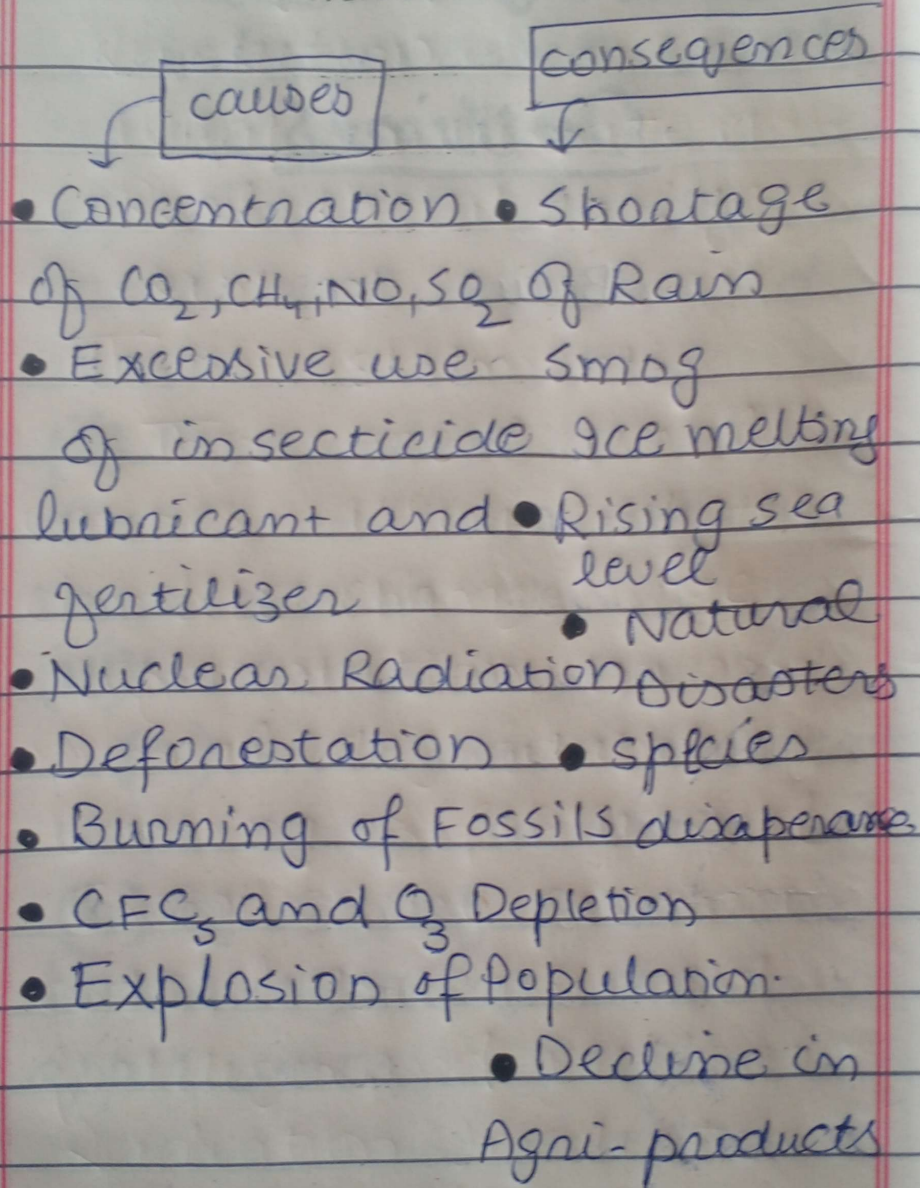


Climate changes in Pakistan ; causes & consequences:



Outlines

Introduction:

- i) Emergence of industrial Revolution.
- ii) What is climate change?
- iii) Real threat to life existent

This is statment:

There are several causes associated to climate change like Deforestation, environmental degradation, Burning of fossil fuel, Excessive use of insecticide, lubricant and fertilizer and nuclear Radiation. Immediate and ever-lasting consequences are change in weather phenomenon like Rain pattern / shortage

smog, melting of glaciers, rising sea level, hurricanes, natural disasters, impact at marine life, loss of biodiversity, species disappearance and decline in Agriculture products.

2. Main Body

Causes of climate changes:

2.1 Rise of decreasing CO_2 , CH_4 , NO_2 , SO_2 gases:

2.1.1: 17th rank in green house gas emitter.

2.1.2 CO_2 from energy sector and CH_4 emitted from Agricultural sector.

2.2 Deforestation:

2.2.1 Demand of Timber and firewood.

2.2.2 Population growth and urbanization.

2.2.3 Agricultural expansion and land conversion.

2.2.4 Lack of Forest management practice.

2.3 Excessive use of insecticide, fertilizer and lubricant:

2.3.1: cotton production and pesticide use, Rice production and agricultural practices.

2.3.2 Lubricant demand in transportation sector.

2.4 Burning of fossil fuel:

2.4.1 Outdated transport vehicles emitting gases.

2.4.2 Lack of tech-advanced motor like EVs.

2.5-Burning of CFC, O_3 depletion:

2.5.1 Main sectors using CFCs in Pakistan (Refrigeration, industrial solvent).

2.5.2 Source like industry waste disposal.

2.6- Explosion of population:

2.6.1 Fifth largest population wise and 2.1% annual change in population.

2.6.2 Population require land causing deforestation.

(B) Consequences of Climate change in Pakistan:

2.1- Changing weather pattern:

2.1.1 Changing Rainfall pattern and water scarcity.

2.1.2 Temperature increases and heatwaves.

2.1.3 Increase intensity of floods.

2.2 - Unprecedented smog:

2.2.1 Lahore and Karachi 2nd most affected city of Pakistan with smog.

2.2.2 Respiratory, cardio, eyes and skin irritations problems.

2.3 Melting of glacier, polar ice and ice-sheet:

2.3.1 water supply below threshold of 1000 cubic

2.3.2 meter per person per year by 2025 will fall.

2.3.2 Economic, social impacts and increase

Climate disaster

2.4 Rising of sea level:

2.4.1 Pakistan coastal region are highly vulnerable.

2.4.2 Densely populated area posses significance loss affecting economy.

2.5 - Natural disasters:

2.5.1 Flooding, droughts, extreme heat, cyclones and storms causing human loss.

2.5.2 Agricultural loss, economic downturns and socio-economic consequences caused by it.

Conclusion:

Thesis restated,
Summary of ideas
presented.

The Essay

When James Watt invented steam engine in 1769, he likely did not realise his invention would lead to change beyond technology. The rise of machines powered by factories and coal started industrial Revolution, which transformed economies and societies. However, it marked beginning of new change. The burning of fossil fuels started a pattern of population pollution that would eventually contribute to climate change, reshaping climate in way that were not

yet understood

Unfortunately Pakistan is facing problem of climate change due to carbon emission, deforestation, excessive use of insecticide, pesticides and fertilizers, burning of fossil fuel from the vehicles, CFCs and ozone layer depletion and population explosion. These are causing severe consequence like altered weather pattern, unprecedented smog, melting of glacier, polar ice, rise of sea level, natural disasters. Unless, issue of climate change are addressed properly, Pakistan can

neither become
prosperous nor respect
able and healthy.