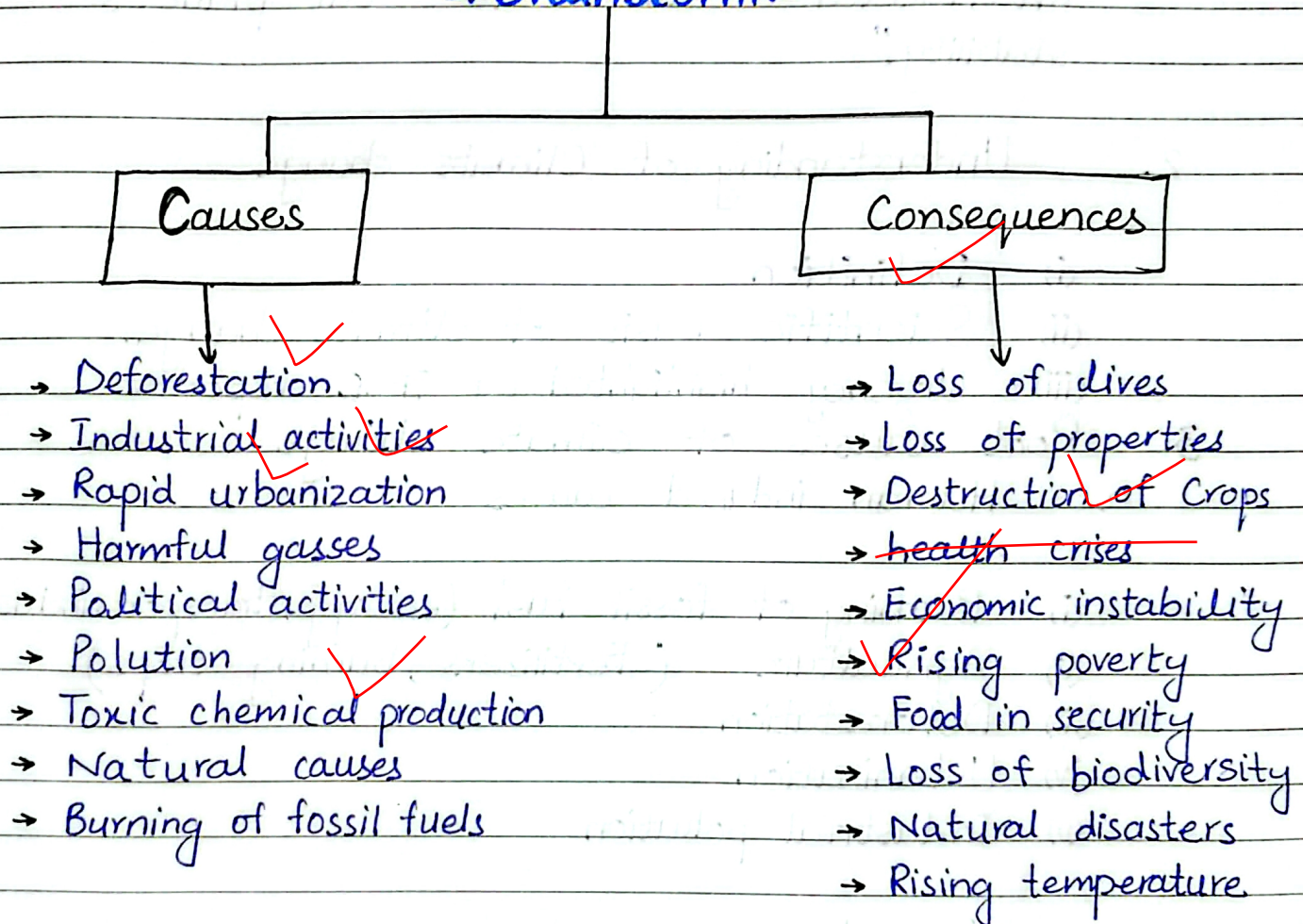


Essay:-

Date 19-Dec-2025

Climate Change: Causes and Consequences

∴ Brainstorm:-



Outlines:-

1. Introduction

- (i) Hook
- (ii) What is climate change?
- (iii) Thesis statement: "The unchecked burning of fossil fuels and rampant deforestation, urbanization and pollution"

are not only increasing global temperatures but are also disrupting vital ecosystems, threatening food security through unpredictable agriculture and causing health crises, proving climate change is a multifaceted threat to our planet's stability."

2. Understanding of Climate change

- (i) Definition
- (ii) Scientific basis of climate change.
- (iii) Urgency highlighted by IPCC reports.

3. Root causes of climate change

a. Human induced causes

- (i) Burning of fossil fuel (energy, transport, industry)
- (ii) Agriculture (Fertilizers, burning crops)
- (iii) Deforestation
- (iv) Urbanization
- (v) Industrial pollution

b. Natural causes

- (i) Volcanic eruptions
- (ii) Solar variability
- (iii) Milankovitch cycles

4. Global Consequences of Climate change

Date _____

a. Environmental Impacts

- (i) Rising temperature
- (ii) Melting glaciers
- (iii) Sea level rise
- (iv) Forest dieback

b. Economic Impacts

- (i) Agriculture destruction
- (ii) Loss of properties
- (iii) Food insecurity
- (iv) Rising Poverty

c. Health and Social Impacts

- (i) Climate migration
- (ii) Loss of lives
- (iii) Health crises (heat related deaths)
- (iv) Spread of vector-borne disease.
- (v) Water conflicts

5. Examples / Case studies

- (i) Pakistan Flood 2022
- (ii) Africa Drought (Somalia, Ethiopia)
- (iii) Europe Heatwave
- (iv) Australia Bushfire (2019-2020)

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6. Climate change in Pakistan.

- (i) Why Pakistan is extremely vulnerable?
- (ii) Climate change impacts in Pakistan
- (iii) Pakistan's contribution to Climate change.

7. How to tackle it?

- (i) Renewable energy transition
- (ii) Climate - resilient agriculture
- (iii) Water management reforms.
- (iv) Re-forestation
- (v) Urban Climate strategy.

8. Recommendations:

- (i) Climate education in schools
- (ii) Better governance
- (iii) Localized climate action plans.
- (iv) Strengthen research institution.

9. Conclusion.