the countries most vulnerable to impacts of climate change with rising temperature, land degradation, extreme weather events etc.

Thesis:

~~There~~ are several causes related to energy use, agriculture practice, live stock etc and effects are high temperature, rising sea level, extreme weather events, change in Biodiversity etc.

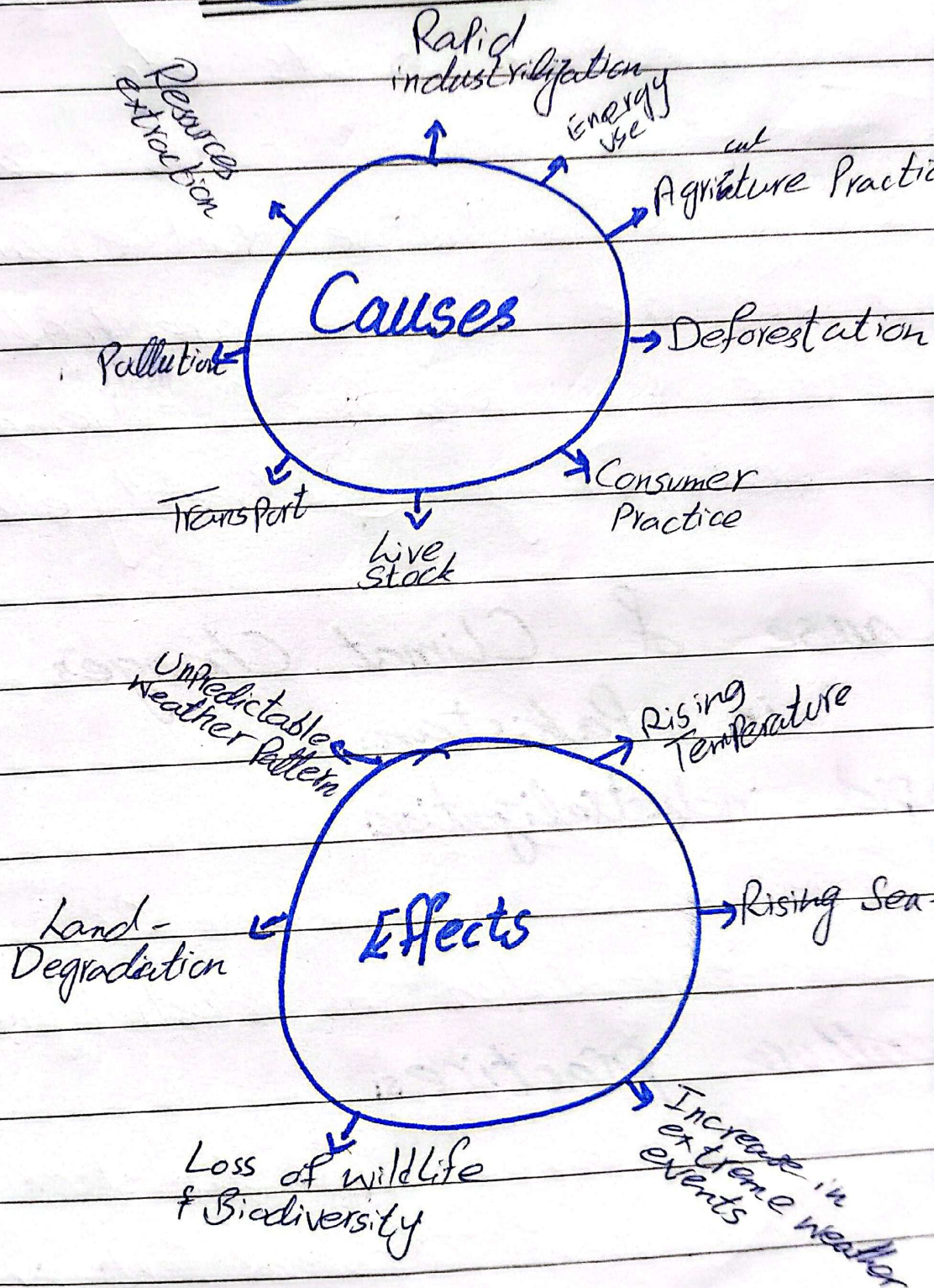
Date: _____

Muriba (40011)

Date: _____

Climate changes in Pakistan: Causes and Effect

Brainstorm



(2nd
2020)Outlines:Introduction:-Hook:-

"Climate change is no longer a distant threat; for Pakistan, it is present-day crises."

Gen. Statement:-

Pakistan despite contributing less than 1% to global greenhouse gas emissions, remains one of the most vulnerable countries to adverse effect of climate change.

From Flash floods to heatwaves, the impacts are becoming increasingly severe and frequent.

Thesis:-

Essay explore the underlying causes like Agriculture practice, Deforestation etc and effects like rising Temperature, change in biodiversity etc.

2) "Causes of Climate Change in Pakistan."

2.1 Natural and Geographical factors:

a) High-risk Climatic Zone

Day: _____

Date: _____

b) Seasoned variability

2.2 Anthropogenic (Human-induced) Factors:

- a) Deforestation
- b) industrial emission
- c) Energy sector dependency
- d) Agriculture Practices
- e) Urbanization & Transportation
- f) poor waste management
- g) Policy and Governance Gap.

2.2.1 Deforestation

- a) massive loss of forest cover due to urbanization and agriculture
- b) Reduced Carbon absorption capacity

2.2.2 Industrial emission:-

- a) Use of out dated Technologies and Fossil Fuels.
- b) Lack of regulation in industrial Zone.

2.2.3 Energy Sector Dependency:-

- a) Heavy reliance on coal, oil and gas
- b) limited adoption of renewable energy.

2.2.4 Urbanization and Transportation:

- a) Unplanned cities and increased vehicle emission
- b) Heat islands effect in urban centers

2.2.5 Agricultural Practices:

- a) Methane emission from livestock and rice paddies.
- b) Excessive use of chemical fertilizers

2.2.6 Poor Waste Management:

- a) Burning of waste releases greenhouse gases
- b) Lack of recycling infrastructure.

2.2.7 Policy and Governance Gaps:

- a) Weak enforcement of environmental laws.
- b) Inadequate climate adaptation planning.

2.2.8 Low public Awareness and education:

- a) Most communities unaware how daily action affect environment.
- b) School curricula lack robust environmental education components.

3) Effect of Climate Changes in Pakistan:

3.1 Environmental Effect

- a) Glacial melting
- b) Desertification
- c) Loss of Biodiversity

3.2 Agricultural and Food Security

- a) Declining Crop Yield
- b) Increased Pest and Disease infestation

3.3 Demographic effect:

- a) Climate induced migration
- b) Rising Temperature

3.4 Health and Human Security

- a) Spread of diseases
like Cholera and typhoid
- b) Malnutrition and Waterborn disease
due to contamination during floods.